

ECE TYPE-APPROVAL CERTIFICATE



Communication concerning:² ~~Approval granted~~
~~Approval extended~~
~~Approval refused~~
~~Approval withdrawn~~
~~Production definitively discontinued~~

Of a vehicle type with regard to braking, pursuant to Regulation No. 13

Approval No: **E24*13R11/18*0056*04**

Reason(s) for extension:

***See test report IT18/1369 – 04 and
 accompanying manufacturer's
 information document***

- | | | |
|--------|---|---|
| 1. | Trade name or make of the vehicle: | <i>Iveco / System Truck</i> |
| 2. | Vehicle category: | <i>N3</i> |
| 3. | Vehicle type: | <i>ST 2Y3C 13R</i> |
| 4. | Manufacturer's name and address: | <i>S.T. System Truck S.p.A.
 Via Paesa, 28
 IT-46048 Roverbella (MN)</i> |
| 5. | If applicable name and address of manufacturer's authorised representative: | <i>N/A</i> |
| 6. | Mass of the vehicle: | |
| 6.1. | Maximum mass of the vehicle: | <i>35000 kg</i> |
| 6.2. | Minimum mass of the vehicle: | <i>8520 kg</i> |
| 7. | Distribution of mass on each axle (maximum value): | <i>Axle 1: 9000 kg</i>
<i>Axle 2: 7500 kg</i>
<i>Axle 3: 12000 kg</i>
<i>Axle 4: 8000 kg</i> |
| 8. | Make and type of brake linings, discs and drums: | <i>See information folder for details</i> |
| 8.1. | Brake linings | |
| 8.1.1. | Brake linings tested to all relevant prescriptions of Annex 4: | <i>Yes</i> |

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8.1.2.	Alternative brake linings tested in Annex 15:	<i>N/A</i>
8.2.	Brake discs and drums	
8.2.1.	Identification code of brake discs covered by the braking system approval:	<i>See information folder for details</i>
8.2.2.	Identification code of brake drums covered by the braking system approval:	<i>See information folder for details</i>
9.	In the case of a power driven vehicle	
9.1.	Engine type:	<i>See information folder for details</i>
9.2.	Number and ratios of gears:	<i>See information folder for details</i>
9.3.	Final drive ratio:	<i>3.2</i>
9.4.	If applicable, maximum mass of trailer which may be coupled:	
9.4.1.	Full trailer:	<i>See information folder for details</i>
9.4.2.	Semi-trailer:	<i>N/A</i>
9.4.3.	Centre-axle trailer (indicate also the maximum ratio of the coupling overhang to the wheelbase):	<i>See information folder for details</i>
9.4.4.	Unbraked trailer:	<i>750kg</i>
9.4.5.	Maximum mass of the combination:	<i>60000 kg</i>
10.	Tyre dimensions:	<i>See information folder for details</i>
10.1.	Temporary-use spare wheel/tyre dimensions:	<i>N/A</i>
10.2.	Vehicle meets the technical requirements of Annex 3 to Regulation No. 64 (yes /no):	<i>No.</i>
11.	Number and arrangement of axles:	<i>See information folder for details</i>
12.	Brief description of braking equipment:	<i>See information folder for details</i>
13.	Mass of vehicle when tested:	<i>Mass in running order and Technically Permissible maximum laden mass</i>

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14.	Results of the tests and vehicle characteristics:	<i>See test report IT18/1369 up to -04 and manufacturer's information document for details.</i>
14.6.	Braking system(s) used during the Type-II/IIA test:	<i>Engine brake integrated with retarder</i>
14.7.	Reaction time and dimensions of flexible pipes:	<i>See information folder for details</i>
14.7.1.	Reaction time at the brake actuator:	<i>See information folder for details</i>
14.7.2.	Reaction time at the control line coupling head:	<i>See information folder for details</i>
14.7.3.	Flexible pipes of tractors for semi-trailers: Reservoir – modulator: internal diameter (mm): Modulator – brake chambers internal diameter (mm):	<i>N/A</i>
14.8.	Information required under paragraph 7.3. of annex 10 to this Regulation:	<i>N/A</i>
14.9.	Vehicle is /is not equipped to tow a trailer with electrical braking systems:	<i>Is not</i>
14.10.	Vehicle is/is not equipped with an anti-lock system:	<i>Is</i>
14.10.1.	Category of anti-lock system:	<i>Category 1/2/3 Category A/B</i>
14.10.2.	The vehicle fulfils the requirements of annex 13:	<i>Yes</i>
14.10.3.	Vehicle is/is not equipped to tow trailers equipped with anti-lock systems:	<i>Is</i>
14.10.4.	Where an annex 19 test report has been utilised, the test report number(s) shall be stated:	<i>N/A</i>
14.11.	The vehicle is subject to the requirements of annex 5 (ADR):	<i>Yes</i>
14.11.1.	The vehicle fulfils the endurance braking performance requirements according to the Type-IIA test up to a total maximum mass of tonnes:	<i>See information folder for details</i>
14.11.2.	The power driven vehicle is fitted with a control device for the endurance braking system on the trailer:	<i>N/A</i>
14.11.3.	In the case of trailers, the vehicle is equipped with an endurance braking system:	<i>No</i>

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14.12.	Vehicle is equipped with a control line(s) according to paragraphs 5.1.3.1.1/5.1.3.1.2/5.1.3.1.3 :	5.1.3.1.2
14.13.	Adequate documentation according to annex 18 was supplied in respect of the following systems:	N/A
14.14.	The vehicle is equipped with a vehicle stability function:	Yes
	If yes:	
	The vehicle stability function has been tested according to and fulfils the requirements of Annex 21:	Yes
	Vehicle stability function is optional equipment:	No
	Vehicle stability function includes directional control:	Yes
	Vehicle stability function includes roll-over control:	Yes
14.14.1.	Where an Annex 19 test report has been utilised, the test report number shall be stated:	N/A
14.15.	The vehicle is equipped with an automated connector: yes/no ² :	N/A
14.15.1.	If yes, does the automated connector fulfil the requirements of Annex 22: yes/no ² :	N/A
14.15.2.	The automated connector is of category A/B/C/D2"	N/A
15.	Additional information for use with the annex 20 alternative type approval procedure:	N/A
15.1.	Description of suspension:	N/A
15.1.1.	Manufacturer:	N/A
15.1.2.	Make:	N/A
15.1.3.	Type:	N/A
15.1.4.	Model:	N/A
15.2.	Wheelbase of vehicle tested:	N/A
15.3.	Actuation differential (if any) within axle group:	N/A
16.	Trailer approved utilising annex 20 procedure: (If yes, appendix 2 to annex 2 shall be completed)	N/A

Approval No: E24*13R11/18*0056*04

17. Vehicle submitted for approval on: *As before and 25.01.2024*
18. Technical service responsible for conducting approval tests: *FAKT S.r.l.,
Via Lithos, 53,
IT-25086 Rezzato (BS),
Italy.*
19. Date of report issued by that service: *As before and 10.11.2023*
20. Number of report issued by that service: *IT18/1369 up to -04*
21. Approval ~~granted/refused/extended/withdrawn~~: *Extended*
22. Position of approval mark on the vehicle: *Adhesive plate on the front wall behind
radiator grill near manufacturer's
plate (stage 2)*
23. Place: *Dublin*
24. Date: *14th March, 2024*
25. Signature: 
26. The summary referred to in paragraph 4.3. of this Regulation is annexed to this communication.



**/ At the request of (an) applicant(s) for Regulation No. 90 approval, the information shall be provided by the Type Approval Authority as contained in Appendix 1 to this annex. However, this information shall not be provided for purposes other than Regulation No. 90 approvals.*



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Index to the Information Package

Date of issue:	<i>31st August, 2018</i>
Date of latest amendment:	<i>14th March, 2024</i>
Reason for extension/ revision :	<i>See top of page 1 of certificate for details</i>
1. Additional conditions, and advisory notes on legal alternatives.	
2. Test report(s)	
- numbers(s):	<i>IT18/1369 up to -04</i>
- date of issue:	<i>26.07.2018</i>
- date of latest amendment:	<i>10.11.2023</i>
3. Information document	
- number(s):	<i>ST_2Y3C_13R up to _04</i>
- date of issue:	<i>25.06.2018</i>
- date of latest amendment:	<i>06.11.2023</i>
Documentation:	<i>134 pages</i>



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Appendix: Additional conditions, and advisory notes on legal alternatives

A: Additional conditions:

1. The attached technical report, with any of its attachments, forms part of this Type Approval certificate.
2. Each type from series production shall be to the measurements specified in the attached drawings, and shall be manufactured only from the materials specified in the Approval documents.
3. Changes in the type are permitted only with the explicit permission of NSAI. Breaches of this requirement will lead to a withdrawal of the Type Approval, and in addition may be subject to criminal prosecution.
4. At regular intervals, any tests or associated checks prescribed by the applicable legislation to verify continued conformity with the approved type shall be carried out. The manufacturer shall demonstrate compliance with this by submitting to NSAI evidence of adequate arrangements and documented control plans for each type approved.
5. Any set of samples or test pieces showing evidence of non-conformity shall give rise to further sampling and testing and all steps shall be taken to restore conformity of production.
6. This Type Approval will expire when it is surrendered by the holder, or withdrawn by NSAI, or when the approved type no longer conforms to legal requirements. The recall of the Type Approval can be issued by NSAI when the conditions required for the issuing or continuation of the Type Approval are no longer current, or when the Approval holder is in breach of the duties attached to the Type Approval, or when it is established that the approved type no longer meets the requirements of traffic safety.
7. Changes in the company name, address or manufacturing site, as well as in any of the sales or other agents specified in the issuing of the approval must immediately be notified to NSAI.
8. The duties imposed by the issuing of this certificate are not transferable. The legal protection of third parties is not affected by this certificate.
9. When the manufacture or sale of the system, component or separate technical unit has not been started within one year of the date of issue of this certificate, then NSAI is to be informed. This requirement also applies when the manufacture or sale has been halted for more than one year, or when it ought to have been halted for more than one year. The initial commencement of manufacture or sale, or the resumption of manufacture or sale, shall then be notified to NSAI within one month of commencement or resumption.

B: Legal Options:

Any objection to the requirements set out in this certificate shall be made within one month of the date of issue. The objection shall be made, in writing, to NSAI in Dublin.

Test Report No.: IT18/1369 - 04
UNECE R13-11

Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
IT-46048 Roverbella (MN)



Test Report

No. IT18/1369 Vers. 04

Agreement concerning the Adoption of Harmonized Technical United Nations Regulations for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these United Nations Regulations (Revision 3)

Uniform provisions concerning the approval of vehicles of categories M, N and O with regard to braking

UN-R13 of **01.06.1970**

as last amended by

series of amendments 11 – Supplement 19 of **04.01.2023**

Approval status

☐	Granting of a type approval No. ...
☒	Extension to type approval no. E24*13R11/18*0056*..
☐	Correction to type approval no. ...
☐	Documentation of test results

Structure of the Test Report:

- 1 : General
- 2 : Test vehicle(s)/-object(s)
- 3 : Test record
- 4 : Statement of conformity

The publication or duplication of this test report with its enclosures, or part of this test report or enclosures, without a written consent of the test laboratory is not permitted. The test results and observations contained in this test report refer exclusively to the tested samples/specimens. If not otherwise specified, the sampling has been carried out by the applicant. It is not permitted to transfer these results to other specimens, systems or configurations.

Test Report No.: IT18/1369 - 04
UNECE R13-11

Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
IT-46048 Roverbella (MN)



1 General

- 1.1 Make : Iveco / System Truck
- 1.2 Type : ST 2Y3C 13R
- 1.2.1 Variant(s)/version(s) : See information document - Annex 0.0 and 0.1
- 1.2.2 Commercial name(s) : See information document point 0.2.1.
- 1.3 Category of vehicle : N3
- 1.4 Name and address of the manufacturer : S.T. System Truck S.p.A.
Via Paesa, 28
IT-46048 Roverbella (MN)
- 1.4.1 For multi-stage approved vehicles, company name and address of the manufacturer of the base/previous stage(s) vehicle: : Iveco S.p.A.
Via Puglia, 35
IT-10156 Torino
- 1.5 Information folder :
Information document
- No : ST_2Y3C_13R_04
- Date of issue : 25.06.2018
- Date of last change : 06.11.2023
- 1.6 List of modifications : - addition of TVV (new parking braking system with spring-brake actuator on 3rd and 4th axle new rear axle ratio)

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Test Report No.: IT18/1369 - 04
UNECE R13-11

Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
IT-46048 Roverbella (MN)



2 Test vehicle(s)/ - object(s):

- 2.1 Description: : representative vehicle (series of tests A)
- 2.1.1 Variant: : ICS
Version: : 11CB6DFS80B2B80SMPNF
VIN (Stage 1): : WJME2NUH60C287796
- 2.1.2 Gear box type: : 16S 2220 TD (Manual)
No. of gears: : 16
- 2.1.3 Number and arrangement of axles: : 4; 1st steering / non powered axle
2nd steering / non powered axle
3rd fixed / powered axle
4th steering / non powered axle
- 2.1.4 Wheelbase(s): : 1-2: 2835 mm
2-3: 1365 mm
3-4: 1395 mm
- 2.1.5 Tyres
1st axle: : 385/65 R22,5 160/-K (single)
2nd axle: : 315/80 R22,5 156/-K (single)
3rd axle: : 315/80 R22,5 -/150K (twin)
4th axle: : 315/80 R22,5 156/-K (single)
- 2.1.6 Kind of suspension: : 1st longitudinal parabolic leaf spring
2nd pneumatic
3rd pneumatic
4th pneumatic
- 2.1.7 Engine
Manufacturer: : FPT Industrial S.p.A.
Type: : F4AFE411C
- 2.1.8 Brakes
Type and characteristics of the brakes: : Compressed air brake system with separate circuits for the front, rear, parking and auxiliary equipment, electronically and/or pneumatically controlled.

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Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
 IT-46048 Roverbella (MN)



Brake lining: : 1st axle: Make: Ferodo - Type: 4550 (IS25)
 : 2nd axle: Make: Ferodo - Type: 4550 (IS25)
 : 3rd axle: Make: Ferodo - Type: 4550 (IS25)
 : 4th axle: Make: Ferodo - Type: 4550 (IS25)
 asbestos free

Wheel brake: : 1st axle: brake disk Ø432 mm
 : 2nd axle: brake disk Ø432 mm
 : 3rd axle: brake disk Ø432 mm
 : 4th axle: brake disk Ø432 mm

Brake Chamber: : 1st axle: 24/14"
 : 2nd axle: 12"
 : 3rd axle: 20/24"
 : 4th axle: 14"

Anti-lock braking system: : Category 1

Service braking system: : Foot operated, air brake with mechanical control.
 Two circuits: 1st for axles 1,
 2nd for axles 2, 3 and 4.

Secondary braking system: : 2nd circuit of the service braking system

Parking braking system: : Spring brakes, manual control, mechanical actuated on axle 1 and 3

2.1.9 Mass of vehicle during test(s)

	unladen	laden
Total:	9670 kg	36010 kg
1 st axle:	4720 kg	9010 kg
2 nd axle:	1420 kg	7250 kg
3 rd axle:	2180 kg	11750 kg
4 th axle:	1350 kg	8000 kg
Height of center of gravity:	980 mm	1500 mm

2.1.10 Maximum speed: : 90 km/h

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Test Report No.: IT18/1369 - 04
 UNECE R13-11

Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
 IT-46048 Roverbella (MN)



- 2.2 Description: : representative vehicle (series of tests B)
- 2.2.1 Variant: : BCS
 Version: : 12CBCSRS80B2B80SMPNFA
 VIN (Stage 1): : WJME62RU90C399721
- 2.2.2 Gear box type: : 12TX 2420 TD (Manual)
 No. of gears: : 12
- 2.2.3 Number and arrangement of axles: : 4; 1st steering / non powered axle
 2nd steering / non powered axle
 3rd fixed / powered axle
 4th steering / non powered axle
- 2.2.4 Wheelbase(s): : 1-2: 2835 mm
 2-3: 1365 mm
 3-4: 1395 mm
- 2.2.5 Tyres
 1st axle: : 315/80 R22,5 156/-K (single)
 2nd axle: : 315/80 R22,5 156/-K (single)
 3rd axle: : 315/80 R22,5 -/150K (twin)
 4th axle: : 315/80 R22,5 156/-K (single)
- 2.2.6 Kind of suspension: : 1st longitudinal parabolic leaf spring
 2nd pneumatic
 3rd pneumatic
 4th pneumatic
- 2.2.7 Engine
 Manufacturer: : FPT Industrial S.p.A.
 Type: : F3HFE611G
- 2.2.8 Brakes
 Type and characteristics of the brakes: : Compressed air brake system with separate circuits for the front, rear, parking and auxiliary equipment, electronically and/or pneumatically controlled.

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Test Report No.: IT18/1369 - 04
 UNECE R13-11

Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
 IT-46048 Roverbella (MN)



Brake lining: : 1st axle: Make: Ferodo - Type: 4550 (IS25)
 : 2nd axle: Make: Ferodo - Type: 4550 (IS25)
 : 3rd axle: Make: Ferodo - Type: 4550 (IS25)
 : 4th axle: Make: Ferodo - Type: 4550 (IS25)
 asbestos free

Wheel brake: : 1st axle: brake disk Ø432 mm
 : 2nd axle: brake disk Ø432 mm
 : 3rd axle: brake disk Ø432 mm
 : 4th axle: brake disk Ø432 mm

Brake Chamber: : 1st axle: 30/14"
 : 2nd axle: 12"
 : 3rd axle: 20/24"
 : 4th axle: 12" (Annex 4) resp. 14" (Annex 13)

Anti-lock braking system: : Category 1

Service braking system: : Foot operated, air brake with mechanical control.
 Two circuits: 1st for axles 1,
 2nd for axles 2, 3 and 4.

Secondary braking system: : 2nd circuit of the service braking system

Parking braking system: : Spring brakes, manual control, mechanical actuated on axle 1 and 3

2.2.9 Mass of vehicle during test(s)

	unladen	laden
Total:	10430 kg	35190 kg
1 st axle:	5160 kg	8010 kg
2 nd axle:	1420 kg	7400 kg
3 rd axle:	2430 kg	11900 kg
4 th axle:	1420 kg	7880 kg
Height of center of gravity:	980 mm	1360 mm

2.2.10 Maximum speed: : 90 km/h

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Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
 IT-46048 Roverbella (MN)



- 2.3 Description: : representative vehicle (series of tests C)
- 2.3.1 Variant: : Not applicable
 Version: : Not applicable
 VIN (Stage 1): : Not applicable
- 2.3.2 Gear box type: : Not applicable
 No. of gears: : Not applicable
- 2.3.3 Number and arrangement of axles: : 4; 1st steering / non powered axle
 2nd steering / non powered axle
 3rd fixed / powered axle
 4th n.a. (lifted up)
- 2.3.4 Wheelbase(s): : 1-2: 2440 mm
 2-3: 1360 mm
 3-4: n.a. (lifted up)
- 2.3.5 Tyres
 1st axle: : 315/60 R22,5 156/-K (single)
 2nd axle: : 315/60 R22,5 156/-K (single)
 3rd axle: : 315/60 R22,5 -/150K (twin)
 4th axle: : n.a. (lifted up)
- 2.3.6 Kind of suspension: : 1st longitudinal parabolic leaf spring
 2nd pneumatic
 3rd pneumatic
 4th n.a. (lifted up)
- 2.3.7 Engine
 Manufacturer: : FPT Industrial S.p.A.
 Type: : F3HFE611G
- 2.3.8 Brakes
 Type and characteristics of the brakes: : Compressed air brake system with separate circuits for the front, rear, parking and auxiliary equipment, electronically and/or pneumatically controlled.

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Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
 IT-46048 Roverbella (MN)



Brake lining: : 1st axle: Make: Ferodo - Type: 4550 (IS25)
 : 2nd axle: Make: Ferodo - Type: 4550 (IS25)
 : 3rd axle: Make: Ferodo - Type: 4550 (IS25)
 : 4th axle: n.a. (lifted up)

Wheel brake: : 1st axle: brake disk Ø432 mm
 : 2nd axle: brake disk Ø432 mm
 : 3rd axle: brake disk Ø432 mm
 : 4th axle: n.a. (lifted up)

Brake Chamber: : 1st axle: 30/14"
 : 2nd axle: 12"
 : 3rd axle: 20/24"
 : 4th axle: n.a. (lifted up)

Anti-lock braking system: : Category 1

Service braking system: : Foot operated, air brake with mechanical control.
 : Two circuits: 1st for axles 1,
 : 2nd for axles 2 and 3

Secondary braking system: : 2nd circuit of the service braking system

Parking braking system: : spring brakes, manual control, mechanical actuated on axle 1 and 3

2.3.9 Mass of vehicle during test(s)

	unladen	laden
Total:	7370 kg	27050 kg
1 st axle:	4740 kg	8100 kg
2 nd axle:	1090 kg	7620 kg
3 rd axle:	1540 kg	11300 kg
4 th axle:	-- kg	-- kg
Height of center of gravity:	763 mm	1300 mm

2.3.10 Maximum speed: : 90 km/h

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Test Report No.: IT18/1369 - 04
UNECE R13-11

Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
IT-46048 Roverbella (MN)



- 2.4 Description: : representative vehicle (series of tests D)
- 2.4.1 Variant: : 4CS
Version: : 12GBESYH80B2B80SMPNFA
VIN (Stage 1): : ZCFE62RV20C513353
- 2.4.2 Gear box type: : 12TX 2410 TO
No. of gears: : 12 (Manual)
- 2.4.3 Number and arrangement of axles: : 4; 1st steering / non powered axle
2nd steering / non powered axle
3rd fixed / powered axle
4th steering / non powered axle
- 2.4.4 Wheelbase(s): : 1-2: 4290 mm
2-3: 1410 mm
3-4: 1395 mm
- 2.4.5 Tyres
1st axle: : 385/55 R22,5 160/-K (single)
2nd axle: : 315/70 R22,5 154/-K (single)
3rd axle: : 315/70 R22,5 -/150K (twin)
4th axle: : 315/70 R22,5 154/-K (single)
- 2.4.6 Kind of suspension: : 1st longitudinal parabolic leaf spring
2nd pneumatic
3rd pneumatic
4th pneumatic
- 2.4.7 Engine
Manufacturer: : FPT Industrial S.p.A.
Type: : F3HGE611H
- 2.4.8 Brakes
Type and characteristics of the brakes: : Compressed air brake system with separate circuits for the front, rear, parking and auxiliary equipment, electronically and/or pneumatically controlled.

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Test Report No.: IT18/1369 - 04
 UNECE R13-11

Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
 IT-46048 Roverbella (MN)



Brake lining: : 1st axle: Make: Ferodo - Type: 4550 (IS25)
 : 2nd axle: Make: Ferodo - Type: 4550 (IS25)
 : 3rd axle: Make: Ferodo - Type: 4550 (IS25)
 : 4th axle: Make: Ferodo - Type: 4550 (IS25)

Wheel brake: : 1st axle: brake disk Ø432 mm
 : 2nd axle: brake disk Ø432 mm
 : 3rd axle: brake disk Ø432 mm
 : 4th axle: brake disk Ø432 mm

Brake Chamber: : 1st axle: 30"
 : 2nd axle: 12"
 : 3rd axle: 20/24"
 : 4th axle: 12/16"

Anti-lock braking system: : Category 1

Service braking system: : Foot operated, air brake with mechanical control.
 : Three circuits: 1st for axles 1,
 : 2nd for axles 2, 3 and 4,
 : 3rd for trailer

Secondary braking system: : 2nd circuit of the service braking system

Parking braking system: : Spring brakes, manual control, mechanical actuated on axle 3 and 4

2.4.9 Mass of vehicle during test(s)

	unladen	laden
Total:	9450 kg	36080 kg
1 st axle:	4630 kg	8990 kg
2 nd axle:	1310 kg	7440 kg
3 rd axle:	2150 kg	11730 kg
4 th axle:	1360 kg	7920 kg
Height of center of gravity:	960 mm	1490 mm

2.4.10 Maximum speed: : 90 km/h

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Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
IT-46048 Roverbella (MN)



3 Test record

- 3.1 Place of test : series of tests A-B-D:
IT-Balocco (VC) + IT-Roverbella (MN)
series of tests C:
DE-Ulm
- 3.2 Date of test : series of tests A: 30.05.2014 + 17.06.2014
series of tests B: 06.07.2018 + 19.07.2018
series of tests C: 23÷25.07.2019
series of tests D: 07.11.2023
- 3.3 Parameter of the test area
- Test track : asphalt & concrete dry, ceramic tiles wet.
- Air temperature : series of tests A: 27 °C
series of tests B: 29 °C
series of tests C: 26 °C
series of tests D: 16 °C
- Velocity of wind : < 2,5m/s
- 3.4 Equipment for measuring and test- : the equipment on which the tests were car-
ing : ried out, fulfilled the requirements of the
above mentioned Regulation.

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3.5 Test results

Series of tests A

3.5.1 Test type 0:

Unladen Engine disconnected	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
Service brake	60	6.0	50
Axle 1	40	3.5	120
Axle 2+3+4	40	2.2	200
Service brake (@3bar)	40	4.2	100

No abnormal vibration, vehicle keeps lane

Laden Engine disconnected	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
Service brake	60	6.4	100
Axle 1	40	3.0	200
Axle 2+3+4	40	4.0	140
Service brake (@3bar)	40	5.5	100

No abnormal vibration, vehicle keeps lane

Unladen Engine connected	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
	27	6.1	70
	35	6.0	50
	72	6.5	100

No abnormal vibration, vehicle keeps lane

Laden Engine connected	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
	27	5.0	100
	35	5.0	110
	72	5.0	100

No abnormal vibration, vehicle keeps lane

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Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
 IT-46048 Roverbella (MN)



3.5.2 Test type I:

Conditions during the heating : duration of a braking cycle: 60s
 No. of brake cycles: 20
 Initial speed V1: 60km/h
 Final speed V2: 30km/h
 deceleration dm: 3m/s²

Laden	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
Service brake (heated)	60	5.5	150

No abnormal vibration, vehicle keeps lane

3.5.3 Test type II

Equivalent test on track : Not applicable (ref. to point 3.5.4.)
 Braking system(s) used : Not applicable (ref. to point 3.5.4.)

3.5.4 Test type IIA

Equivalent test on track : 1,2 m/s²
 Braking system(s) used : Engine brake integrated with retarder

3.5.5 Parking brake

Holding force:
 Uphill gradient (18%) : 6,5t (forward)
 Downhill gradient (18%) : 6,5t (reverse)

3.5.6 Reaction time : 0,6 ≤ 0,6s

3.5.7 Dimensions of flexible pipes : fulfilled
 (refer to drawing no. 25.01.20.0024)

3.5.8 Charging time of air reservoirs : fulfilled
 T1= 1' 10"; T2= 4' 45"; T3=6' 00"
 (vehicles to which the coupling of a trailer is authorized)

3.5.9 Spring brake according to Annex 8 : fulfilled

3.5.10 Compatibility between tractor and trailer : fulfilled

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3.5.11 ABS according to Annex 13

General requirements : fulfilled

3.5.12 ABS - Energy consumption : Braking performance @ 40km/h at the 5th full brake with brakes reservoirs isolated: 5.5 m/s²

3.5.13 ABS - Utilization of adhesion :	k_a [$\geq 0,5$]	k_b [$\leq 0,3$]	k_a/k_b [$\geq 2,0$]
Laden:	0.580	0.136	4.3
Unladen:	0.671	0.115	5.8

	Low grip surface	High grip surface
	ϵ [$\geq 0,75$]	ϵ [$\geq 0,75$]
Laden:	0.98	0.92
Unladen:	0.84	0.89

3.5.14 ABS - Additional checks : fulfilled

3.5.15 ABS - Residual braking performance in event of failure within the electric control transmission :

	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
Laden:	40	3.0	50
Unladen:	40	3.5	50

3.5.16 The vehicle fulfils the requirements of Annex 13 : yes

3.5.17 Vehicle equipped to tow trailers equipped with anti-lock systems : yes

3.5.18 The vehicle is subject to the requirements of Annex 5 (ADR) : yes

3.5.19 Vehicle is equipped with a control line(s) according to : paragraphs ~~5.1.3.1.1.~~ / 5.1.3.1.2. / ~~5.1.3.1.3.~~

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Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
IT-46048 Roverbella (MN)



- 3.5.20 The vehicle is equipped with a vehicle stability function : yes
Directional control and rollover control in combination with brake activation and engine power output control
- vehicle stability function according to Annex 21: : fulfilled
Test method: demonstration by dynamic manoeuvres and comparison of the vehicle behaviour with enables and disabled vehicle stability function
- Vehicle stability function is optional equipment : no
- Vehicle stability function includes directional control : yes
- Vehicle stability function includes roll-over control : yes

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Series of tests B

3.5.1 Test type 0:

Unladen Engine disconnected	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
Service brake	65	6.2	270
Axle 1	44.6	3.8	240
Axle 2+3+4	45	1.8	460
Service brake (@3bar)	44.3	3.9	170

No abnormal vibration, vehicle keeps lane

Laden Engine disconnected	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
Service brake	63.1	5.5	236
Axle 1	40.3	1.8	240
Axle 2+3+4	44.1	3.4	256
Service brake (@3bar)	44.7	2.4	157

No abnormal vibration, vehicle keeps lane

Unladen Engine connected	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
	27.1	5.9	230
	36.5	5.9	234
	74.5	6.2	240

No abnormal vibration, vehicle keeps lane

Laden Engine connected	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
	27.3	5.1	190
	34.5	5.1	180
	73.5	5.3	225

No abnormal vibration, vehicle keeps lane

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Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
 IT-46048 Roverbella (MN)



3.5.2 Test type I:

Conditions during the heating : duration of a braking cycle: 60s
 No. of brake cycles: 20
 Initial speed V1: 60km/h
 Final speed V2: 30km/h
 deceleration dm: 3m/s²

Laden	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
Service brake (heated)	61.6	5.0	240

No abnormal vibration, vehicle keeps lane

3.5.3 Test type II

Equivalent test on track : Not applicable (ref. to point 3.5.4.)
 Braking system(s) used : Not applicable (ref. to point 3.5.4.)

3.5.4 Test type IIA

Equivalent test on track : 1,0 m/s²
 Braking system(s) used : Engine brake integrated with retarder

3.5.5 Parking brake

Holding force:

Uphill gradient (18%) : 6,5t (forward)
 Downhill gradient (18%) : 6,5t (reverse)

3.5.6 Reaction time : 0,6 ≤ 0,6s

3.5.7 Dimensions of flexible pipes : fulfilled
 (refer to drawing no. 25.01.20.0024)

3.5.8 Charging time of air reservoirs : fulfilled
 T1= 1' 05"; T2= 6' 55"; T3=8' 55"
 (vehicles to which the coupling of a trailer is authorized)

3.5.9 Spring brake according to Annex 8 : fulfilled

3.5.10 Compatibility between tractor and trailer : fulfilled

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3.5.11 ABS according to Annex 13

General requirements : fulfilled

3.5.12 ABS - Energy consumption : Braking performance @ 40km/h at the 5th full brake with brakes reservoirs isolated: 5.5 m/s²

3.5.13 ABS - Utilization of adhesion :	k_a [$\geq 0,5$]	k_b [$\leq 0,3$]	k_a/k_b [$\geq 2,0$]
Laden:	0.572	0.128	4.5
Unladen:	0.568	0.146	3.9

	Low grip surface	High grip surface
	ϵ [$\geq 0,75$]	ϵ [$\geq 0,75$]
Laden:	0.99	0.97
Unladen:	0.98	0.82

3.5.14 ABS - Additional checks : fulfilled

3.5.15 ABS - Residual braking performance in event of failure within the electric control transmission :

	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
Laden:	44.5	5.2	120
Unladen:	44.9	6.2	210

3.5.16 The vehicle fulfils the requirements of Annex 13 : yes

3.5.17 Vehicle equipped to tow trailers equipped with anti-lock systems : yes

3.5.18 The vehicle is subject to the requirements of Annex 5 (ADR) : yes

3.5.19 Vehicle is equipped with a control line(s) according to : paragraphs ~~5.1.3.1.1.~~ / 5.1.3.1.2. / ~~5.1.3.1.3.~~

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Type:	ST 2Y3C 13R
Manufacturer:	S.T. System Truck S.p.A. IT-46048 Roverbella (MN)



- 3.5.20 The vehicle is equipped with a vehicle stability function : yes
Directional control and rollover control in combination with brake activation and engine power output control
- vehicle stability function according to Annex 21: : fulfilled
Test method: demonstration by dynamic manoeuvres and comparison of the vehicle behaviour with enables and disabled vehicle stability function
- Vehicle stability function is optional equipment : no
- Vehicle stability function includes directional control : yes
- Vehicle stability function includes roll-over control : yes

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Series of tests C

vehicle with 4th axle lifted up
 (tests results from E3 13R11/16*1828*12)

3.5.1 Test type 0:

Unladen Engine disconnected	Test speed [km/h]	Braking performance [m]	Force applied to the control [N]
Service brake	60	23.6 (<36.7)	238
Axle 1	40	16.9 (<33.8)	170
Axle 2+3	40	22.4 (<33.8)	182

No abnormal vibration, vehicle keeps lane

Laden Engine disconnected	Test speed [km/h]	Braking performance [m]	Force applied to the control [N]
Service brake	60	25.7 (<36.7)	316
Axle 1	40	26.1 (<33.8)	233
Axle 2+3	40	25.2 (<33.8)	207

No abnormal vibration, vehicle keeps lane

Unladen Engine connected	Test speed [km/h]	Braking performance [m]	Force applied to the control [N]
	39	11.1 (<20.5)	277
	65	28.0 (<50.6)	228
	90	52.2 (<91.8)	217

No abnormal vibration, vehicle keeps lane

Laden Engine connected	Test speed [km/h]	Braking performance [m]	Force applied to the control [N]
	39	11.1 (<20.5)	301
	65	28.9 (<50.6)	285
	90	58.9 (<91.8)	259

No abnormal vibration, vehicle keeps lane

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Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
 IT-46048 Roverbella (MN)



3.5.2 Test type I:

Conditions during the heating : duration of a braking cycle: 60s
 No. of brake cycles: 20
 Initial speed V1: 60km/h
 Final speed V2: 30km/h
 deceleration dm: 3m/s²

Laden	Test speed [km/h]	Braking perfor- mance [m]	Force applied to the control [N]
Service brake (heated)	60	26.6 (<36.8)	110

No abnormal vibration, vehicle keeps lane

3.5.3 Test type II

Equivalent test on track : Not applicable (ref. to point 3.5.4.)
 Braking system(s) used : Not applicable (ref. to point 3.5.4.)

3.5.4 Test type IIA

Equivalent test on track : 1,0 m/s²
 Braking system(s) used : Engine brake integrated with retarder

3.5.5 Parking brake : fulfilled

3.5.6 Reaction time : 0,6 ≤ 0,6s

3.5.7 Dimensions of flexible pipes : fulfilled

3.5.8 Charging time of air reservoirs : fulfilled

3.5.9 Spring brake according to Annex 8 : fulfilled

3.5.10 Compatibility between tractor and trailer : fulfilled

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3.5.11 ABS according to Annex 13

General requirements : fulfilled

3.5.12 ABS - Energy consumption : Braking performance @ 40km/h at the 5th full brake with brakes reservoirs isolated: 5.5 m/s²

3.5.13 ABS - Utilization of adhesion :	k_a [$\geq 0,5$]	k_b [$\leq 0,3$]	k_a/k_b [$\geq 2,0$]
Laden:	0.654	0.276	2.369
Unladen:	0.704	0.246	2.862

	Low grip surface	High grip surface
	ϵ [$\geq 0,75$]	ϵ [$\geq 0,75$]
Laden:	0.91	1.04
Unladen:	0.93	1.00

3.5.14 ABS - Additional checks : fulfilled

3.5.15 ABS - Residual braking performance in event of failure within the electric control transmission :

	Test speed [km/h]	Braking performance [m]	Force applied to the control [N]
Laden:	40	20.9 (<52.4)	185
Unladen:	40	35.2 (<52.4)	194

3.5.16 The vehicle fulfils the requirements of Annex 13 : yes

3.5.17 Vehicle equipped to tow trailers equipped with anti-lock systems : yes

3.5.18 The vehicle is subject to the requirements of Annex 5 (ADR) : yes

3.5.19 Vehicle is equipped with a control line(s) according to : paragraphs ~~5.1.3.1.1.~~ / 5.1.3.1.2. / ~~5.1.3.1.3.~~

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Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
IT-46048 Roverbella (MN)



- 3.5.20 The vehicle is equipped with a vehicle stability function : yes
Directional control and rollover control in combination with brake activation and engine power output control
- vehicle stability function according to Annex 21: : fulfilled
Test method: demonstration by dynamic manoeuvres and comparison of the vehicle behaviour with enables and disabled vehicle stability function
- Vehicle stability function is optional equipment : no
- Vehicle stability function includes directional control : yes
- Vehicle stability function includes roll-over control : yes

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Series of tests D

3.5.1 Test type 0:

Unladen Engine disconnected	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
Service brake	60	5.6	55
Axle 1	40	3.6	110
Axle 2+3+4	40	2.4	250
Service brake (@3bar)	40	4.0	130

No abnormal vibration, vehicle keeps lane

Laden Engine disconnected	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
Service brake	60	5.8	150
Axle 1	40	2.8	180
Axle 2+3+4	40	3.9	110
Service brake (@3bar)	40	5.8	180

No abnormal vibration, vehicle keeps lane

Unladen Engine connected	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
	27	6.1	120
	35	6.0	110
	72	5.9	140

No abnormal vibration, vehicle keeps lane

Laden Engine connected	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
	27	5.3	150
	35	5.4	160
	72	5.1	150

No abnormal vibration, vehicle keeps lane

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3.5.2 Test type I:

Conditions during the heating : duration of a braking cycle: 60s
 No. of brake cycles: 20
 Initial speed V1: 60km/h
 Final speed V2: 30km/h
 deceleration dm: 3m/s²

Laden	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
Service brake (heated)	60	5.2	150

No abnormal vibration, vehicle keeps lane

3.5.3 Test type II

Equivalent test on track : Not applicable (ref. to point 3.5.4.)
 Braking system(s) used : Not applicable (ref. to point 3.5.4.)

3.5.4 Test type IIA

Equivalent test on track : 1,1 m/s²
 Braking system(s) used : Engine brake integrated with retarder

3.5.5 Parking brake

Holding force:
 Uphill gradient (18%) : 6,5t (forward)
 Downhill gradient (18%) : 6,5t (reverse)

3.5.6 Reaction time : 0,6 ≤ 0,6s

3.5.7 Dimensions of flexible pipes : fulfilled
 (refer to drawing no. 25.01.20.0024)

3.5.8 Charging time of air reservoirs : fulfilled
 T1= 1' 15"; T2= 4' 50"; T3=5' 40"
 (vehicles to which the coupling of a trailer is authorized)

3.5.9 Spring brake according to Annex 8 : fulfilled

3.5.10 Compatibility between tractor and trailer : fulfilled

3.5.11 ABS according to Annex 13

General requirements : fulfilled

3.5.12 ABS - Energy consumption : Braking performance @ 40km/h at the 5th full brake with brakes reservoirs isolated: 5.5 m/s²

3.5.13 ABS - Utilization of adhesion :

	k_a [$\geq 0,5$]	k_b [$\leq 0,3$]	k_a/k_b [$\geq 2,0$]
Laden:	0.510	0.141	3.6
Unladen:	0.601	0.143	4.2

	Low grip surface ϵ [$\geq 0,75$]	High grip surface ϵ [$\geq 0,75$]
Laden:	0.85	0.84
Unladen:	0.81	0.80

3.5.14 ABS - Additional checks : fulfilled

3.5.15 ABS - Residual braking performance in event of failure within the electric control transmission :

	Test speed [km/h]	Braking performance [m/s ²]	Force applied to the control [N]
Laden:	40	3.2	150
Unladen:	40	3.6	150

3.5.16 The vehicle fulfils the requirements of Annex 13 : yes

3.5.17 Vehicle equipped to tow trailers equipped with anti-lock systems : yes

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Type: ST 2Y3C 13R

Manufacturer: S.T. System Truck S.p.A.
IT-46048 Roverbella (MN)



- 3.5.18 The vehicle is subject to the requirements of Annex 5 (ADR) : yes
- 3.5.19 Vehicle is equipped with a control line(s) according to : paragraphs ~~5.1.3.1.1.~~ / 5.1.3.1.2. / ~~5.1.3.1.3.~~
- 3.5.20 The vehicle is equipped with a vehicle stability function : yes
Directional control and rollover control in combination with brake activation and engine power output control
- vehicle stability function according to Annex 21: : fulfilled
Test method: demonstration by dynamic manoeuvres and comparison of the vehicle behaviour with enables and disabled vehicle stability function
- Vehicle stability function is optional equipment : no
- Vehicle stability function includes directional control : yes
- Vehicle stability function includes roll-over control : yes
- 3.6 Remarks : not applicable

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Manufacturer: S.T. System Truck S.p.A.
IT-46048 Roverbella (MN)



4 Statement of conformity:

The information folder as mentioned under No. 1.5 and the type described therein are – i n c o m p l i a n c e – with the Test Specification mentioned above.

Worst case selection carried out according to the procedure VA175

For the present type, the selected test vehicles together with the information documents of remaining variant/version, is representative.

The tests have been carried out, considering the relevant requirements of ISO/IEC 17025:2017.

This report includes pages 1 to 28.

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TEST LABORATORY

Rezzato, 10.11.2023
ah/aa

File No.:



PR-23/0563

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Test engineer



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SCHEDA INFORMATIVA
INFORMATION DOCUMENT

N°
Nr **ST_2Y3C_13R_04**
del
of **06.11.2023**

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Variante Variant	Interasse (1° ÷ 3° asse): Cabina: Wheelbase (1 st ÷ 3 rd axle): Cab:	disegno complessivo: overall drawing:	
??C	4200 mm AD, AT, AS	55.01.03.0130 rev.1	del / of 10.10.2022
??C	4500 mm AD, AT, AS	55.01.03.0131 rev.1	del / of 10.10.2022
??C	4800 mm AD, AT, AS	55.01.03.0132 rev.1	del / of 10.10.2022
??C	5100 mm AD, AT, AS	55.01.03.0133 rev.1	del / of 10.10.2022
??C	5500 mm AD, AT, AS	55.01.03.0134 rev.1	del / of 10.10.2022
??C	5700 mm AD, AT, AS	55.01.03.0135 rev.1	del / of 10.10.2022
??C	6050 mm AD, AT, AS	55.01.03.0136 rev.1	del / of 10.10.2022
2?S	4200 mm AS	55.01.03.0163 rev.0	del / of 31.01.2020
2?S	4200 mm AD, AT	55.01.03.0157 rev.0	del / of 31.01.2020
2?S	4500 mm AS	55.01.03.0164 rev.0	del / of 31.01.2020
2?S	4500 mm AD, AT	55.01.03.0158 rev.0	del / of 31.01.2020
2?S	4800 mm AS	55.01.03.0165 rev.0	del / of 31.01.2020
2?S	4800 mm AD, AT	55.01.03.0159 rev.0	del / of 31.01.2020
2?S	5100 mm AS	55.01.03.0166 rev.0	del / of 31.01.2020
2?S	5100 mm AD, AT	55.01.03.0160 rev.0	del / of 31.01.2020
2?S	5700 mm AS	55.01.03.0167 rev.0	del / of 31.01.2020
2?S	5700 mm AD, AT	55.01.03.0161 rev.0	del / of 31.01.2020
2?S	6050 mm AS	55.01.03.0168 rev.0	del / of 31.01.2020
2?S	6050 mm AD, AT	55.01.03.0162 rev.0	del / of 31.01.2020
4CS	4200 mm AS	55.01.03.0175 rev.0	del / of 31.01.2020
4CS	4200 mm AD, AT	55.01.03.0169 rev.0	del / of 31.01.2020
4CS	4500 mm AS	55.01.03.0176 rev.0	del / of 31.01.2020
4CS	4500 mm AD, AT	55.01.03.0170 rev.0	del / of 31.01.2020
4CS	4800 mm AS	55.01.03.0177 rev.0	del / of 31.01.2020
4CS	4800 mm AD, AT	55.01.03.0171 rev.0	del / of 31.01.2020
4CS	5100 mm AS	55.01.03.0178 rev.0	del / of 31.01.2020
4CS	5100 mm AD, AT	55.01.03.0172 rev.0	del / of 31.01.2020
4CS	5700 mm AS	55.01.03.0179 rev.0	del / of 31.01.2020
4CS	5700 mm AD, AT	55.01.03.0173 rev.0	del / of 31.01.2020
4CS	6050 mm AS	55.01.03.0180 rev.0	del / of 31.01.2020
4CS	6050 mm AD, AT	55.01.03.0174 rev.0	del / of 31.01.2020
disegno sospensione asse aggiunto sterzante: suspension drawing of added steering axle:		10.03.00.0042 rev.2	del / of 22.12.2015
		10.03.00.0048 rev.0	del / of 27.10.2014
		10.03.00.0058 rev.0	del / of 09.08.2018
		10.03.00.0063 rev.0	del / of 16.01.2021
		10.03.00.0064 rev.0	del / of 16.01.2021
		10110001 rev.1	del / of 26.04.2018
schema impianto frenante, con sollevatore 2° asse, con rimorchiabile: brake system layout drawing, with retractable 2 nd axle, towing vehicle:	25.01.20.0024, pag. 1	rev.5	del / of 31.10.2023
schema impianto frenante, con sollevatore 2° asse, senza rimorchiabile: brake system layout drawing, with retractable 2 nd axle, no towing vehicle:	25.01.20.0024, pag. 2	rev.5	del / of 31.10.2023
schema impianto frenante, con sollevatore 2° asse, con rimorchiabile, versione hi-traction: brake system layout drawing, with retractable 2 nd axle, towing vehicle, hi-traction version:	25.01.20.0024, pag. 3	rev.5	del / of 31.10.2023
schema impianto frenante, con sollevatore 2° asse, senza rimorchiabile, versione hi-traction: brake system layout drawing, with retractable 2 nd axle, no towing vehicle, hi-traction version:	25.01.20.0024, pag. 4	rev.5	del / of 31.10.2023



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schema impianto pneumatico, con sollevatore 2° asse: <i>pneumatic system layout drawing, with retractable 2nd axle:</i>	25.01.20.0024, pag. 5 e 6 rev.5	del / of 31.10.2023
schema impianto frenante, senza sollevatore 2° asse, con rimorchiabile: <i>brake system layout drawing, without retractable 2nd axle, towing vehicle:</i>	25.01.20.0031, pag. 1 rev.5	del / of 31.10.2023
schema impianto frenante, senza sollevatore 2° asse, senza rimorchiabile: <i>brake system layout drawing, without retractable 2nd axle, no towing vehicle:</i>	25.01.20.0031, pag. 2 rev.5	del / of 31.10.2023
schema impianto frenante, senza sollevatore 2° asse, con rimorchiabile, versione hi-traction: <i>brake system layout drawing, without retractable 2nd axle, towing vehicle, hi-traction version:</i>	25.01.20.0031, pag. 3 rev.5	del / of 31.10.2023
schema impianto frenante, senza sollevatore 2° asse, senza rimorchiabile, versione hi-traction: <i>brake system layout drawing, without retractable 2nd axle, no towing vehicle, hi-traction version:</i>	25.01.20.0031, pag. 4 rev.5	del / of 31.10.2023
schema impianto pneumatico, senza sollevatore 2° asse: <i>pneumatic system layout drawing, without retractable 2nd axle: pneumatic system layout drawing, with retractable 2nd axle:</i>	25.01.20.0031, pag. 5 e 6 rev.5	del / of 31.10.2023
pinza freno 2° asse: <i>brake pad of 2nd axle:</i>	Z002709 rev. 008	del / of 03.05.2002



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0. DATI GENERALI GENERAL

- 0.1. Marca (denominazione commerciale del costruttore): Iveco / System Truck
Make (trade name of manufacturer):
- 0.2. Tipo: ST 2Y3C 13R
Type:
- Varianti: **vedere allegati n° 0.0 e 0.1**
Variants: see annex No. 0.0 and 0.1
- Versioni: **vedere allegati n° 0.0 e 0.1**
Versions: see annex No. 0.0 and 0.1
- 0.2.1. Eventuale/i designazione/i commerciale/i: AD opp./or AT 260SY/FP CM, .../FP D, .../FS CM, .../FS D, .../P, .../PS, .../PT, .../FP, .../FS
Commercial name(s) (if available): AS 260SY/FP CM, .../FP GV, .../FS CM, .../FS GV, .../P, .../PS .../FP, .../FS
AS 260SY/FS CM NG, .../FS CM CNG, .../FS CM LNG, .../PS NG, .../PS CNG, .../PS LNG, .../FS NG, .../FS CNG, .../FS LNG
AT opp./or AD 260SY/PS NG, .../PS CNG, .../PS LNG, .../FS NG, .../FS CNG, .../FS LNG
AD, AT opp./or AS 260Y/PS, ...HR
AD, AT opp./or AS 280XY/PS, ...HR
- 0.3. Mezzi di identificazione del tipo, se marcati sul veicolo: numero di omologazione del tipo su targhetta
Means of identification of type, if marked on the vehicle: type approval number on manufacturer's plate
- 0.3.1. Posizione della marcatura: targhetta adesiva su parete frontale, dietro griglia radiatore
Location of that marking: adhesive plate on the front wall behind radiator grill near manufacturer's plate
- 0.4. Categoria del veicolo: N3
Category of vehicle:
- 0.5. Nome e indirizzo del costruttore: (fase 1) Iveco S.p.A.
Name and address of manufacturer: (stage 1) I-10156 Torino - Via Puglia, 35
(fase 2) S.T. System Truck S.p.A.
(stage 2) I-46048 Roverbella (MN) - Via Paesa, 28
- 0.8. Den./i e indirizzo/i dello/gli stabilimento/i di montaggio: S.T. System Truck S.p.A.
Name(s) and address(es) of assembly plant(s): I-46048 Roverbella (MN) - Via Paesa, 28
S.T. System Truck S.p.A.
E-28850 Torrejón de Ardoz (Madrid), c/Brújula, 20
- 0.9. Denominazione e indirizzo dell'(eventuale) rappresentante del costruttore: non ricorre
Name and address of the manufacturer's representative (if any): not applicable
- 0.10. Posizione e modalità di fissaggio del marchio di omologazione sul veicolo: targhetta adesiva su parete frontale, dietro griglia radiatore
Location and method of attachment of approval mark on the vehicle: adhesive plate on the front wall behind radiator grill near manufacturer's plate (stage 2)

1. CARATTERISTICHE COSTRUTTIVE GENERALI DEL VEICOLO GENERAL CONSTRUCTION CHARACTERISTICS OF THE VEHICLE

- 1.1. Fotografie e/o disegni di un veicolo rappresentativo: vedere allegato n° 1
Photographs and/or drawings of a representative vehicle: see annex Nr. 1



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Fotografia ¾ anteriore
Photo ¾ front



Fotografia ¾ posteriore
Photo ¾ rear

varianti - versioni:
variants - versions:

2?? - ???????????????????
4?? - ???????????????????

- | | | | | |
|-----------|--|---|------------------------|--|
| 1.3. | Numero di assi e di ruote:
<i>Number of axles and wheels:</i> | 4 | assi,
<i>axles,</i> | 10 ruote
<i>10 wheels</i> |
| 1.3.1. | Numero e posizione degli assi a ruote gemellate:
<i>Number and position of axles with twin wheels:</i> | 1 | asse,
<i>axle,</i> | 3° asse
<i>3rd axle</i> |
| 1.3.3. | Assi motore (numero, posizione, interconnessione):
<i>Powered axles (number, position, interconnection):</i> | vedere allegato n° 1
see annex Nr. 1 | | |
| 1.8. | Lato di guida:
<i>Hand of drive:</i> | a sinistra
<i>left</i> | oppure
<i>or</i> | a destra
<i>right</i> |
| 1.8.1. | Il veicolo è predisposto per la circolazione stradale:
<i>Vehicle is equipped to be driven in:</i> | a destra
<i>right hand traffic</i> | oppure
<i>or</i> | a sinistra
<i>left hand traffic</i> |
| 2. | MASSE E DIMENSIONI (in kg e mm)
MASSES AND DIMENSIONS (in kg and mm)
(eventualmente con riferimento ai disegni)
(refer to drawing where applicable) | | | |
| 2.1. | Interasse o interassi (a pieno carico)
<i>Wheelbase(s) (fully loaded)</i> | | | |
| 2.1.1. | Veicoli a 2 assi:
<i>Two axle vehicles:</i> | non ricorre
<i>not applicable</i> | | |
| 2.1.1.1 | Veicoli a 3 o più assi:
<i>Vehicles with three or more axles:</i> | ricorre
<i>applicable</i> | | |
| 2.1.1.1.1 | Distanza tra assi consecutivi, da quello in posizione più avanzata a quello in posizione più arretrata:
<i>Axle spacing between consecutive axles going from the foremost to the rearmost axle:</i> | vedere allegato n°
<i>see annex Nr. 2</i> | 2 | |
| 2.1.1.2. | Distanza totale tra gli assi:
<i>Total axle spacing:</i> | vedere allegato n° 2
<i>see annex Nr. 2</i> | | |
| 2.2 | Ralla
<i>Fifth wheel</i> | | | |
| 2.2.2 | Veicoli trattori di semirimorchi:
<i>In case of semi-trailer towing vehicles:</i> | non ricorre
<i>not applicable</i> | | |
| 2.3.1. | Carreggiata di ciascun asse sterzante:
<i>Track of each steered axle:</i> | vedere allegato n° 2
<i>see annex Nr. 2</i> | | |



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- 2.3.2. Carreggiata di tutti gli altri assi:
Track of all other axles: vedere allegato n° 2
see annex Nr. 2
- 2.6. Massa del veicolo carrozzato, con il dispositivo di accoppiamento se veicolo trattore di categoria diversa dalla categoria M1, in ordine di marcia, oppure massa del telaio cabinato qualora il costruttore non fornisca la carrozzeria e/o il dispositivo di accoppiamento [compresi liquido refrigerante, lubrificanti, carburante, 100 % di altri liquidi, escluse le acque usate, attrezzi, ruota di scorta e conducente e, nel caso degli autobus, la massa di una seconda persona (75 kg) se nel veicolo è previsto per essa un apposito sedile]: (massima e minima):
Mass of the vehicle with bodywork, and with coupling device in the case of a towing vehicle of category other than M1 in running order, or mass of the chassis with cab if the manufacturer does not fit the bodywork and/or coupling device (including coolant, oils, fuel, 100 % other liquids except used waters, tools, spare wheel and driver and, for buses and coaches, the mass of the crew member (75 kg) if there is a crew seat in the vehicle):
(maximum and minimum):
- | | |
|----------|------|
| minima: | 8520 |
| massima: | 9970 |
- 2.6.1. Distribuzione di tale massa tra gli assi e, nel caso di un semirimorchio o di un rimorchio ad asse centrale, carico gravante sul punto di aggancio (massima e minima per ogni variante):
Distribution of this mass among the axles and, in the case of a semitrailer or centre-axle trailer, load on the coupling point
(maximum and minimum for each variant):
- | | 1° | 2° + 3° + 4° |
|----------|------|--------------|
| minima: | 4714 | 3806 |
| massima: | 5130 | 4840 |
- 2.7. Massa minima del veicolo completo dichiarata dal costruttore, nel caso di un veicolo incompleto:
Minimum mass of the completed vehicle as stated by the manufacturer, in the case of an incomplete vehicle: vedere allegato n° 2
see annex Nr. 2
- 2.7.1. Ripartizione di tale massa sugli assi e, nel caso di un semirimorchio o di un rimorchio ad asse centrale, carico gravante sul punto di accoppiamento:
Distribution of this mass among the axles and, in the case of semitrailer or centre-axle trailer, load on the coupling point: vedere allegato n° 2
see annex Nr. 2
- 2.8. Massa massima a pieno carico tecnicamente ammissibile dichiarata dal costruttore:
Technically permissible maximum laden mass stated by the manufacturer:
- | |
|-------|
| 35000 |
| 35000 |
- 2.8.1. Distribuzione di tale massa tra gli assi e, per semirimorchi o rimorchi ad asse centrale, carico gravante sul punto di traino:
Distribution of this mass among the axles and, in the case of a semitrailer or centre-axle trailer, load on the coupling point:
- | | |
|-----|-----------|
| 1°: | max 9000 |
| 2°: | max 7500 |
| 3°: | max 12000 |
| 4°: | max 8000 |
- 2.9. Carico/massa massima tecnicamente ammissibile su ciascun asse:
Technically permissible maximum mass on each axle: vedere allegato n° 2
see annex Nr. 2
- 2.10. Carico/massa massima tecnicamente ammissibile su ciascun gruppo di assi:
Technically permissible maximum load/mass on each axle group: vedere allegato n° 2
see annex Nr. 2
- 2.11. Massa massima rimorchiabile tecnicamente ammissibile del veicolo a motore in caso di
Technically permissible maximum towable mass of the motor vehicle in case of



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2.11.1.	- rimorchio a timone: - drawbar trailer:	vedere allegato n° 2 see annex Nr. 2	
2.11.2.	- semirimorchio: - semi-trailer:	non ricorre not applicable	
2.11.3.	- rimorchio ad asse centrale: - centre-axle trailer:	vedere allegato n° 2 see annex Nr. 2	
2.11.4.	Massa massima tecnicamente ammissibile a pieno carico del veicolo combinato: Technically permissible maximum laden mass of the combination:	vedere allegato n° 2 see annex Nr. 2	
2.11.6.	Massa massima del rimorchio non frenato: Maximum mass of unbraked trailer:	vedere allegato n° 2 see annex Nr. 2	
2.12.	Carico verticale statico/massa massima tecnicamente ammissibile sul punto di aggancio Technically permissible maximum static vertical load/mass on the vehicle's coupling point		
2.12.1.	- del veicolo a motore: - of the motor vehicle:	vedere allegato n° 2 see annex Nr. 2	
3.	CONVERTITORE DELL'ENERGIA DI PROPULSIONE PROPULSION ENERGY CONVERTER		
3.1.	Costruttore del convertitore o dei convertitori dell'energia di propulsione: Manufacturer of the propulsion energy converter(s):	FPT Industrial S.p.A.	
3.1.1	Codice motore del costruttore quale apposto sul motore: Manufacturer's engine code as marked on the engine:	vedere allegato n° 3 see annex Nr. 3	3
3.2.	Motore a combustione interna Internal combustion engine		
3.2.1.1.	Principio di funzionamento: Working principle:	vedere allegato n° 3 see annex Nr. 3	
	Ciclo: Cycle:	quattro tempi four stroke	
3.2.1.9.	Regime massimo ammesso dichiarato dal costruttore: Maximum permitted speed as prescribed by the manufacturer:	vedere allegato n° 3 see annex Nr. 3	
3.2.5.	Impianto elettrico Electrical system		
3.2.5.1.	Tensione nominale: Rated voltage:	24 V, terminale a massa: V, ground:	negativo negative
3.2.5.2.	Generatore Generator		
3.2.5.2.1.	Tipo: Type:	Alternatore Alternator	
3.2.5.2.2.	Potenza nominale: Nominal output:	1120 ÷ 3360 VA	
3.3.	Motore elettrico Electric motor		
3.3.1.	Tipo (avvolgimento, eccitazione): Type (winding, excitation):	non ricorre not applicable	
3.3.1.1.	Potenza oraria massima: Maximum hourly output:	non ricorre not applicable	



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3.3.1.2. Tensione di esercizio:
Operating voltage: non ricorre
not applicable

3.3.2. Batteria
Battery

3.3.2.2. Massa:
Mass: non ricorre
not applicable

3.3.2.4. Ubicazione:
Position: non ricorre
not applicable

3.4. Altri motori o propulsori o loro combinazioni (indicazione
degli elementi di questi tipi di motori):
*Other engines or motors or combinations thereof (particulars
regarding the parts of such engines or motors):* non ricorre
not applicable

4. TRASMISSIONE *TRANSMISSION*

4.2. Tipo di trasmissione (meccanica, idraulica, elettrica, ecc.):
Type (mechanical, hydraulic, electric,...): 3° asse interconnessione meccanica oppure
1° asse idraulica e 3° asse meccanica (versioni hi-traction)
3rd axle mechanical interconnection or
1st axle hydraulic and 3rd axle mechanical (hi-traction versions,

4.6. Rapporti di trasmissione:
Gear ratios: **vedere allegato n° 4**
see annex Nr. 4

Marcia <i>Gear</i>	Rapporti del cambio (rapporti tra il numero di giri dell'albero motore e quelli dell'albero se- condario del cambio) <i>Internal gearbox ratios (ratios of engine to gearbox output shaft revolutions)</i>	Rapporto(i) finale/i (rapporto tra il numero di giri dell'albero secon- dario e quelli delle ruo- te motrici) <i>Final drive ratio(s) (ratio of gearbox output shaft to driven wheel revolutions)</i>	Rapporti totali di trasmissione <i>Total gear ratios</i>
Massimo per cambio continuo ⁽¹⁾ <i>Maximum for CVT (1)</i> 1 2 3 ... Minimo per cambio continuo ⁽¹⁾ <i>Minimum for CVT (1)</i> Retromarcia <i>Reverse</i>			

⁽¹⁾ Trasmissione cambio continuo.

Continuously variable transmission.

4.7. Velocità massima di progetto del veicolo:
Maximum vehicle design speed: max 90 km/h con limitatore di velocità
with speed limiting device

5. ASSI *AXLES*

5.4. Posizione dello/gli asse/i sollevabile/i:
Position of retractable axle(s): vedere allegato n° 5
see annex Nr. 5

6. SOSPENSIONE *SUSPENSION*

6.1. Disegno dei dispositivi di sospensione:
Drawing of the suspension arrangements: 1° asse: originale Iveco
1st axle: original Iveco



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2° asse: vedere allegato n° 6
2nd axle: see annex Nr. 6

3° asse: originale Iveco
3rd axle: original Iveco

4° asse: originale Iveco
4th axle: original Iveco

6.2. Tipo e modello della sospensione di ciascun asse o ruota:
Type and design of the suspension of each axle or wheel:

1°: sospensione meccanica o pneumatica, ammortizzatori idraulici
mechanical suspension or air suspension, hydraulic shock absorbers

2°: sospensione pneumatica, ammortizzatori idraulici, vedere allegato n° 6
air suspension, hydraulic shock absorbers, see annex Nr. 6

3°: sospensione pneumatica, ammortizzatori idraulici
air suspension, hydraulic shock absorbers

4°: sospensione pneumatica, ammortizzatori idraulici
air suspension, hydraulic shock absorbers

6.6. Pneumatici e ruote
Tyres and wheels

6.6.1. Combinazione/i pneumatico/cerchione:
Tyre/wheel combination(s):

a) per gli pneumatici indicare la designazione della misura, l'indice della capacità di carico, il simbolo della categoria di velocità ed eventualmente la resistenza al rotolamento ai sensi della norma ISO 28580

a) for tyres indicate size designation, load-capacity index, speed category symbol, rolling resistance in accordance with ISO 28580 (where applicable)

b) per le ruote, indicare dimensioni del cerchione e dati della campanatura

b) for wheels indicate rim size(s) and off-set(s)

6.6.1.1. Assi
Axles

6.6.1.1.1. Asse 1:
Axle 1: vedere allegato n° 6
see annex Nr. 6

6.6.1.1.2. Asse 2:
Axle 2: vedere allegato n° 6
see annex Nr. 6

6.6.1.1.3. Asse 3:
Axle 3: vedere allegato n° 6
see annex Nr. 6

6.6.1.1.4. Asse 4:
Axle 4: vedere allegato n° 6
see annex Nr. 6

6.6.2. Limiti superiori e inferiori del raggio di rotolamento:
Upper and lower limits of rolling radii:

6.6.2.1. Asse 1:
Axle 1: vedere allegato n° 6
see annex Nr. 6

6.6.2.2. Asse 2:
Axle 2: vedere punto 6.6.2.1.
see point 6.6.2.1.



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6.6.2.3.	Asse 3: Axle 3:	vedere punto 6.6.2.1. see point 6.6.2.1.
6.6.2.4.	Asse 4: Axle 4:	vedere punto 6.6.2.1. see point 6.6.2.1.
6.6.3.	Pressione/i degli pneumatici raccomandata/e dal costruttore del veicolo: <i>Tyre pressure(s) as recommended by the vehicle manufacturer:</i>	
6.6.3.1.	1° asse: 1 st axle:	vedere punto 6.6.2.1. see point 6.6.2.1.
6.6.3.2.	2° asse: 2 nd axle:	vedere punto 6.6.2.1. see point 6.6.2.1.
6.6.3.3.	3° asse: 3 rd axle:	vedere punto 6.6.2.1. see point 6.6.2.1.
6.6.3.4.	Asse 4: Axle 4:	vedere punto 6.6.2.1. see point 6.6.2.1.
6.6.5.	Breve descrizione dell'eventuale unità di scorta per uso temporaneo: <i>Brief description of temporary-use spare unit, if any:</i>	non ricorre not applicable
8.	FRENI BRAKES	
8.1.	Tipo e caratteristiche dei freni, conformemente al punto 2.6 del Regolamento UNECE 13) con uno schema dimensionale inclusi dati e disegni dei tamburi, dei dischi, dei tubi, marca e tipo delle ganasce/pastiglie e/o guarnizioni, superfici frenanti effettive, raggio dei tamburi, delle ganasce o dei dischi, massa dei tamburi, dei dispositivi di regolazione, delle parti interessate dello/gli asse/i e della sospensione): <i>Type and characteristics of the brakes as defined in point 2.6 of Regulation UNECE 13 including details and drawings of the drums, discs, hoses make and type of shoe/pad assemblies and/or linings, effective braking areas, radius of drums, shoes or discs, mass of drums, adjustment devices, relevant parts of the axle(s) and suspension:</i>	1° asse: invariato rispetto al veicolo base, con omologazione: E3*13R11/18*1819*15 del 06.06.2023 - freno a disco Ø432 mm, spessore 45 mm - brake chamber combinato con molla: 24/14" opp. 30/14" oppure 24" opp. 30" (versione hi-traction) - guarnizioni freni: Ferodo 4550, Ferodo 3475 F, Galfer G 3358, Textar T 3030, Textar T 3008, Jurid 424, Jurid 539 oppure Pagid 202 1st axle: unchanged, respect to stage I vehicle, with approval: E3*13R11/18*1819*15 of 06.06.2023 - disc brake: Ø432 mm, width 45 mm - brake chamber combined with spring: 24/14" or 30/14" or 24" or 30" (hi-traction version) - brake linings: Ferodo 4550, Ferodo 3475 F, Galfer G 3358, Textar T 3030, Textar T 3008, Jurid 424, Jurid 539 oppure Pagid 202 2° asse: - pinze Knorr Bremse SN7052 oppure SN7042 disegno Knorr Bremse n° Z002709 del 03.05.2002 - freno a disco Ø432 mm, spessore 45 mm - area della pastiglia: min 196 cm², spessore 21 mm - brake chamber: 12"



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		- guarnizioni freni: Ferodo 4550, Ferodo 3475 F, Galfer G 3358, Textar T 3030, Textar T 3008, Jurid 424, Jurid 539 oppure Pagid 202	
2 nd axle:	- brake pad Knorr Bremse SN7052 or SN7042 Knorr Bremse drawing No. Z002709 of 03.05.2002 - disc brake: Ø432 mm, width 45 mm - pad area: min 196 cm ² , width 21 mm - brake chamber: 12" - brake linings: Ferodo 4550, Ferodo 3475 F, Galfer G 3358, Textar T 3030, Textar T 3008, Jurid 424, Jurid 539 oppure Pagid 202		
3° asse:	invariato rispetto al veicolo base, con omologazione: E3*13R11/18*1819*15 del 06.06.2023 - freno a disco Ø432 mm, spessore 45 mm - brake chamber combinato con molla: 20/24" - guarnizioni freni: Ferodo 4550, Ferodo 3475 F, Galfer G 3358, Textar T 3030, Textar T 3008, Jurid 424, Jurid 539 oppure Pagid 202		
3 rd axle:	unchanged, respect to stage I vehicle, with approval: E3*13R11/18*1819*15 of 06.06.2023 - disc brake: Ø432 mm, width 45 mm - brake chamber combined with spring: 20/24" - brake linings: Ferodo 4550, Ferodo 3475 F, Galfer G 3358, Textar T 3030, Textar T 3008, Jurid 424, Jurid 539 oppure Pagid 202		
4° asse:	invariato rispetto al veicolo base, con omologazione: E3*13R11/18*1819*15 del 06.06.2023 - freno a disco Ø432 mm, spessore 45 mm - brake chamber: 14" oppure 12" oppure 14/16" opp. 12/16" (versione hi-traction) - guarnizioni freni: Ferodo 4550, Ferodo 3475 F, Galfer G 3358, Textar T 3030, Textar T 3008, Jurid 424, Jurid 539 oppure Pagid 202		
4 th axle:	unchanged, respect to stage I vehicle, with approval: E3*13R11/18*1819*15 of 06.06.2023 - disc brake: Ø432 mm, width 45 mm - brake chamber: 14" or 12" or 14/16" or 12/16" (hi-traction version) - brake linings: Ferodo 4550, Ferodo 3475 F, Galfer G 3358, Textar T 3030, Textar T 3008, Jurid 424, Jurid 539 oppure Pagid 202		
8.2.	Curva di funzionamento, descrizione e/o disegno dei sistemi di frenatura descritti al punto 2.3 del Regolamento UNECE 13, compresi dati e disegni della trasmissione e dei dispositivi di comando: <i>Operating diagram, description and/or drawing of the braking systems described in point 2.3 of Regulation UNECE 13 including details and drawings of the transmission and controls:</i>	invariato rispetto al veicolo base, con omologazione: E3*13R11/18*1819*15 del 06.06.2023 <i>unchanged, respect to stage I vehicle, with approval:</i> E3*13R11/18*1819*15 of 06.06.2023	
8.2.1.	Impianto frenante di servizio: <i>Service braking system:</i>	vedere allegato n° 7 see annex Nr. 7	
8.2.2.	Impianto frenante di soccorso: <i>Secondary braking system:</i>	conglobato con il freno di servizio, per sdoppiamento di sezioni <i>included with service braking system, for splitting of sections</i>	
8.2.3.	Impianto del freno di stazionamento: <i>Parking braking system:</i>	meccanico a molla, agente su: oppure trasmissione: e con comando: <i>by the spring-brake actuator of the:</i> or: <i>transmission:</i> and control:	1° e 3° asse 3° e 4° asse pneumatica a mano <i>axles 1st and 3rd</i> axles 3rd and 4th <i>pneumatic</i> <i>hand</i>



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8.2.4.	Eventuali impianti frenanti complementari: <i>Any additional braking system:</i>	- freno motore con comando indipendente - optional rallentatore idraulico - obbligo del rallentatore idraulico con equipaggiamento di cambio automatico - con rallentatore idraulico per veicoli CNG/LNG - sistema ACC (controllo adattativo della velocità) - <i>exhaust brake with separate control</i> - <i>optional hydraulic retarder</i> - <i>hydraulic retarder compulsory with automatic gear box equipment</i> - <i>with hydraulic retarder for CNG/LNG vehicles</i> - <i>ACC system (adaptive cruise control)</i>
8.2.5.	Impianto frenante d'emergenza in caso di distacco accidentale del rimorchio: <i>Break-away braking system:</i>	ricorre <i>applicable</i>
8.3.	Comando e trasmissione degli impianti frenanti del rimorchio in veicoli destinati al traino di un rimorchio: - pressione alla condotta dell'automatico: - pressione alla condotta del moderabile: <i>Control and transmission of trailer braking systems in vehicles designed to tow a trailer:</i> - <i>reservoir pressure at coupling head:</i> - <i>braking pressure at coupling head:</i>	vedere punto 8.2.1. 8,5 - 0,3 bar 8,5 - 0,3 bar <i>see point 8.1.</i> 8,5 - 0,3 bar 8,5 - 0,3 bar
8.4.	Veicolo è predisposto per il traino di un rimorchio dotato di sistema pneumatico di frenatura di servizio: <i>Vehicle is equipped to tow a trailer with pneumati service brakes:</i>	sì <i>yes</i>
8.5.	Sistema antibloccaggio: <i>Anti-lock braking system:</i>	sì categoria 1 <i>yes category 1</i>
8.5.1.	Per i veicoli muniti di sistemi di frenatura antibloccaggio, descrizione del funzionamento del sistema (compresi eventuali elementi elettronici), curva del bloccaggio elettrico e schema del circuito idraulico o pneumatico: <i>For vehicles with anti-lock braking systems, description of system operation (including any electronic parts), electric block diagram, hydraulic or pneumatic circuit plan:</i>	invariato rispetto al veicolo base, con omologazione: E3*13R11/18*1819*15 del 06.06.2023 <i>unchanged, respect to stage I vehicle, with approval:</i> E3*13R11/18*1819*15 of 06.06.2023
8.6.	Calcoli e curve conformemente al Regolamento UNECE 13 o all'appendice all'allegato 14, se applicabile: <i>Calculation and curves according to UNECE Regulation 13 or to the Appendix to Annex 14 thereto if applicable:</i>	non ricorre <i>not applicable</i>
8.7.	Descrizione e/o disegno del sistema di alimentazione di energia, da indicare anche nel caso dei sistemi di frenatura servoassistiti: <i>Description and/or drawing of the energy supply, also to be specified for power-assisted braking systems:</i>	compressore monocilindrico (352 cm ³) oppure bicilindrico (460 - 630 cm ³), con portata ≥ 550 l/min alla velocità del motore di 1900 ÷ 2400 min ⁻¹ <i>single-cylinder (352 cm³) or twin-cylinder (460 - 630 cm³) compressor, with delivery rate ≥ 550 l/min, at engine speed 1900 ÷ 2400 min⁻¹</i>
8.7.1.	Nel caso di sistemi ad aria compressa, pressione di esercizio p ₂ nel o nei serbatoi: <i>In the case of compressed-air braking systems, working pressure p₂ in the pressure reservoir(s):</i>	10,5 + 0,2 bar oppure / or 12,5 ± 0,2 bar oppure / or 11,0 ± 0,2 bar oppure / or 10,0 ÷ 12,5 bar
8.7.2.	Nel caso di sistemi di frenatura a depressione, livello iniziale di energia nel o nei serbatoi: <i>In the case of vacuum braking systems, the initial energy level in the reservoir(s):</i>	non ricorre <i>not applicable</i>



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- 8.8. Calcolo del sistema di frenatura: determinazione del rapporto tra la somma delle forze frenanti alla periferia delle ruote e le forze esercitate sul comando del freno:

Calculation of the braking system: determination of the ratio between the total braking forces at the circumference of the wheels and the force applied to the braking control:

- per 2° asse vedere allegato n° 7
- **per gli altri assi, vedere omol.: E3*13R11/18*1819*15 del 06.06.2023**

- for 2nd axle see annex Nr. 7
- **for the other axles, see approval: E3*13R11/18*1819*15 of 06.06.2023**

- 8.9. Breve descrizione dell'impianto frenante ai sensi del punto 1.6 dell'addendum all'appendice 1 dell'allegato IX della direttiva 71/320/CEE):

Brief description of the braking systems (according to item 1.6 of the Addendum to Appendix 1 of Annex IX to Directive 71/320/EEC):

vedere punto 8.2.1.

see point 8.2.1.

- 8.10. Se viene richiesta l'esenzione dalle prove di tipo I e/o di tipo II o di tipo III, indicare il numero del verbale conformemente all'appendice 3 dell'allegato 11 al Regolamento UNECE 13:

If claiming exemptions from the Type I and/or Type II or Type III tests, state the number of the report in accordance with Appendix 3 of Annex 11 to UNECE Regulation 13:

non ricorre

not applicable

- 8.11. Dati del tipo o dei tipi di sistemi di frenatura elettronica (EBS):

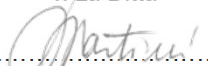
Particulars of the type(s) of endurance braking system(s) (EBS):

vedere punto 8.5.1.

see point 8.5.1.

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Revision of

x La Ditta


(ing. Paolo MARTINI)
I. SYSTEM TRUCK S.p.A.
Via Paesa, 28 - 46048 ROVERBELLA (MN) ITALY
C.F. 02209770797 - P.IVA: 03117430235
tel. +39.0376.696809
e-mail: info@stsystemtruck.com
PEC: stsystemtruck@legalmail.it

Ruolo: Direttore tecnico
Position: Technical Director



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CHIAVE INTERPRETAZIONE VARIANTI E VERSIONI VARIANTS AND VERSIONS EXPLANATION KEY

Caratteristiche Characteristics	Descrizione Description	Tipo Type	Varianti Variants	Versioni Versions
Nome costruttore Manufacturer's company name	Iveco / S.T. System Truck S.p.A.	ST		
Tipo di veicolo della fase I, progettazione e costruzione del telaio, categoria, numero di assi Type of stage I, design and construction, category, number of axles	A260 / A280, autotelaio (carro), cat. N3, 4 assi A260 / A280, chassis (truck), cat. N3, 4 axles	2Y3C		
Fase di completamento Extent of build	incompleto S-Way incomplete S-Way		2	
	incompleto X-Way incomplete X-Way		4	
Numero assi sterzanti Number steering axle	2 (1° e 2° asse / 1 st and 2 nd axle)		A	
	3 (1°, 2° e 4° asse / 1 st , 2 nd and 4 th axle)		C	
Principio di funzionamento Working principle	accensione spontanea compression ignition		S	
	accensione comandata positive ignition		C	
Cilindrata Engine capacity	12900 cm ³			G3
	8710 cm ³			G9
	8710 cm ³			09
	11120 cm ³			11
	12882 cm ³			12
Interasse (1° ÷ 3° asse) Wheelbase (1 st ÷ 3 rd axle)	4200 mm			CB
	4500 mm			DB
	4800 mm			EB
	5100 mm			FB
	5500 mm			LB
	5700 mm			GB
	6050 mm			HB
Direttiva emissioni Directive emission	Euro VI E			E
	Euro VI E2			2



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Caratteristiche Characteristics	Descrizione Description	Tipo Type	Varianti Variants	Versioni Versions
Tipo cabina Cab type	AD			D
	AT			T
	AS			S
Potenza del motore Engine power	200 kW			T
	251 kW			W
	265 kW			B
	294 kW			V
	309 kW			C
	338 kW			E
	353 kW			F
	357 kW			X
	387 kW			Y
	419 kW			S
Tipo 3° asse 3 rd axle type	SR			S
	HR			H
Massa massima su 1° asse Maximum mass on 1 st axle	9000 kg			90
	8600 kg			86
	8000 kg			80
	7500 kg			75
	6700 kg			67
Massa massima su 3° asse Maximum mass on 3 rd axle	12000 kg			B2
	11500 kg			11
4° asse 4 th axle	sollevabile / liftable			A
	sollevabile e sterzante / liftable and steering			B
Massa massima su 4° asse Maximum mass on 4 th axle	8000 kg			80
	7500 kg			75
	6700 kg			67
Uscita gas di scarico Exhaust exit	laterale sinistra / side left			S
	verticale / vertical			V
	centrale / centre			C



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Caratteristiche Characteristics	Descrizione Description	Tipo Type	Varianti Variants	Versioni Versions
Tipo di cambio Type of gear	manuale / <i>manual</i>			
	automatico / <i>automatic</i>			
Interasse (2° ÷ 3° e 3° ÷ 4° asse) Wheelbase (2 nd ÷ 3 rd and 3 rd ÷ 4 th axle)	2° ÷ 3°: 1365 mm - 3° ÷ 4°: 1395 mm			
	2° ÷ 3°: 1320 mm - 3° ÷ 4°: 1395 mm			
	2° ÷ 3°: 1410 mm - 3° ÷ 4°: 1395 mm			
ADR	con ADR / <i>with ADR</i>			
	con ADR classe AT / <i>with ADR class AT</i>			
	senza ADR / <i>without ADR</i>			
Sistema di frenatura Braking system	manuale / <i>manual</i>			
	EBS, senza rimorchiabile / <i>EBS, no towing vehicle</i>			
2° asse 2 nd axle	sollevabile / <i>retractable</i>			
	non sollevabile (con o senza rallenatore Telma AD72-00) <i>not retractable (with or without Telma AD 72-00 retarder)</i>			



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COMBINAZIONI POSSIBILI PERMISSIBLE COMBINATION

Varianti
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2 C S

0	9	CB	E	D	W	S	67	11	B	67	S	M	P	S	F	A
		DB		T	B			B2			V		Q	T	N	B
		EB			V						C		R	N		
		FB														
		LB														
		GB														
		HB														

2 C S

0	9	CB	E	D	W	S	80	B2	B	67	S	M	P	S	F	A
		DB		T	B						V		Q	T	N	B
		EB			V						C		R	N		
		FB														
		LB														
		GB														
		HB														

2 C S

0	9	CB	E	D	W	S	75	11	B	75	S	M	P	S	F	A
		DB		T	B		80				V		Q	T	N	B
		EB			V		86				C		R	N		
		FB					90									
		LB														
		GB														
		HB														

2 C S

0	9	CB	E	D	W	S	75	B2	B	75	S	M	P	S	F	A
		DB		T	B		80			80	V		Q	T	N	B
		EB			V		86				C		R	N		
		FB					90									
		LB														
		GB														
		HB														

2 A S

0	9	CB	E	D	W	S	67	11	A	67	S	A	P	S	N	A
		DB		T	B			B2			V		Q	T		B
		EB									C		R	N		
		FB														
		LB														
		GB														
		HB														

2 A S

0	9	CB	E	D	W	S	80	B2	A	67	S	A	P	S	N	A
		DB		T	B						V		Q	T		B
		EB									C		R	N		
		FB														
		LB														
		GB														
		HB														

2 A S

0	9	CB	E	D	W	S	75	11	A	75	S	A	P	S	N	A
		DB		T	B		80				V		Q	T		B
		EB					86				C		R	N		
		FB					90									
		LB														
		GB														
		HB														



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Versions

2 A S	0 9 CB E D W S 75 B2 A 75 S A P S N	A B
	DB T B 80 80 V Q T	
	EB 86 C R N	
	FB 90	
	LB	
	GB	
	HB	
2 A S	0 9 CB E D W S 67 11 A 67 S M P S F	A B
	DB T B B2 V Q T N	
	EB V C R N	
	FB	
	LB	
	GB	
	HB	
2 A S	0 9 CB E D W S 80 B2 A 67 S M P S F	A B
	DB T B V V Q T N	
	EB V C R N	
	FB	
	LB	
	GB	
	HB	
2 A S	0 9 CB E D W S 75 11 A 75 S M P S F	A B
	DB T B 80 80 V Q T N	
	EB 86 C R N	
	FB 90	
	LB	
	GB	
	HB	
2 A S	0 9 CB E D W S 75 B2 A 75 S M P S F	A B
	DB T B 80 80 V Q T N	
	EB 86 C R N	
	FB 90	
	LB	
	GB	
	HB	
2 C S	1 1 CB E D C S 67 11 B 67 S M P S F	A B
	DB T E B2 V Q T N	
	EB F C R N	
	FB	
	LB	
	GB	
	HB	
2 C S	1 1 CB E D C S 80 B2 B 67 S M P S F	A B
	DB T E V Q T N	
	EB F C R N	
	FB	
	LB	
	GB	
	HB	



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2	C	S	1	1	CB	E	D	C	S	75	11	B	75	S	M	P	S	F	A
					DB		T	E		80				V		Q	T	N	B
					EB			F		86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														
2	C	S	1	1	CB	E	D	C	S	75	B2	B	75	S	M	P	S	F	A
					DB		T	E		80			80	V		Q	T	N	B
					EB			F		86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														
2	A	S	1	1	CB	E	D	C	S	67	11	A	67	S	M	P	S	F	A
					DB		T	E			B2			V		Q	T	N	B
					EB			F						C		R	N		
					FB														
					LB														
					GB														
					HB														
2	A	S	1	1	CB	E	D	C	S	80	B2	A	67	S	M	P	S	F	A
					DB		T	E						V		Q	T	N	B
					EB			F						C		R	N		
					FB														
					LB														
					GB														
					HB														
2	A	S	1	1	CB	E	D	C	S	75	11	A	75	S	M	P	S	F	A
					DB		T	E		80				V		Q	T	N	B
					EB			F		86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														
2	A	S	1	1	CB	E	D	C	S	75	B2	A	75	S	M	P	S	F	A
					DB		T	E		80			80	V		Q	T	N	B
					EB			F		86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														
2	C	S	1	1	CB	E	S	C	S	67	11	B	67	S	M	P	S	F	A
					DB			E			B2			V		Q	T	N	B
					EB									C		R	N		
					FB														
					LB														
					GB														
					HB														



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COMBINAZIONI POSSIBILI PERMISSIBLE COMBINATION

Varianti
Variants

Versioni
Versions

2	C	S	1	1	CB	E	S	C	S	80	B2	B	67	S	M	P	S	F	A
					DB			E						V		Q	T	N	B
					EB									C		R	N		
					FB														
					LB														
					GB														
					HB														
2	C	S	1	1	CB	E	S	C	S	75	11	B	75	S	M	P	S	F	A
					DB			E		80				V		Q	T	N	B
					EB					86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														
2	C	S	1	1	CB	E	S	C	S	75	B2	B	75	S	M	P	S	F	A
					DB			E		80			80	V		Q	T	N	B
					EB					86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														
2	A	S	1	1	CB	E	S	C	S	67	11	A	67	S	M	P	S	F	A
					DB			E			B2			V		Q	T	N	B
					EB									C		R	N		
					FB														
					LB														
					GB														
					HB														
2	A	S	1	1	CB	E	S	C	S	80	B2	A	67	S	M	P	S	F	A
					DB			E						V		Q	T	N	B
					EB									C		R	N		
					FB														
					LB														
					GB														
					HB														
2	A	S	1	1	CB	E	S	C	S	75	11	A	75	S	M	P	S	F	A
					DB			E		80				V		Q	T	N	B
					EB					86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														
2	A	S	1	1	CB	E	S	C	S	75	B2	A	75	S	M	P	S	F	A
					DB			E		80			80	V		Q	T	N	B
					EB					86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														



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2	A	S	1	2	CB	E	S	X	S	67	11	A	67	S	M	P	S	F	A
					DB			Y			B2			V		Q	T	N	B
					EB			S						C		R	N		
					FB														
					LB														
					GB														
					HB														
2	A	S	1	2	CB	E	S	X	S	80	B2	A	67	S	M	P	S	F	A
					DB			Y						V		Q	T	N	B
					EB			S						C		R	N		
					FB														
					LB														
					GB														
					HB														
2	A	S	1	2	CB	E	S	X	S	75	11	A	75	S	M	P	S	F	A
					DB			Y		80				V		Q	T	N	B
					EB			S		86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														
2	A	S	1	2	CB	E	S	X	S	75	B2	A	75	S	M	P	S	F	A
					DB			Y		80			80	V		Q	T	N	B
					EB			S		86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														
2	C	S	1	2	CB	E	S	X	S	67	11	B	67	S	M	P	S	F	A
					DB			Y			B2			V		Q	T	N	B
					EB			S						C		R	N		
					FB														
					LB														
					GB														
					HB														
2	C	S	1	2	CB	E	S	X	S	80	B2	B	67	S	M	P	S	F	A
					DB			Y						V		Q	T	N	B
					EB			S						C		R	N		
					FB														
					LB														
					GB														
					HB														
2	C	S	1	2	CB	E	S	X	S	75	11	B	75	S	M	P	S	F	A
					DB			Y		80				V		Q	T	N	B
					EB			S		86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														



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2	C	S	1	2	CB	E	S	X	S	75	B2	B	75	S	M	P	S	F	A
					DB			Y		80			80	V		Q	T	N	B
					EB			S		86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														
4	C	S	0	9	CB	E	D	W	S	75	B2	B	75	S	A	P	S	N	A
					DB		T			80			80	V		Q	T		B
					EB					86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														
4	C	S	0	9	CB	E	D	B	S	75	B2	B	75	S	A	P	S	N	A
					DB		T		H	80			80	V		Q	T		B
					EB					86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														
4	C	S	0	9	CB	E	D	W	S	75	B2	B	75	S	M	P	S	F	A
					DB		T			80			80	V		Q	T	N	B
					EB					86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														
4	C	S	0	9	CB	E	D	B	S	75	B2	B	75	S	M	P	S	F	A
					DB		T	V	H	80			80	V		Q	T	N	B
					EB					86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														
4	C	S	1	1	CB	E	D	C	S	75	B2	B	75	S	M	P	S	F	A
					DB		T	E	H	80			80	V		Q	T	N	B
					EB			F		86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														
4	C	S	1	1	CB	E	S	C	S	75	B2	B	75	S	M	P	S	F	A
					DB			E	H	80			80	V		Q	T	N	B
					EB					86				C		R	N		
					FB					90									
					LB														
					GB														
					HB														



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4 C S

1	2	CB	E	S	X	S	75	B2	B	75	S	M	P	S	F	
		DB			Y	H	80			80	V		Q	T	N	
		EB			S		86				C		R	N		
		FB					90									
		LB														
		GB														
		HB														

2 C C

G	9	CB	E	D	T	S	75	11	B	75	S	A	P	S	N	
		DB									V		Q	T		
		EB									C		R	N		
		FB														
		LB														
		GB														
		HB														

2 C C

G	9	CB	E	D	T	S	75	B2	B	75	S	A	P	S	N	
		DB					80			80	V		Q	T		
		EB									C		R	N		
		FB														
		LB														
		GB														
		HB														

2 C C

G	9	CB	E	D	T	S	86	B2	B	80	S	A	P	S	N	
		DB					90				V		Q	T		
		EB									C		R	N		
		FB														
		LB														
		GB														
		HB														

2 C C

G	9	CB	E	D	W	S	75	11	B	75	S	A	P	S	N	
		DB			T						V		Q	T		
		EB									C		R	N		
		FB														
		LB														
		GB														
		HB														

2 C C

G	9	CB	E	D	W	S	75	B2	B	75	S	A	P	S	N	
		DB			T		80			80	V		Q	T		
		EB									C		R	N		
		FB														
		LB														
		GB														
		HB														

2 C C

G	9	CB	E	D	W	S	86	B2	B	80	S	A	P	S	N	
		DB			T		90				V		Q	T		
		EB									C		R	N		
		FB														
		LB														
		GB														
		HB														



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2	C	C	G	9	CB	E	D	W	S	75	11	B	75	S	M	P	S	F	A
					DB		T	V						V		Q	T	N	B
					EB									C		R	N		
					FB														
					LB														
					GB														
					HB														
2	C	C	G	9	CB	E	D	W	S	75	B2	B	75	S	M	P	S	F	A
					DB		T	V		80			80	V		Q	T	N	B
					EB									C		R	N		
					FB														
					LB														
					GB														
					HB														
2	C	C	G	9	CB	E	D	W	S	86	B2	B	80	S	M	P	S	F	A
					DB		T	V		90				V		Q	T	N	B
					EB									C		R	N		
					FB														
					LB														
					GB														
					HB														
2	C	C	G	3	CB	E	S	E	S	75	11	B	75	S	M	P	S	F	A
					DB									V		Q	T	N	B
					EB									C		R	N		
					FB														
					LB														
					GB														
					HB														
2	C	C	G	3	CB	E	S	E	S	75	B2	B	75	S	M	P	S	F	A
					DB					80			80	V		Q	T	N	B
					EB									C		R	N		
					FB														
					LB														
					GB														
					HB														
2	C	C	G	3	CB	E	S	E	S	86	B2	B	80	S	M	P	S	F	A
					DB					90				V		Q	T	N	B
					EB									C		R	N		
					FB														
					LB														
					GB														
					HB														
2	C	C	G	9	CB	2	D	T	S	75	11	B	75	S	A	P	S	N	A
					DB									V		Q	T		B
					EB									C		R	N		
					FB														
					LB														
					GB														
					HB														



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2	C	C	G	9	CB	2	D	T	S	75	B2	B	75	S	A	P	S	N	A	B
					DB					80			80	V		Q	T			
					EB									C		R	N			
					FB															
					LB															
					GB															
					HB															
2	C	C	G	9	CB	2	D	T	S	86	B2	B	80	S	A	P	S	N	A	B
					DB					90				V		Q	T			
					EB									C		R	N			
					FB															
					LB															
					GB															
					HB															
2	C	C	G	9	CB	2	D	W	S	75	11	B	75	S	A	P	S	N	A	B
					DB		T							V		Q	T			
					EB									C		R	N			
					FB															
					LB															
					GB															
					HB															
2	C	C	G	9	CB	2	D	W	S	75	B2	B	75	S	A	P	S	N	A	B
					DB		T			80			80	V		Q	T			
					EB									C		R	N			
					FB															
					LB															
					GB															
					HB															
2	C	C	G	9	CB	2	D	W	S	86	B2	B	80	S	A	P	S	N	A	B
					DB		T			90				V		Q	T			
					EB									C		R	N			
					FB															
					LB															
					GB															
					HB															
2	C	C	G	9	CB	2	D	W	S	75	11	B	75	S	M	P	S	F	A	B
					DB		T	V						V		Q	T	N		
					EB									C		R	N			
					FB															
					LB															
					GB															
					HB															
2	C	C	G	9	CB	2	D	W	S	75	B2	B	75	S	M	P	S	F	A	B
					DB		T	V		80			80	V		Q	T	N		
					EB									C		R	N			
					FB															
					LB															
					GB															
					HB															



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2	C	C
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G	9	CB	2	D	W	S	86	B2	B	80	S	M	P	S	F	A
		DB		T	V		90				V		Q	T	N	B
		EB									C		R	N		
		FB														
		LB														
		GB														
		HB														

2	C	C
---	---	---

G	3	CB	2	S	E	S	75	11	B	75	S	M	P	S	F	A
		DB									V		Q	T	N	B
		EB									C		R	N		
		FB														
		LB														
		GB														
		HB														

2	C	C
---	---	---

G	3	CB	2	S	E	S	75	B2	B	75	S	M	P	S	F	A
		DB					80			80	V		Q	T	N	B
		EB									C		R	N		
		FB														
		LB														
		GB														
		HB														

2	C	C
---	---	---

G	3	CB	2	S	E	S	86	B2	B	80	S	M	P	S	F	A
		DB					90				V		Q	T	N	B
		EB									C		R	N		
		FB														
		LB														
		GB														
		HB														



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Punto Item	Variante Variant	Versione Version	Descrizione Description
1.1.	??C	??CB???????????????? ?	55.01.03.0130 del / of 10.10.2022 rev.1
	??C	??DB???????????????? ?	55.01.03.0131 del / of 10.10.2022 rev.1
	??C	??EB???????????????? ?	55.01.03.0132 del / of 10.10.2022 rev.1
	??C	??FB???????????????? ?	55.01.03.0133 del / of 10.10.2022 rev.1
	??C	??GB???????????????? ?	55.01.03.0134 del / of 10.10.2022 rev.1
	??C	??LB???????????????? ?	55.01.03.0135 del / of 10.10.2022 rev.1
	??C	??HB???????????????? ?	55.01.03.0136 del / of 10.10.2022 rev.1
	2?S	??CB?S???????????????? ?	55.01.03.0163 del / of 31.01.2020 rev.0
	2?S	??CB?D???????????????? ?	55.01.03.0157 del / of 31.01.2020 rev.0
	2?S	??CB?T???????????????? ?	55.01.03.0157 del / of 31.01.2020 rev.0
	2?S	??DB?S???????????????? ?	55.01.03.0164 del / of 31.01.2020 rev.0
	2?S	??DB?D???????????????? ?	55.01.03.0158 del / of 31.01.2020 rev.0
	2?S	??DB?T???????????????? ?	55.01.03.0158 del / of 31.01.2020 rev.0
	2?S	??EB?S???????????????? ?	55.01.03.0165 del / of 31.01.2020 rev.0
	2?S	??EB?D???????????????? ?	55.01.03.0159 del / of 31.01.2020 rev.0
	2?S	??EB?T???????????????? ?	55.01.03.0159 del / of 31.01.2020 rev.0
	2?S	??FB?S???????????????? ?	55.01.03.0166 del / of 31.01.2020 rev.0
	2?S	??FB?D???????????????? ?	55.01.03.0160 del / of 31.01.2020 rev.0
	2?S	??FB?T???????????????? ?	55.01.03.0160 del / of 31.01.2020 rev.0
	2?S	??GB?S???????????????? ?	55.01.03.0167 del / of 31.01.2020 rev.0
	2?S	??GB?D???????????????? ?	55.01.03.0161 del / of 31.01.2020 rev.0
	2?S	??GB?T???????????????? ?	55.01.03.0161 del / of 31.01.2020 rev.0
	2?S	??HB?S???????????????? ?	55.01.03.0168 del / of 31.01.2020 rev.0
	2?S	??HB?D???????????????? ?	55.01.03.0162 del / of 31.01.2020 rev.0
	2?S	??HB?T???????????????? ?	55.01.03.0162 del / of 31.01.2020 rev.0
	4CS	??CB?S???????????????? ?	55.01.03.0175 del / of 31.01.2020 rev.0
	4CS	??CB?D???????????????? ?	55.01.03.0169 del / of 31.01.2020 rev.0
	4CS	??CB?T???????????????? ?	55.01.03.0169 del / of 31.01.2020 rev.0
	4CS	??DB?S???????????????? ?	55.01.03.0176 del / of 31.01.2020 rev.0
	4CS	??DB?D???????????????? ?	55.01.03.0170 del / of 31.01.2020 rev.0
	4CS	??DB?T???????????????? ?	55.01.03.0170 del / of 31.01.2020 rev.0
	4CS	??EB?S???????????????? ?	55.01.03.0177 del / of 31.01.2020 rev.0
	4CS	??EB?D???????????????? ?	55.01.03.0171 del / of 31.01.2020 rev.0
	4CS	??EB?T???????????????? ?	55.01.03.0171 del / of 31.01.2020 rev.0
	4CS	??FB?S???????????????? ?	55.01.03.0178 del / of 31.01.2020 rev.0
	4CS	??FB?D???????????????? ?	55.01.03.0172 del / of 31.01.2020 rev.0
	4CS	??FB?T???????????????? ?	55.01.03.0172 del / of 31.01.2020 rev.0
	4CS	??GB?S???????????????? ?	55.01.03.0179 del / of 31.01.2020 rev.0
	4CS	??GB?D???????????????? ?	55.01.03.0173 del / of 31.01.2020 rev.0
	4CS	??GB?T???????????????? ?	55.01.03.0173 del / of 31.01.2020 rev.0
	4CS	??HB?S???????????????? ?	55.01.03.0180 del / of 31.01.2020 rev.0
	4CS	??HB?D???????????????? ?	55.01.03.0174 del / of 31.01.2020 rev.0
	4CS	??HB?T???????????????? ?	55.01.03.0174 del / of 31.01.2020 rev.0
1.3.3.	???	???????????????????? ?	1 asse, axle,
			3° asse, 3rd axle,
			interconnessione meccanica mechanical interconnection
		oppure / or	2 assi, axles,
			1° asse, 1st axle,
			trasmissione idraulica (hi-traction) hydraulic trasmission (hi traction)
			3° asse, 3rd axle,
			interconnessione meccanica mechanical interconnection



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Punto Item	Variante Variant	Versione Version	Descrizione Description
			1° ÷ 2° asse 1st ÷ 2nd axle 2° ÷ 3° asse 2nd ÷ 3rd axle 3° ÷ 4° asse 3rd ÷ 4th axle
2.1.2.1	???	??CB????????????P?? ?	2835 mm
	???	??CB????????????Q?? ?	2880 mm
	???	??CB????????????R?? ?	2790 mm
	???	??DB????????????P?? ?	3135 mm
	???	??DB????????????Q?? ?	3180 mm
	???	??DB????????????R?? ?	3090 mm
	???	??EB????????????P?? ?	3435 mm
	???	??EB????????????Q?? ?	3480 mm
	???	??EB????????????R?? ?	3390 mm
	???	??FB????????????P?? ?	3735 mm
	???	??FB????????????Q?? ?	3780 mm
	???	??FB????????????R?? ?	3690 mm
	???	??LB????????????P?? ?	4135 mm
	???	??LB????????????Q?? ?	4180 mm
	???	??LB????????????R?? ?	4090 mm
	???	??GB????????????P?? ?	4335 mm
	???	??GB????????????Q?? ?	4380 mm
	???	??GB????????????R?? ?	4290 mm
	???	??HB????????????P?? ?	4685 mm
	???	??HB????????????Q?? ?	4730 mm
	???	??HB????????????R?? ?	4640 mm
			1° ÷ 4° asse 1st ÷ 4th axle
2.1.2.2.	???	??CB???????????????? ?	5595 mm
	???	??DB???????????????? ?	5895 mm
	???	??EB???????????????? ?	6195 mm
	???	??FB???????????????? ?	6495 mm
	???	??LB???????????????? ?	6895 mm
	???	??GB???????????????? ?	7095 mm
	???	??HB???????????????? ?	7445 mm
			1° asse 1st axle 2° asse 2nd axle 3° asse 3rd axle 4° asse 4th axle
2.3.1.	?A?	???????????????????? ?	2040 ÷ 2125
	?C?	???????????????????? ?	2040 ÷ 2125
2.3.2.	?A?	???????????????????? ?	---
	?C?	???????????????????? ?	---
2.7.	2??	???????????????????? ?	9670
	4CS	???????????????????? ?	10430
2.7.1.	2??	???????????????????? ?	4720 1420 2180 1350
	4CS	???????????????????? ?	5160 1420 2430 1420
2.9.	???	????????86B2?80???? ?	8600 7500 12000 8000 kg
	???	????????86B2?75???? ?	8600 7000 12000 7500 kg
	???	????????80B2?80???? ?	8000 7500 12000 8000 kg
	???	????????80B2?75???? ?	8000 7000 12000 7500 kg
	???	????????80B2?67???? ?	8000 6300 12000 6700 kg
	???	????????75B2?80???? ?	7500 7500 12000 8000 kg
	???	????????75B2?75???? ?	7500 7000 12000 7500 kg
	???	????????67B2?67???? ?	6700 6300 12000 6700 kg
	???	????????8611?75???? ?	8600 7000 11500 7500 kg
	???	????????8011?75???? ?	8000 7000 11500 7500 kg
	???	????????7511?75???? ?	7500 7000 11500 7500 kg



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Punto Item	Variante Variant	Versione Version	Descrizione Description
	???	????????6711?67???? ?	6700 6300 11500 6700 kg
	???	????????9011?75???? ?	9000 7000 11500 7500 kg
	???	????????90B2?75???? ?	9000 7000 12000 7500 kg
	???	????????90B2?80???? ?	9000 7500 12000 8000 kg
2.10.	???	????????86B2?80???? ?	T_{post} / T_{rear} 27000 kg
	???	????????86B2?75???? ?	26500 kg
	???	????????80B2?80???? ?	27000 kg
	???	????????80B2?75???? ?	26500 kg
	???	????????80B2?67???? ?	25000 kg
	???	????????75B2?80???? ?	27000 kg
	???	????????75B2?75???? ?	26500 kg
	???	????????67B2?67???? ?	25000 kg
	???	????????8611?75???? ?	26000 kg
	???	????????8011?75???? ?	26000 kg
	???	????????7511?75???? ?	26000 kg
	???	????????6711?67???? ?	24500 kg
	???	????????9011?75???? ?	26000 kg
	???	????????90B2?75???? ?	26500 kg
	???	????????90B2?80???? ?	27000 kg
2.11.1.	???	????????86B2?80????F ?	Mcomb (2.11.5.) D= 70 ÷ 40000 44000 45000 60000 kg 285 285 285 285 kN
	???	????????86B2?75????F ?	8900 ÷ 30330 34330 35330 50330
	???	????????80B2?80????F ?	8900 ÷ 30330 34330 35330 50330
	???	????????80B2?75????F ?	8900 ÷ 30330 34330 35330 50330
	???	????????80B2?67????F ?	9100 ÷ 30330 34330 35330 50330
	???	????????75B2?80????F ?	8900 ÷ 30330 34330 35330 50330
	???	????????75B2?75????F ?	9000 ÷ 30330 34330 35330 50330
	???	????????67B2?67????F ?	9200 ÷ 30330 34330 35330 50330
	???	????????8611?75????F ?	8900 ÷ 30330 34330 35330 50330
	???	????????8011?75????F ?	9000 ÷ 30330 34330 35330 50330
	???	????????7511?75????F ?	9000 ÷ 30330 34330 35330 50330
	???	????????6711?67????F ?	9200 ÷ 30330 34330 35330 50330
	???	????????9011?75????F ?	8900 ÷ 30330 34330 35330 50330
	???	????????90B2?75????F ?	8900 ÷ 30330 34330 35330 50330
	???	????????90B2?80????F ?	8900 ÷ 30330 34330 35330 50330
	???	????????????????????N ?	non ricorre / not applicable

oppure 3500 kg con rimorchio a frenatura ad inerzia
or 3500 kg with trailer with inertia braking system



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Punto Item	Variante Variant	Versione Version	Descrizione Description
3.1.1.	2CC	G3??E?E???????????? ?	F3HGE601A*P
	2CC	G3??2?E???????????? ?	F3HGE601A*Z
	2CC	G9??E?T???????????? ?	F2CGE601F*P
	2CC	G9??2?T???????????? ?	F2CGE601F*Z
	2CC	G9??E?W???????????? ?	F2CGE601C*P
	2CC	G9??2?W???????????? ?	F2CGE601C*Z
	2CC	G9??E?V???????????? ?	F2CGE601E*P
	2CC	G9??2?V???????????? ?	F2CGE601E*Z
	2?S	09??E?B???????????? ?	F2CGE611B*P
	4CS	09??E?B???????????? ?	F2CGE611B*P
	2?S	09??E?V???????????? ?	F2CGE611A*P
	4CS	09??E?V???????????? ?	F2CGE611A*P
	2?S	11??E?C???????????? ?	F3GGE611C*P
	4CS	11??E?C???????????? ?	F3GGE611C*P
	2?S	11??E?E???????????? ?	F3GGE611B*P
	4CS	11??E?E???????????? ?	F3GGE611B*P
	2?S	11??E?F???????????? ?	F3GGE611A*P
	4CS	11??E?F???????????? ?	F3GGE611A*P
	2?S	12??E?X???????????? ?	F3HGE611J*P
	4CS	12??E?X???????????? ?	F3HGE611J*P
	2?S	12??E?Y???????????? ?	F3HGE611H*P
	4CS	12??E?Y???????????? ?	F3HGE611H*P
	2?S	12??E?S???????????? ?	F3HGE611A*P
	4CS	12??E?S???????????? ?	F3HGE611A*P
3.2.1.1.	??C	???????????????????? ?	accensione comandata / <i>positive ignition</i>
	??S	???????????????????? ?	accensione spontanea / <i>compression ignition</i>
3.2.1.9.	??C	G9???????????????? ?	2400 ± 50 min ⁻¹
	??C	G3???????????????? ?	2300 ± 50 min ⁻¹
	??S	09???????????????? ?	2400 ± 50 min ⁻¹
	??S	11???????????????? ?	2320 ± 50 min ⁻¹
	??S	12???????????????? ?	2320 ± 50 min ⁻¹



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4.6.

	12TX 141? TD	12TX 181? TD	12TX 181? TO	12TX 201? TO	12TX 221? TO	12TX 241? TO	12TX 261? TO	12TX 201? TD	12TX 221? TD	12TX 242? TD	12TX 262? TD	16TX 244? TD	16TX 264? TD	16TX 244? TO	16TX 264? TO	16S 182? TO	16S 162? TD	16S 222? TO	16S 252? TO	16S 222? TD	16S 232? TD	Allison 3200	Allison 3200R	Allison 3500	Allison 3500R				
1	16,69	16,69	12,92	12,92	12,92	12,92	12,92	16,69	16,69	16,69	16,69	17,94	17,94	14,68	14,68	13,80	16,41	13,80	13,80	16,41	16,41	3,49	3,49	4,59	4,59				
2	12,92	12,92	9,96	9,98	9,98	9,98	9,98	12,92	12,92	12,92	12,92	14,68	14,68	12,05	12,05	11,54	13,80	11,54	11,54	13,80	13,80	1,86	1,86	2,25	2,25				
3	9,93	9,93	7,67	7,69	7,69	7,69	7,69	9,93	9,93	9,93	9,93	12,12	12,12	9,92	9,92	9,49	11,28	9,49	9,49	11,28	11,28	1,41	1,41	1,54	1,54				
4	7,69	7,69	5,94	5,94	5,94	5,94	5,94	7,69	7,69	7,69	7,69	9,92	9,92	8,14	8,14	7,93	9,49	7,93	7,93	9,49	9,49	1,00	1,00	1,00	1,00				
5	5,90	5,90	4,57	4,57	4,57	4,57	4,57	5,90	5,90	5,90	5,90	8,28	8,28	6,78	6,78	6,53	7,76	6,53	6,53	7,76	7,76	0,75	0,75	0,75	0,75				
6	4,57	4,57	3,53	3,53	3,53	3,53	3,53	4,57	4,57	4,57	4,57	6,78	6,78	5,56	5,56	5,46	6,53	5,46	5,46	6,53	6,53	0,65	0,65	0,65	0,65				
7	3,66	3,66	2,83	2,83	2,83	2,83	2,83	3,66	3,66	3,66	3,66	5,57	5,57	4,57	4,57	4,57	5,43	4,57	4,57	5,43	5,43								
8	2,83	2,83	2,19	2,19	2,19	2,19	2,19	2,83	2,83	2,83	2,83	4,57	4,57	3,75	3,75	3,82	4,57	3,82	3,82	4,57	4,57								
9	2,17	2,17	1,68	1,68	1,68	1,68	1,68	2,17	2,17	2,17	2,17	3,93	3,93	3,22	3,22	3,02	3,59	3,02	3,02	3,59	3,59								
10	1,68	1,68	1,30	1,30	1,30	1,30	1,30	1,68	1,68	1,68	1,68	3,22	3,22	2,64	2,64	2,53	3,02	2,53	2,53	3,02	3,02								
11	1,29	1,29	1,00	1,00	1,00	1,00	1,00	1,29	1,29	1,29	1,29	2,65	2,65	2,17	2,17	2,08	2,47	2,08	2,08	2,47	2,47								
12	1,00	1,00	0,77	0,77	0,77	0,77	0,77	1,00	1,00	1,00	1,00	2,17	2,17	1,78	1,78	1,74	2,08	1,74	1,74	2,08	2,08								
13												1,81	1,81	1,49	1,49	1,43	1,70	1,43	1,43	1,70	1,70								
14												1,49	1,49	1,22	1,22	1,20	1,43	1,20	1,20	1,43	1,43								
15												1,22	1,22	1,00	1,00	1,00	1,19	1,00	1,00	1,19	1,19								
16												1,00	1,00	0,82	0,82	0,84	1,00	0,84	0,84	1,00	1,00								
R1	15,54	15,54	12,03	12,03	12,03	12,03	12,03	15,54	15,54	15,54	15,54	17,27	17,27	14,14	14,14	12,92	15,36	12,92	12,92	15,36	15,36	5,03	5,03	5,00	5,00				
R2	12,03	12,03	9,29	9,29	9,29	9,29	9,29	12,03	12,03	12,03	12,03	14,14	14,14	11,61	11,61	10,80	12,92	10,80	10,80	12,92	12,92								
R3	3,40	3,40	2,64	2,64	2,64	2,64	2,64	3,40	3,40	3,40	3,40	3,78	3,78	3,09	3,09														
R4	2,64	2,64	2,04	2,04	2,04	2,04	2,04	2,64	2,64	2,64	2,64	3,09	3,09	2,54	2,54														
	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2	3,2				



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Combinazioni motore / cambio / rapporto al ponte / ripartitore (se applicabile):

Engine / gear box / rear axle ratio / transfer box (if applicable) combinations:

	12TX 141? TD	12TX 181? TD	12TX 181? TO	12TX 201? TO	12TX 221? TO	12TX 241? TO	12TX 261? TO	12TX 201? TD	12TX 221? TD	12TX 242? TD	12TX 262? TD	16TX 244? TD	16TX 264? TD	16TX 244? TO	16TX 264? TO	16S 182? TO	16S 162? TD	16S 222? TO	16S 252? TO	16S 222? TD	16S 232? TD	Allison 3200	Allison 3200R	Allison 3500	Allison 3500R			
F3HGE601A*P F3HGE601A*Z				E																								
F2CGE601F*P F2CGE601F*Z F2CGE601C*P F2CGE601C*Z F2CGE601E*P F2CGE601E*Z				D																			D	D	D			
F2CGE611B*P F2CGE611A*P				B																			B	B	B	B	B	B
F3GGE611C*P F3GGE611B*P F3GGE611A*P				A	A	A	A		A											A	A	A	A					
F3HGE611J*P F3HGE611H*P F3HGE611A*P				I	H	H	H													H	H	H	H					

Rapporto ponte:

A:	2,31	2,47	2,64	2,83	2,85	3,08	3,09	3,36	3,70	4,11	4,63	5,29	6,17
A:	3,40	3,78	3,79	4,13	4,23	4,50	4,67	5,01	5,14	5,56	5,67	6,09	6,57

Rear axle ratio:

B:	2,31	2,47	2,64	2,83	2,85	3,08	3,09	3,36	3,70	4,11						
B:	4,23	4,63	4,67	5,01	5,29	6,17	3,40	3,78	3,79	4,13	4,50	5,14	5,56	5,67	6,09	6,57
H:	2,31	2,47	2,64	2,83	2,85	3,08	3,09	3,36	3,70	4,11	4,63					
H:	3,40	3,78	3,79	4,13	4,23	4,50	4,67	5,01	5,56							
I:	3,08	3,36	3,70	4,11												
D:	3,08	3,36	3,70	4,11	4,63	5,29	6,17									
E:	3,06	3,36	3,70	4,11	4,63											

Ripartitore: F

1,00	0,95	0,89
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stradale

-

1,60	1,62		1,536
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fuoristrada

Transfer box:

on road

off road

Rapporto totale: = rapporto cambio x rapporto ponte oppure rapporto cambio x rapporto ripartitore x rapporto ponte

Total ratio: = gear box ratio x rear axle ratio or gear box ratio x transfer box ratio x rear axle ratio



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Punto <i>Item</i>	Variante <i>Variant</i>	Versione <i>Version</i>	Descrizione <i>Description</i>
5.4.	???	???????????????????? A	2° e 4° asse 2nd and 4th axle
	???	???????????????????? B	4° asse 4th axle



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of 06.11.2023

Punto Item	Variante Variant	Versione Version	Descrizione Description								
6.1.	???	???????????????????? A	10.03.00.0042	rev.2		del / of	22.12.2015				
			10.03.00.0048	rev.0		del / of	27.10.2014				
			10.03.00.0063	rev.0		del / of	16.01.2021				
			10110001	rev.1		del / of	26.04.2018				
	???	???????????????????? B	10.03.00.0058	rev.0		del / of	09.08.2018				
			10.03.00.0064	rev.0		del / of	16.01.2021				
6.2.	???	???????????????????? A	25.01.20.0024	pag. 5 e 6	rev.5	del / of	31.10.2023				
	???	???????????????????? B	25.01.20.0031	pag. 5 e 6	rev.5	del / of	31.10.2023				
			Varianti Variants	Versioni Versions	Dimensione Size	Ind. di carico Load index	Carico Payload	Indice di vel. Speed index	Dim. cerchio Rim size	Offset acciaio Offset steel	Offset alluminio Offset aluminium
6.6.1.1.1.		????????67?????????? ?	385/55 R22,5	158	8500	J - L	22,5 x 11,75	130	120-135		
	???	????????75?????????? ?									
	???	????????80?????????? ?									
	???	????????67?????????? ?	315/60 R22,5	150	6700	G - L	22,5 x 9,00	161-162	150-153		
	???	????????67?????????? ?		154	7500						
	???	????????75?????????? ?									
	???	????????67?????????? ?	385/65 R22,5	158	8500	G - L	22,5 x 11,75	120-135	120-135		
	???	????????75?????????? ?									
	???	????????80?????????? ?									
	???	????????67?????????? ?	315/70 R22,5	160	9000	G - M	22,5 x 9,00	161-162	150-154		
	???	????????67?????????? ?		150	6700						
	???	????????75?????????? ?		154	7500						
	???	????????67?????????? ?	295/80 R22,5	156	8000	G - M	22,5 x 8,25 22,5 x 9,00	152-159 161-162	145-148 150-154		
	???	????????67?????????? ?		150	6700						
	???	????????75?????????? ?		154	7500						
	???	????????67?????????? ?	305/70 R22,5	150	6700	G - M	22,5 x 8,25 22,5 x 9,00	152-159 161-162	145-148 150-154		
	???	????????67?????????? ?		154	7500						
	???	????????75?????????? ?									
	???	????????67?????????? ?	315/80 R22,5	150	6700	G - M	22,5 x 9,00	161-162	150-154		
	???	????????67?????????? ?		154	7500						
	???	????????75?????????? ?		156	8000						
	???	????????80?????????? ?	13 R22,5	150	6700	G - M	22,5 x 9,00	161-162	150-154		
	???	????????67?????????? ?		154	7500						
	???	????????75?????????? ?									
	???	????????67?????????? ?	12 R22,5	150	6700	G - M	22,5 x 8,25 22,5 x 9,00	145-159	153-162		
	???	????????67?????????? ?	295/60 R22,5	150	— 6700	G - L	22,5 x 8,25 22,5 x 9,00	152-159 161-162	145-148 150-154		



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Punto Item	Variante Variant	Versione Version	Descrizione Description						
6.6.1.1.2.	???	????????67???????? ?	355/50 R22,5	152	7100	K - L	22,5 x 11,75	130-135	130-135
	???	????????67???????? ? ????????75???????? ?		154	7500				
	Varianti Variants	Versioni Versions	Dimensione Size	Ind. di carico Load index	Carico Payload	Indice di vel. Speed index	Dim. cerchio Rim size	Offset acciaio Offset steel	Offset alluminio Offset aluminium
	???	????????67???? ?	315/60 R22,5	150	6700	G - L	22,5 x 9,00	161-162	150-153
	???	????????67???? ? ????????75???? ?		152	7100				
	???	????????67???? ? ????????75???? ? ????????80???? ?		154	7500				
	???	????????67???? ?		150	6700				
	???	????????67???? ? ????????75???? ?	315/70 R22,5	152	7100	G - M	22,5 x 9,00	161-162	150-154
	???	????????67???? ? ????????75???? ? ????????80???? ?		154	7500				
	???	????????67???? ? ????????75???? ? ????????80???? ?		156	8000				
	???	????????67???? ?		150	6700				
	???	????????67???? ? ????????75???? ?	295/80 R22,5	152	7100	G - M	22,5 x 8,25 22,5 x 9,00	152-159 161-162	145-148 150-154
	???	????????67???? ? ????????75???? ? ????????80???? ?		154	7500				
	???	????????67???? ? ????????67???? ? ????????75???? ?		152	7100				
	???	????????67???? ? ????????75???? ? ????????80???? ?		154	7500				
	???	????????67???? ?	305/70 R22,5	150	6700	G - M	22,5 x 8,25 22,5 x 9,00	152-159 161-162	145-148 150-154
	???	????????67???? ? ????????67???? ? ????????75???? ?		152	7100				
	???	????????67???? ? ????????75???? ? ????????80???? ?		154	7500				
	???	????????67???? ?		150	6700				
	???	????????67???? ? ????????67???? ? ????????75???? ?	315/80 R22,5	152	7100	G - M	22,5 x 9,00	161-162	150-154
	???	????????67???? ? ????????75???? ? ????????80???? ?		154	7500				
	???	????????67???? ? ????????75???? ? ????????80???? ?		156	8000				
	???	????????67???? ?		150	6700				
	???	????????67???? ?	295/60 R22,5	150	— 6700	G - L	22,5 x 8,25 22,5 x 9,00	152-159 161-162	145-148 150-154



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del 06.11.2023
of

Punto Item	Variante Variant	Versione Version	Descrizione Description					
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???	?????????????67????? ?	152	7100	K - L	22,5 x 11,75	130-135	130-135
???	?????????????67????? ? ?????????????75????? ?	154	7500				

6.6.2.1.

Dimensione Size	Raggio di rotolamento Rolling radii	Circonferenza di rotolamento Rolling circumference	Pressione (^) Pressure (^)
295/60 R22,5	446 mm	2806 mm	900 kPa
355/50 R22,5	450 mm	2812 mm	900 kPa
315/60 R22,5	458 mm	2879 mm	900 kPa
385/55 R22,5	480 mm	3018 mm	900 kPa
305/70 R22,5	486 mm	3050 mm	900 kPa
315/70 R22,5	492 mm	3093 mm	850 ÷ 900 kPa
295/80 R22,5	507 mm	3184 mm	850 ÷ 900 kPa
385/65 R22,5	517 mm	3248 mm	850 kPa
315/80 R22,5	523 mm	3282 mm	875 kPa
12 R22,5	526 mm	3306 mm	850 ÷ 900 kPa
13 R22,5	546 mm	3428 mm	900 kPa

(^): in funzione del carico massimo ammesso

(^): according to permissible load



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Punto Item	Variante Variant	Versione Version	Descrizione Description
8.2.1.	???	????????????????????F ?	pneumatico a pedale, a 3 circuiti indipendenti uno per 1° asse, uno per 2°, 3° e 4° asse, ed uno per il rimorchio <i>pneumatic (compressed air), 3 independent circuits one for 1st axles, one for 2nd, 3rd and 4th axles, and one for the trailer</i> Schema impianto frenante: <i>Brake system layout:</i>
	???	????????????????????F A	25.01.20.0024 pag. 1 rev.5 del / of 31.10.2023 opp. 25.01.20.0024 pag. 3 rev.5 del / of 31.10.2023 per versione hi-traction
	???	????????????????????F B	25.01.20.0031 pag. 1 rev.5 del / of 31.10.2023 opp. 25.01.20.0031 pag. 3 rev.5 del / of 31.10.2023 per versione hi-traction
	???	????????????????????N ?	pneumatico a pedale, a 2 circuiti indipendenti uno per 1° asse, uno per 2°, 3° e 4° asse <i>pneumatic (compressed air), 2 independent circuits one for 1st axles, one for 2nd, 3rd and 4th axles</i> Schema impianto frenante: <i>Brake system layout:</i>
	???	????????????????????N A	25.01.20.0024 pag. 2 rev.5 del / of 31.10.2023 opp. 25.01.20.0024 pag. 4 rev.5 del / of 31.10.2023 per versione hi-traction
	???	????????????????????N B	25.01.20.0031 pag. 2 rev.5 del / of 31.10.2023 opp. 25.01.20.0031 pag. 4 rev.5 del / of 31.10.2023 per versione hi-traction

Funzionamento del sistema di controllo di stabilità

Il controllo di stabilità ESP è un sistema di controllo di stabilità non solo nella dinamica longitudinale del veicolo ma specialmente in casi critici di marcia in curva quando sono raggiunti e superati i limiti di stabilità del veicolo. L'ESP utilizza sensori per la rilevazione dell'angolo del volante, della velocità angolare attorno all'asse verticale (tasso di imbardata) e dell'accelerazione laterale ed un software per l'elaborazione dati, verifica e controllo delle dinamiche laterali del veicolo.

La logica di funzionamento dell'ESP può essere divisa in 2 blocchi: controllo di imbardata e controllo di stabilità al rollio.

In entrambi i casi l'ESP cerca di fornire un momento stabilizzante tramite l'attivazione automatica unilaterale dei freni di una singola ruota o di una ruota del gruppo di assi (l'asse aggiunto non è "controllato"), per riportare il veicolo nella giusta direzione. A questo scopo l'ESP controlla sia l'angolo di slittamento del veicolo ed il suo gradiente, sia la deviazione tra quanto richiesto dal conducente e il tasso di imbardata attuale del veicolo. In aggiunta, allo scopo di decelerare il veicolo, la coppia motore viene ridotta ed i freni del rimorchio azionati.

Tutti i componenti dell'ESP sono quelli del veicolo originale 6x2, invariati e non spostati. In particolare il Modulo di Controllo della Stabilità (Wabco 446 065 073 0), che contiene i sensori per valutare il tasso di imbardata e l'accelerazione laterale del veicolo, rimane nella sua posizione originale, in prossimità del centro di gravità del veicolo.

Operation of the stability control system

The stability control provides means of vehicle control not only of longitudinal vehicle dynamics but especially of critical cornering situations when driving stability limits are approached or even exceeded.

ESP uses sensors for steering wheel angle, angular velocity around vertical axis (yaw rate) and lateral acceleration plus software for signal processing.

ESP control strategies is split into two features: yaw control and roll stability control.

In both cases ESP will try to build up a yawing momentum by automatic unilateral activation of single wheel brakes or a wheel brakes of an axle group (the added axle isn't "active") to turn the vehicle back to the appropriate direction. In this respect ESP controls the sli angle and its gradient as well as the deviation between driver demand and actual vehicle yaw rate. For purpose of supporting vehicle deceleration also the engine torque will be reduced and the trailer brakes additionally applied.

All the components of ESP are original (of 6x2 vehicle), unchanged and not moved. Especially the Stability Control Module (Wabco 446 065 073 0), that contains sensors for yaw rate and lateral acceleration of the vehicle, remains in the original position, near to the vehicle centre of gravity.



SCHEMA INFORMATIVA INFORMATION DOCUMENT

All n° 7
Annex Nr
del 06.11.2023
of

Punto Item	Variante Variant	Versione Version	Descrizione Description
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Descrizione del sistema LDWS

Il sistema LDWS deve avvisare i conducenti stanchi o distratti quando il loro veicolo lascia involontariamente la corsia di marcia.

Il sistema consiste in una telecamera montata dietro al parabrezza del veicolo. Il sensore rileva le diverse strisce che delimitano la corsia e calcola la posizione del veicolo in riferimento ai segni rilevati.

Se il veicolo sta per abbandonare la corsia senza che il conducente manifesti l'intenzione di cambiarla (senza attivare l'indicatore delle luci) viene generato un suono per avvisare il conducente. Il suono viene generato dagli altoparlanti sinistro o destro a seconda della direzione di deriva.

Il sistema funziona a velocità del veicolo > 55 km/h.

Per consentire al guidatore di controllare il sistema questo può essere disattivato da un interruttore. Dopo l'attivazione il sistema è sempre attivo indipendentemente dal suo stato precedente.

L'utente deve essere consapevole del fatto che in alcune situazioni, a causa di particolari condizioni ambientali il sistema non può riconoscere le corsie.

Le prestazioni e la precisione del sistema LDWS dipende dal campo visivo della strada da parte della telecamera.

Questi incroci sono influenzati dall'inclinazione del parabrezza e dall'altezza di installazione.

La telecamera può essere installata da 1.4 a 2,6 m con parabrezza inclinato da 0° a 50°. La telecamera può essere installata con uno spostamento laterale massimo di +/- 1 m.

Tutti i componenti dell'LDWS sono quelli del veicolo originale 6x2, invariati e non spostati.

LDWS description

The LDWS shall alert tired or inattentive drivers when their unintentionally leaves the current lane of travel.

The system consist of a camera sensor mounted at the vehicle windshield. The sensor detects different types of lane markings and calculates the position of the vehicle in reference to the detected markings. If the vehicle drifts in the direction of one marking and no active driver intention to change the lane can be detected (direction light active) a rumble strip sound is generated to alert the driver.

The sound is generated in the left or right speakers depending on the direction of drift.

The system operates at vehicle speeds > 55 km/h.

To allow the driver control over the system it can be disabled by a switch. After ignition activation the system is always active independent of it's prior state.

Customer needs to be aware that in some situations, due to environment conditions the system cannot track lanes.

The performance and precision of the LDWS depends on the minimum and maximum road intersection of the cameras field of view.

This intersections are impacted by windscreen inclination and installation height. The camera can be installed from 1.4 to 2.6 m with windscreen inclination from 0° to 50°. The camera can be installed with a maximum lateral displacement from +/- 1 m.

All the components of LDWS are original (of 6x2 vehicle), unchanged and not moved.

Descrizione del sistema AEBS

Lo scopo dell'AEBS è quello di ridurre gli incidenti provocati da conducenti distratti o colpiti da un colpo di sonno, che impattano contro un veicolo davanti ad essi.

Gli impatti sono ridotti utilizzando un sistema (radarsensor) che misura la distanza dal veicolo che precede; con queste informazioni il sistema può calcolare il tempo potenziale di collisione e attivare i freni autonomamente.

Un intervento tipico dell'AEBS si compone di 3 fasi consecutive:

1. segnale di avvertimento ottico e acustico
2. avvertimento tattile (colpo del freno)
3. frenata d'emergenza

Il conducente sarà avvertito da un segnale acustico, da un'icona e da uno colpo del freno prima che venga attivata la frenata d'emergenza.

Il conducente è sempre in grado di annullare il sistema di incremento di valore del pedale dell'acceleratore, l'attivazione delle luci o dello sterzo (lasciando il percorso di collisione). La frenata del conducente darà conferma al sistema e il sistema si adatterà per ottenere la decelerazione richiesta del veicolo.

Il veicolo che segue sarà avvertito dall'attivazione delle luci dei freni, se la decelerazione è al di sopra di una soglia critica.

Se risultano attivi guasti nel rilevare le prestazioni, il sistema si disabiliterà e al conducente verrà visualizzata un'ICONA nella strumentazione.

Il sistema funziona a velocità comprese tra 15 e 90 km/h.

Il radarsensor verrà installato al centro del veicolo nella zona del paraurti anteriore ad altezze comprese fra 0,3 e 1,0 m.

Tutti i componenti dell'AEBS sono quelli del veicolo originale 6x2, invariati e non spostati.



SCHEDA INFORMATIVA INFORMATION DOCUMENT

All n° 7
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del 06.11.2023
of

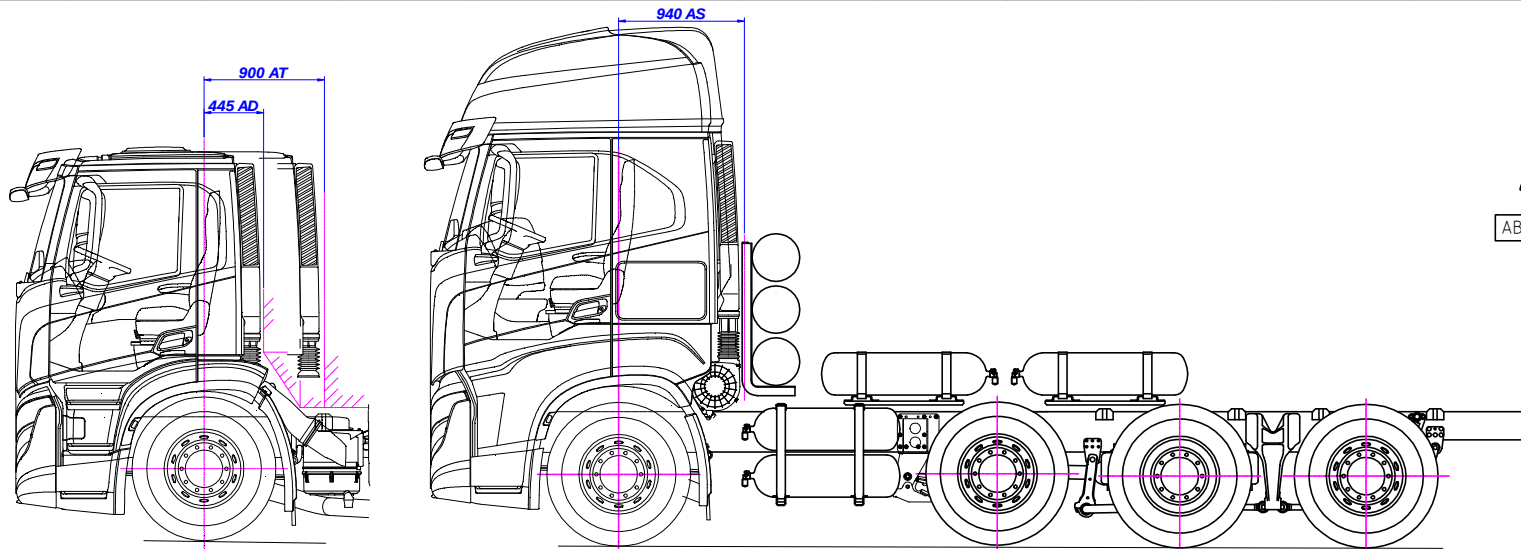
Punto Item	Variante Variant	Versione Version	Descrizione Description
AEBS description <i>Purpose of the AEBS is to reduce the impact of accidents cause by unattended drivers that were distracted or felt a sleep and hit a vehicle driving in front of them self.</i> <i>The impacts shall be reduced by utilizing a system (radarsensor) that measures the distance to the vehicle ahead, with this information the system can calculate potential time to collision and activate the brakes autonomously by requesting to the brakes if an impact is unavoidable.</i> <i>A typical AEBS intervention consists of 3 escalating steps:</i> <i>1. optic and acoustic warning</i> <i>2. haptic warning (brake jerk)</i> <i>3. emergency braking</i> <i>The driver will be warned by a buzzer, icon and a brake jerk before emergency braking is activated.</i> <i>The driver is always able to override the system by accelerator pedal value increase, turnlight activation or steering (leaving the collision path). Braking of the driver will confirm the system and the system will adopt required vehicle deceleration.</i> <i>The following traffic will be warned by activated brake lights, if deceleration is above a critical threshold the brake lights.</i> <i>If performance relevant faults are active the system will be shutoff and the driver will see an ICON in the instrument cluster.</i> <i>The system will work from speeds between 15 and 90 km/h.</i> <i>The radarsensor will be installed in the vehicle center in the area of the front bumper at heights 0,3 m till 1,0 m.</i> <i>All the components of AEBS are original (of 6x2 vehicle), unchanged and not moved.</i>			
8.8.	Calcolo del sistema di frenatura (2° asse) Calculation of the braking system (2nd axle)		
	Raggio efficace: <i>Effectrive radius:</i>	Rt	175 mm
	Corsa massima della molla: <i>Piston max stroke:</i>		64 mm
	Corsa di lavoro della molla: <i>Piston working stroke:</i>		25 - 35 mm
	Pressione di calcolo: <i>Calculation pressure:</i>	Db	8 bar
	Pressione di accostamento dei freni: <i>Const. response pressure:</i>	Da	0,35 bar
	Caratteristica del freno: <i>Characteristic of wheel brake:</i>	C*	0,76
	Coefficiente di attrito della guarnizione: <i>Friction coefficient:</i>	μ	0,38
	Superficie della guarnizione freno per asse: <i>Friction area per axle:</i>	A	816 cm ²
	Rendimento meccanico del freno: <i>Mechanical efficiency:</i>	η	0,95
	Rapporto rispetto all'azionamento del freno: <i>Complete ratio of the mechanic:</i>	Iz	14,82
	Numero freni per asse: <i>Number of brakes per axle:</i>	Na	2
	Rapporti di leva: <i>Lever ratio:</i>	ih	15,6
	Tipo di cilindro freno: <i>Brake cylinder type:</i>	SQIN	12"
	Forza nel cilindro dovuta alla pressione di calcolo: <i>Cylinder force at calculation pressure:</i>	Fc	5400 N



SCHEDA INFORMATIVA INFORMATION DOCUMENT

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Punto Item	Variante Variant	Versione Version	Descrizione Description	
Forza di accostamento del freno: <i>response force of the brake:</i>			Fa	65 N
Momento frenante per ruota: <i>Brake torque per wheel brake:</i>			Mb	10516 Nm
Pneumatici <i>Tyre</i>	Raggio <i>Radius</i>	Rapporti rispetto al piano stradale <i>Reaction to street</i>		Forza freno 2° asse <i>Brake force 2nd axle</i>
295/60 R22,5	R = 428 mm	lf = 4,61		Ti = 49138 N
355/50 R22,5	R = 433 mm	lf = 4,55		Ti = 48571 N
315/60 R22,5	R = 442 mm	lf = 4,46		Ti = 47582 N
385/55 R22,5	R = 461 mm	lf = 4,28		Ti = 45621 N
305/70 R22,5	R = 462 mm	lf = 4,27		Ti = 45522 N
315/70 R22,5	R = 467 mm	lf = 4,22		Ti = 45035 N
295/80 R22,5	R = 487 mm	lf = 4,05		Ti = 43185 N
385/65 R22,5	R = 497 mm	lf = 3,97		Ti = 42316 N
315/80 R22,5	R = 500 mm	lf = 3,94		Ti = 42062 N
12 R22,5	R = 504 mm	lf = 3,91		Ti = 41729 N
13 R22,5	R = 521 mm	lf = 3,78		Ti = 40367 N



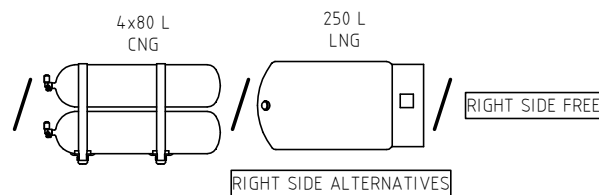
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ABOVE CHASSIS ALTERNATIVES

CYLINDER PACKS POSITION CAN
CHANGE ALONG THE LONGITUDINAL
AXIS OF THE VEHICLE

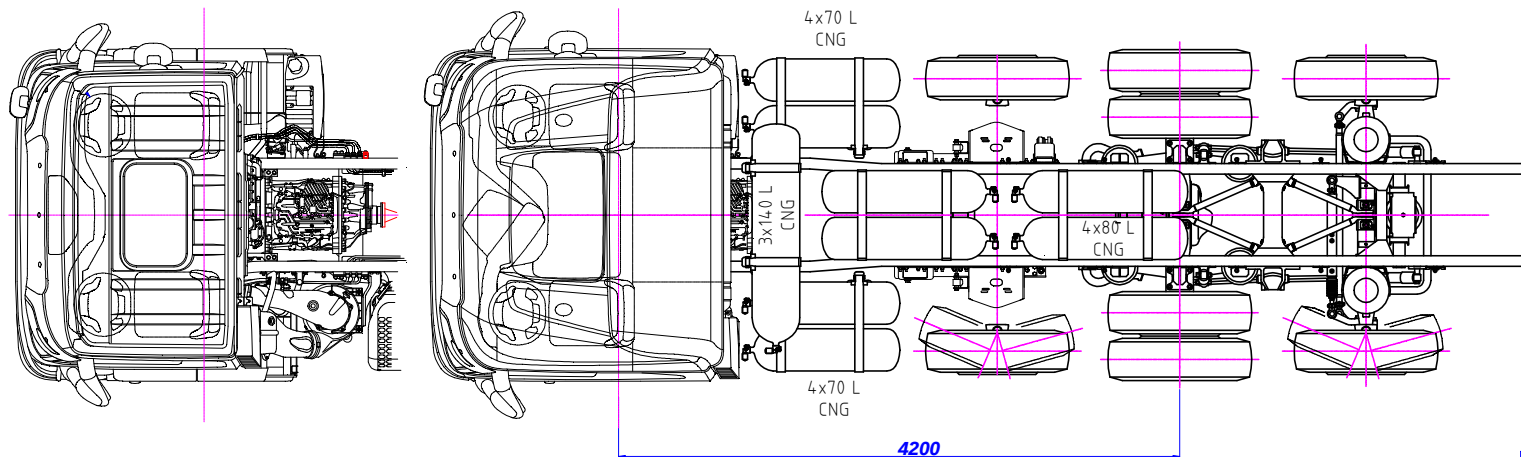
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CNG/LNG CYLINDER PACKS CONFIGURATIONS
FOR ALL OTHER MEASURES REFER TO THE
LAYOUT DRAWING OF THE DIESEL VERSION,
WITH EQUAL WHEELBASE AND CAB TYPE

POSITION OF THE CNG CYLINDER PACKS
VALVES CAN BE INVERTED WITH
RESPECT TO THE REPRESENTED



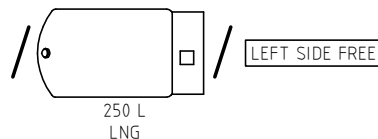
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RIGHT SIDE ALTERNATIVES



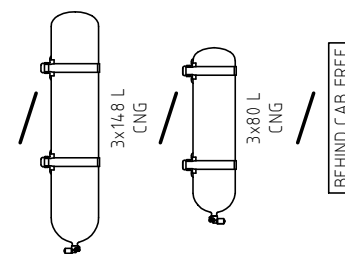
4200

LEFT SIDE ALTERNATIVES



LEFT SIDE FREE

BEHIND CAB ALTERNATIVES



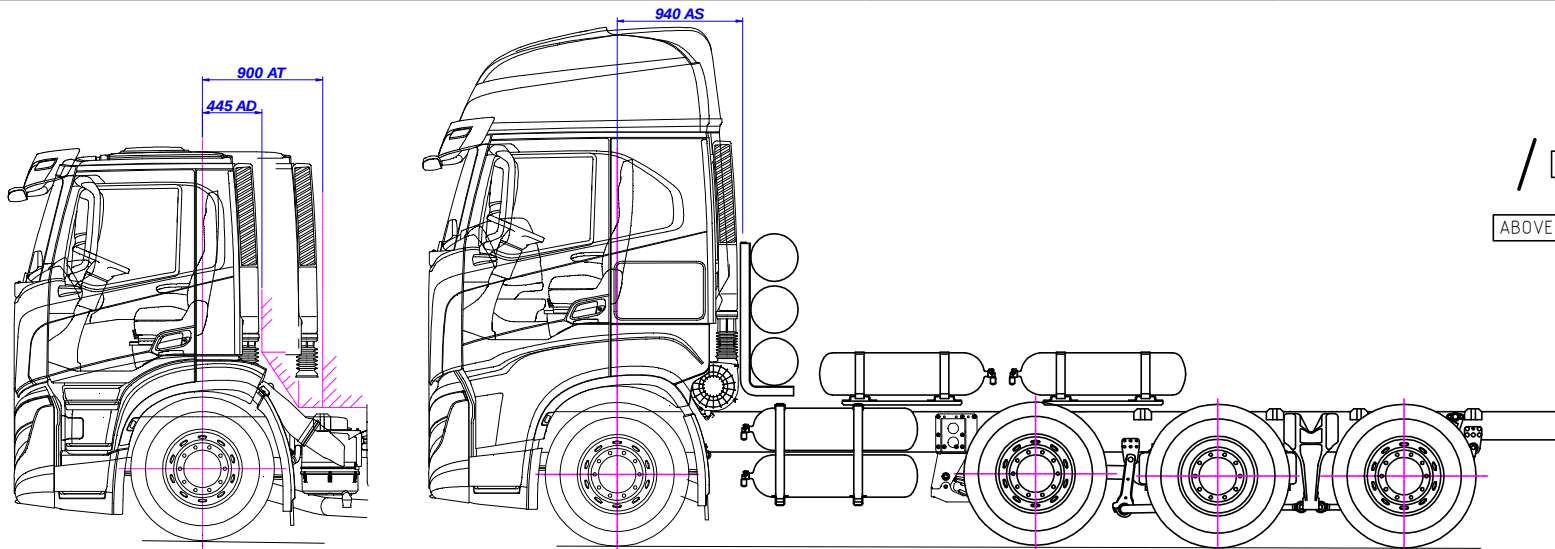
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Varianti/variants
??C
??C

Versioni/versions
G3CB???????????????? ?
G9CB???????????????? ?

Tightening tolerance 1004	ISO 2768 - ---- Tolerancing ISO 8015	Author MARTINI F.	Date 28/01/2019	Scale 1:20
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E24*13R11/18*0056*04



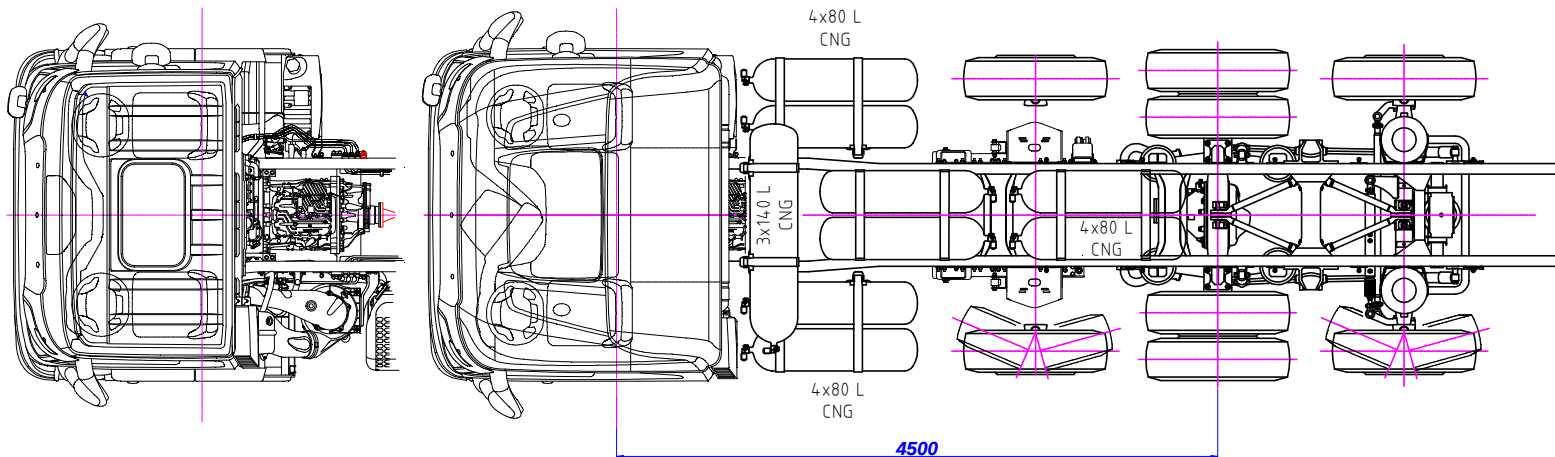
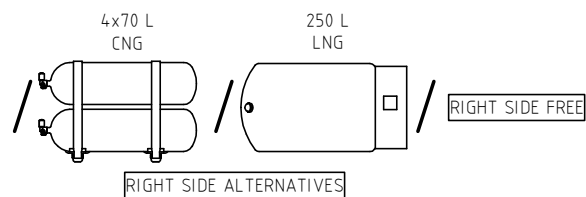
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ABOVE CHASSIS ALTERNATIVES

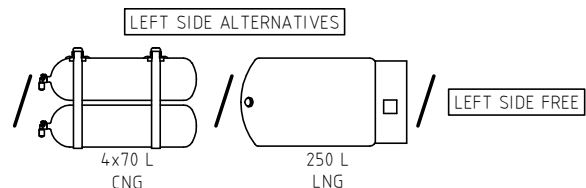
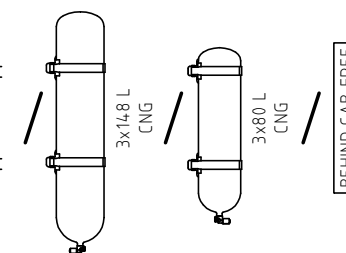
CYLINDER PACKS POSITION CAN
CHANGE ALONG THE LONGITUDINAL
AXIS OF THE VEHICLE

LAYOUT DRAWING REPRESENTATIVE ONLY FOR
CNG/LNG CYLINDER PACKS CONFIGURATIONS
FOR ALL OTHER MEASURES REFER TO THE
LAYOUT DRAWING OF THE DIESEL VERSION,
WITH EQUAL WHEELBASE AND CAB TYPE

POSITION OF THE CNG CYLINDER PACKS
VALVES CAN BE INVERTED WITH
RESPECT TO THE REPRESENTED



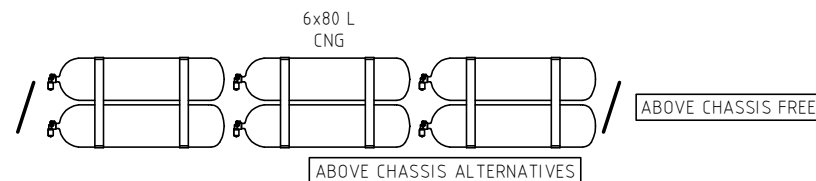
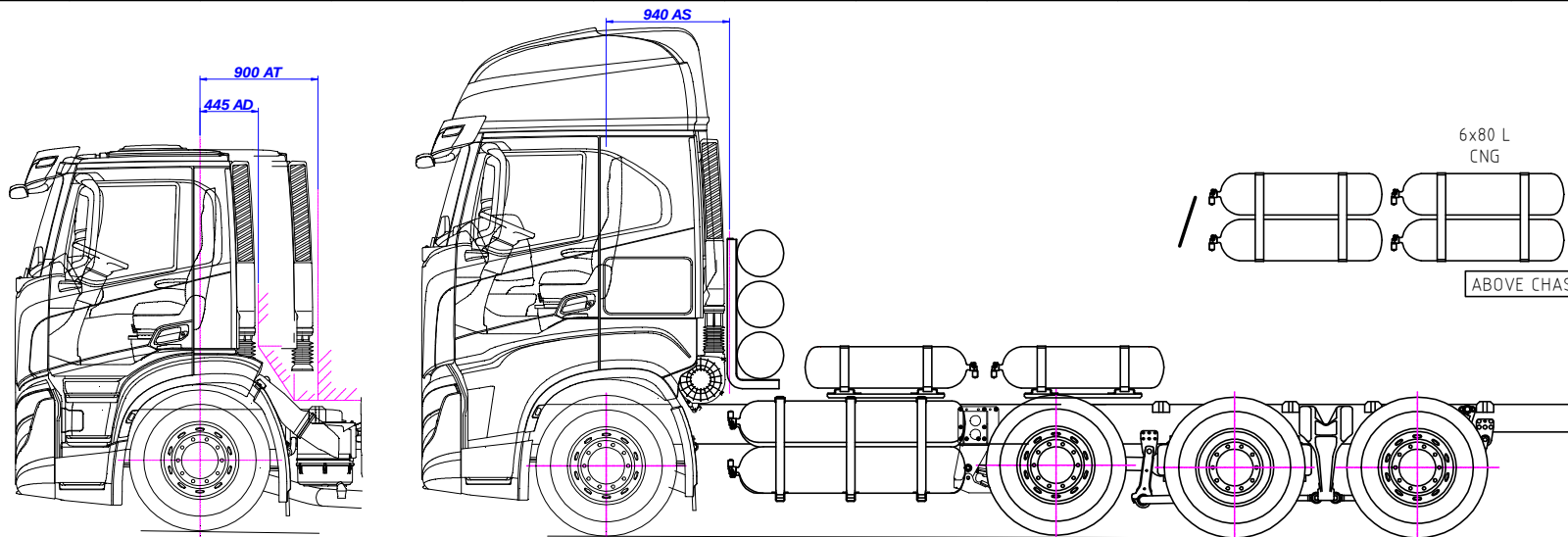
BEHIND CAB ALTERNATIVES



Varianti/variants	Versioni/versions
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Tightening tolerance 1004	ISO 2768 - ---- Tolerancing ISO 8015	Author MARTINI F.	Date 28/01/2019	Scale 1:20
	All proprietary rights reserved by S.T. System Truck Sp.A. All reproduction, distribution and/or use of this document as well as the communication of its content to others without express authorization is prohibited (see ISO 9001:2008)	Description IVECO X-Way e S-Way AD/AT/AS EURO 6 CNG/LNG CONF. 1+3 - WB 4500 MM - TYPE: ST 2Y3C	Code 55.01.03.0131	Sheet 1/1
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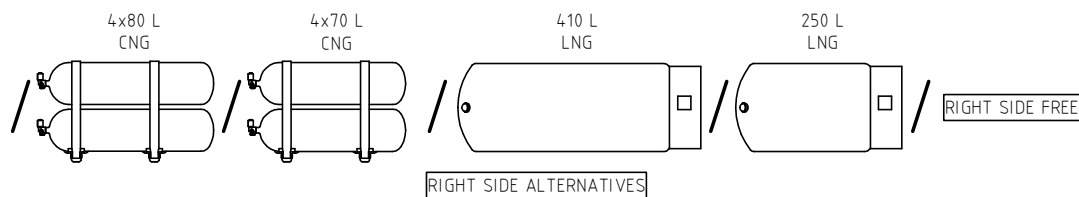
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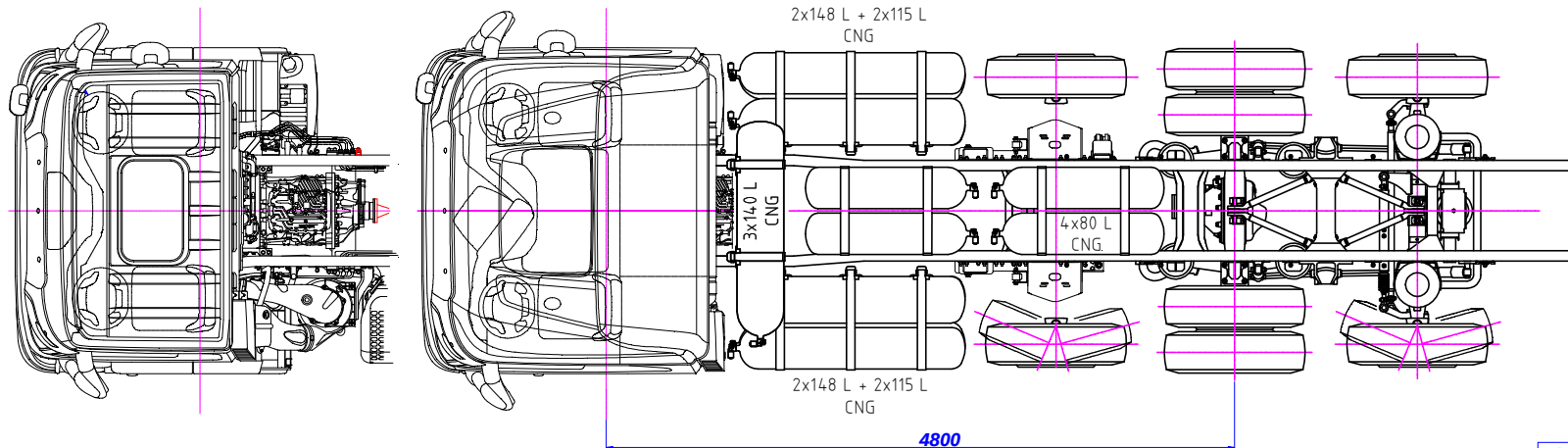
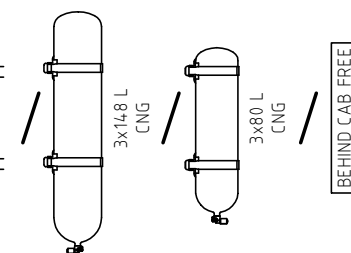
CYLINDER PACKS POSITION CAN
CHANGE ALONG THE LONGITUDINAL
AXIS OF THE VEHICLE

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WITH EQUAL WHEELBASE AND CAB TYPE

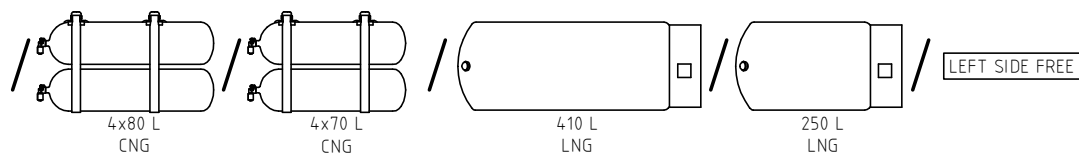
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VALVES CAN BE INVERTED WITH
RESPECT TO THE REPRESENTED



BEHIND CAB ALTERNATIVES



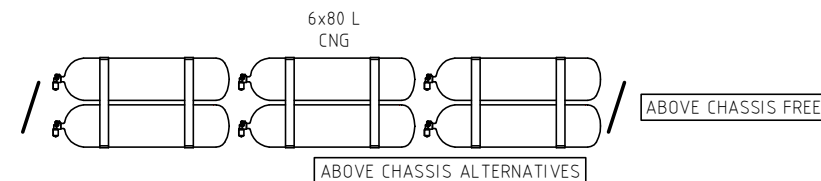
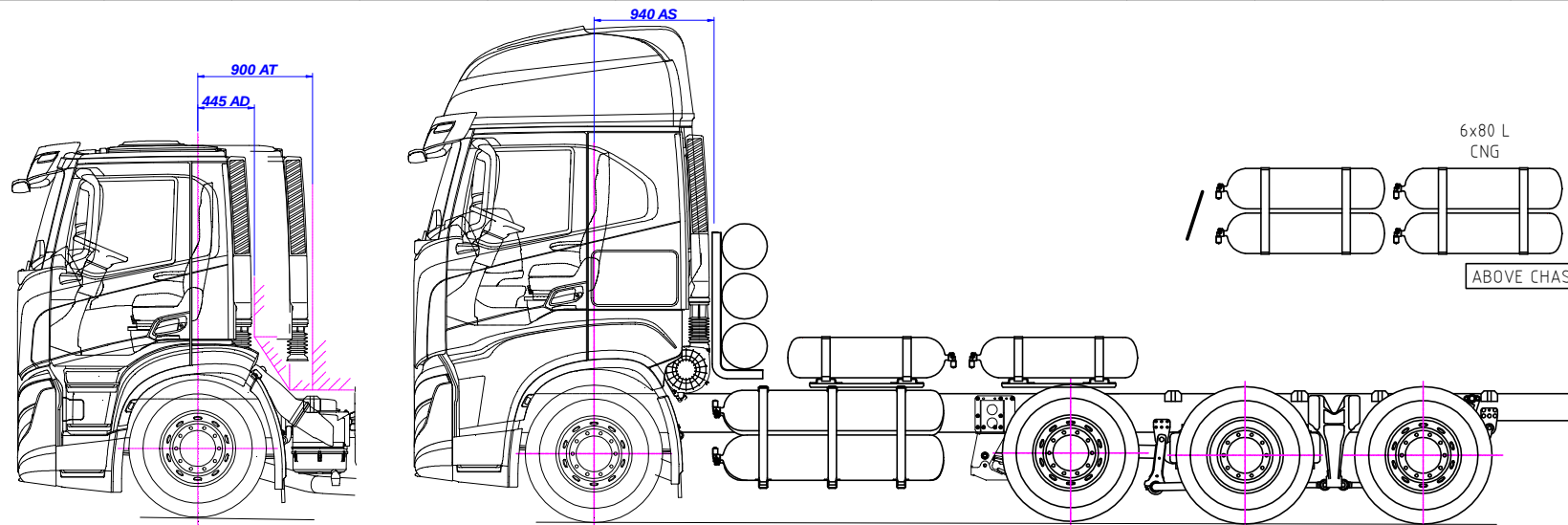
LEFT SIDE ALTERNATIVES



Varianti/variants	Versioni/versions
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Tightening tolerance 1004	ISO 2768 - ---- Tolerancing ISO 8015	Author MARTINI F.	Date 28/01/2019	Scale 1:20
Description All proprietary rights reserved by S.T. System Truck Sp.A. All reproduction, distribution, as well as the communication of this content to others without express authorization is prohibited (see ISO 9001:2015). VEICO X-Way e S-Way AD/AT/AS EURO 6 CNG/LNG CONF. 1+3 - WB 4800 MM - TYPE: ST 2Y3C				
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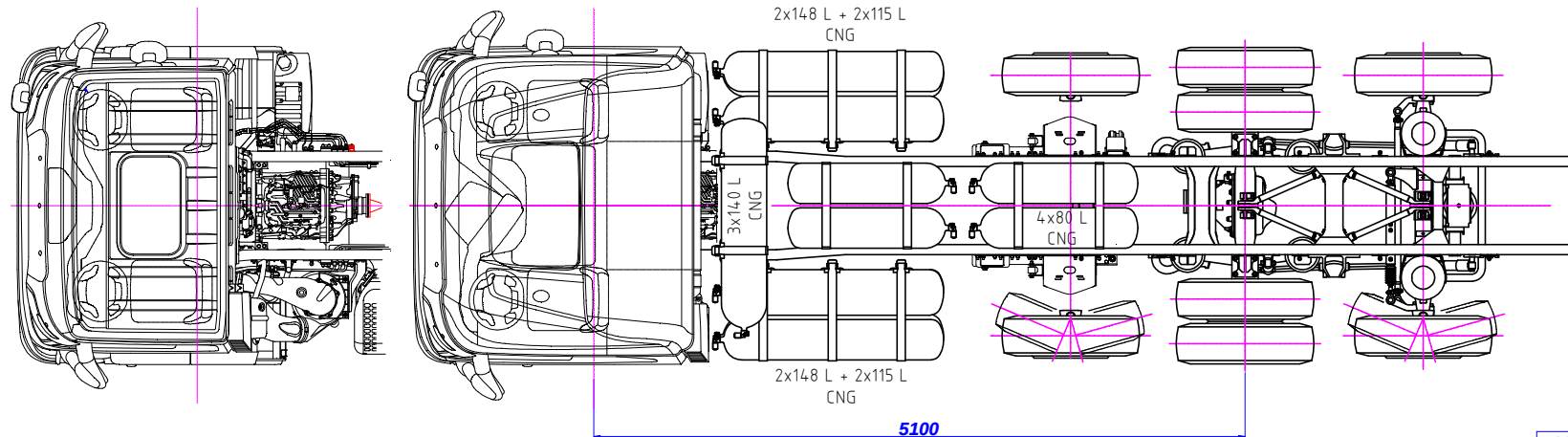
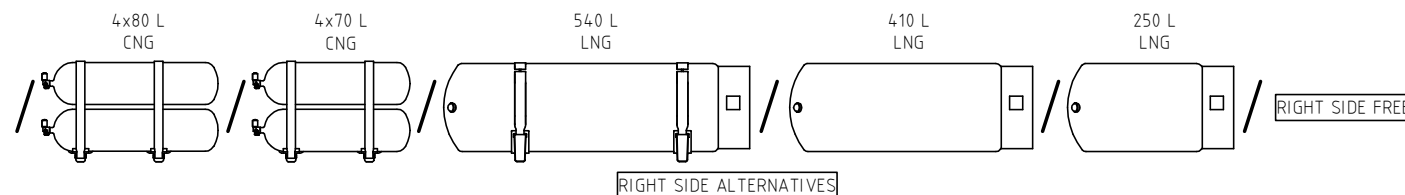
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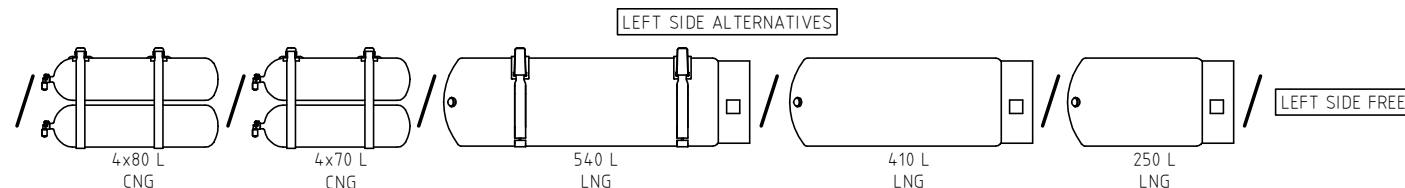
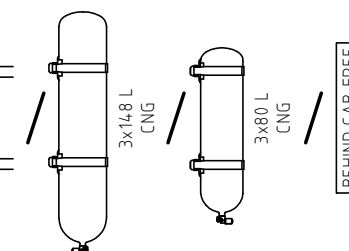
CYLINDER PACKS POSITION CAN
CHANGE ALONG THE LONGITUDINAL
AXIS OF THE VEHICLE

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CNG/LNG CYLINDER PACKS CONFIGURATIONS
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POSITION OF THE CNG CYLINDER PACKS
VALVES CAN BE INVERTED WITH
RESPECT TO THE REPRESENTED



BEHIND CAB ALTERNATIVES



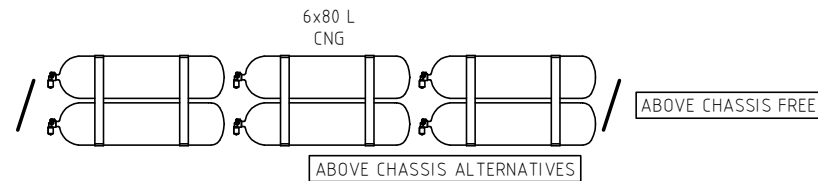
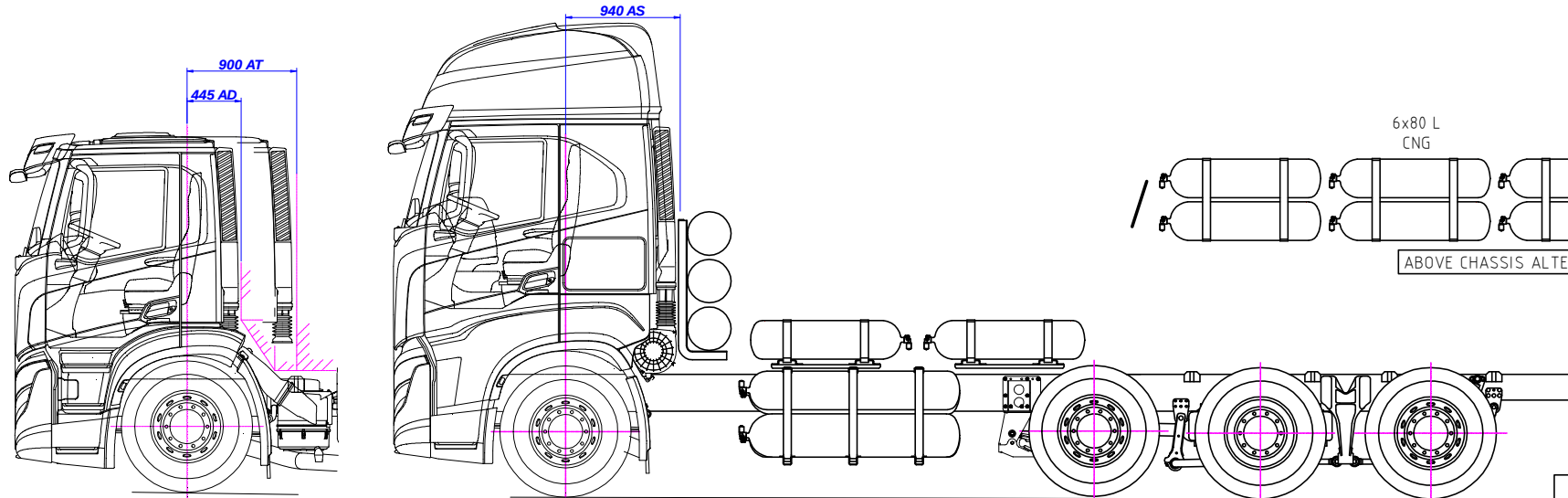
Varianti/variants	Versioni/versions
??C	G3FB???????????????
??C	G9FB???????????????

Tightening tolerance 1004	ISO 2768 - ---- Tolerancing ISO 8015	Author MARTINI F.	Date 28/01/2019	Scale 1:20
Description IVECO X-Way e S-Way AD/AT/AS EURO 6 CNG/LNG CONF. 1+3 - WB 5100 MM - TYPE: ST 2Y3C				
Code 55.01.03.0133		Drawing 55.01.03.0133		Sheet 1/1

E24*13R11/18*0056*04

Tightening Tolerance = 1004	ISO 2768 - ---- Tolerancing ISO 80/5	Author MARTINI F.	Issue 28/01/2019	Scale 1:20
				
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Description IVECO X-Way S-Way AD/AT/AS EURO 6 CNG/LNG Code 1-3 - WB 5500 mm - TYPE: ST 2Y3C				
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Format A1		Format A1		

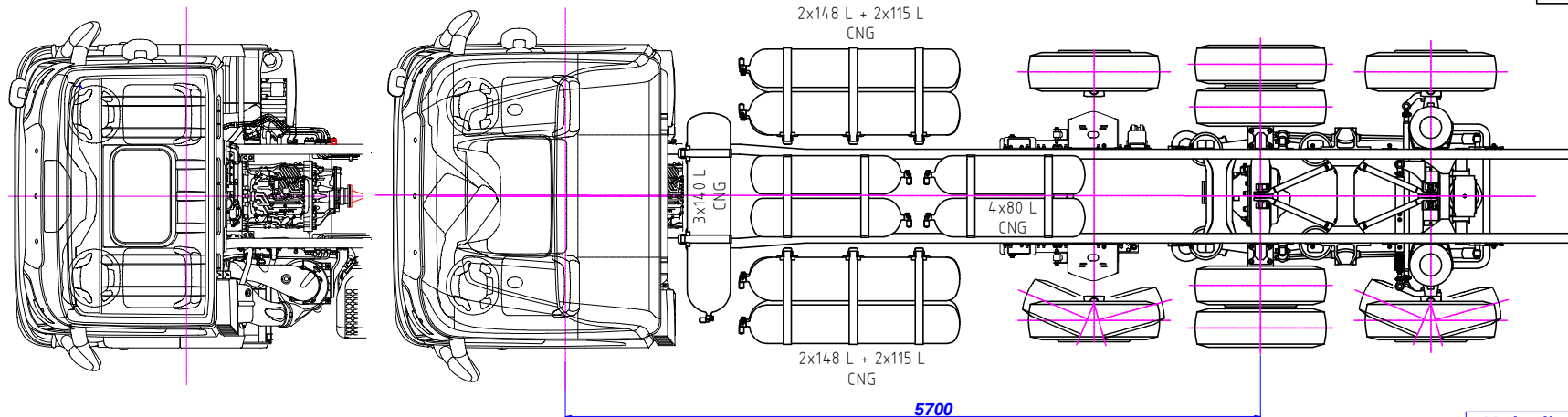
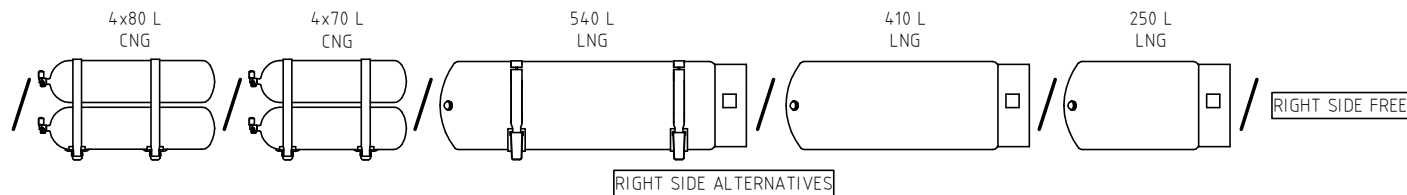
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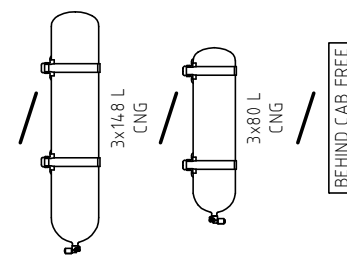
CYLINDER PACKS POSITION CAN
CHANGE ALONG THE LONGITUDINAL
AXIS OF THE VEHICLE

LAYOUT DRAWING REPRESENTATIVE ONLY FOR
CNG/LNG CYLINDER PACKS CONFIGURATIONS
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LAYOUT DRAWING OF THE DIESEL VERSION,
WITH EQUAL WHEELBASE AND CAB TYPE

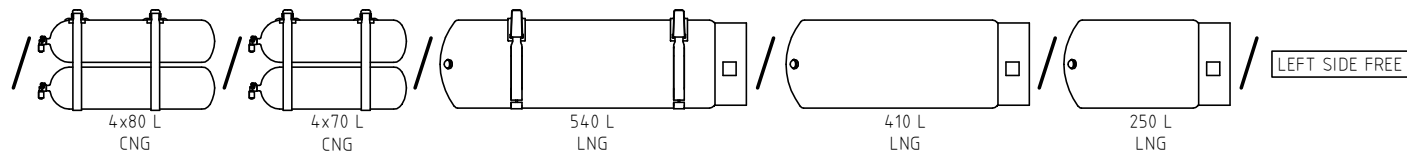
POSITION OF THE CNG CYLINDER PACKS
VALVES CAN BE INVERTED WITH
RESPECT TO THE REPRESENTED



BEHIND CAB ALTERNATIVES



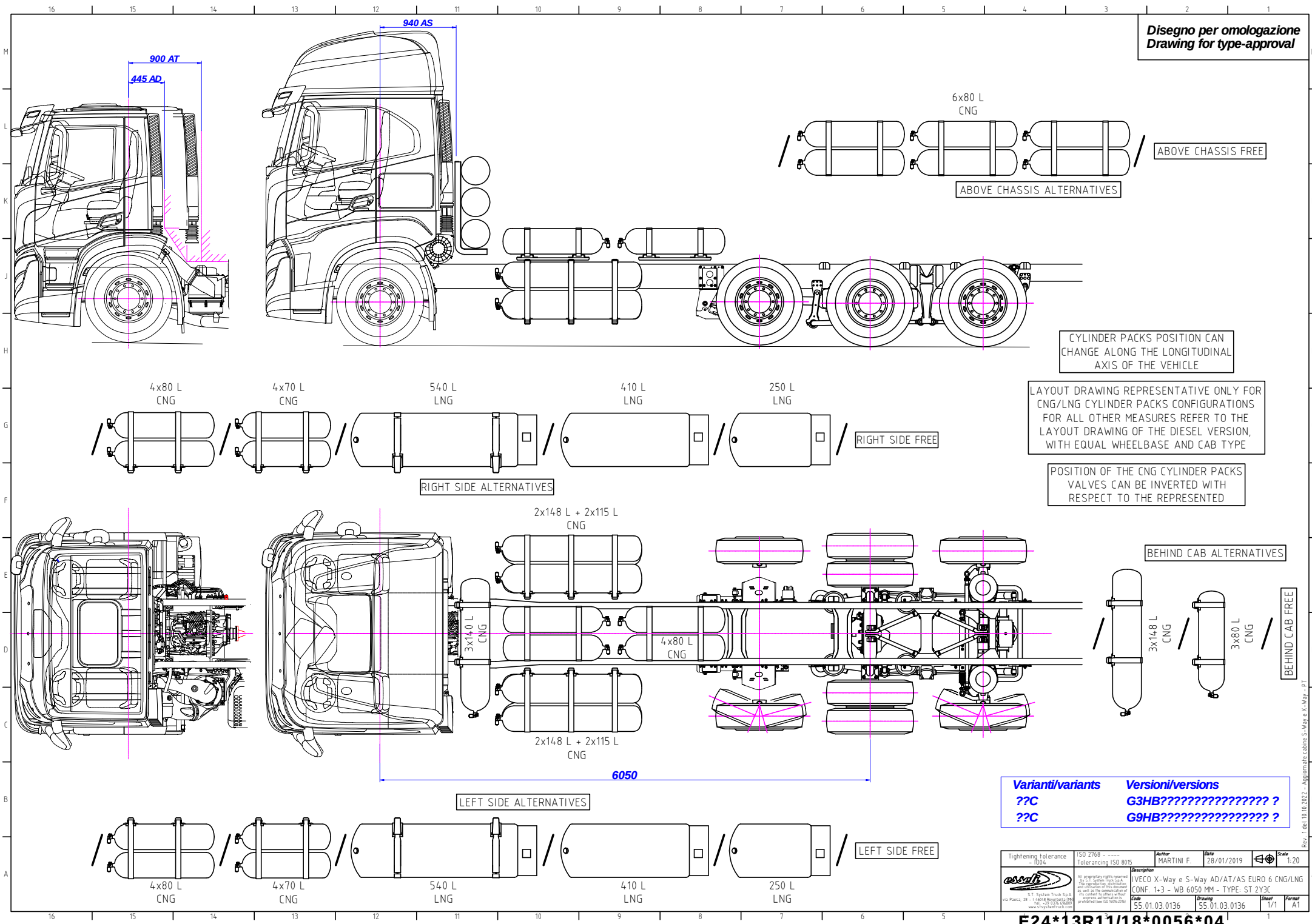
LEFT SIDE ALTERNATIVES



Varianti/variants	Versioni/versions
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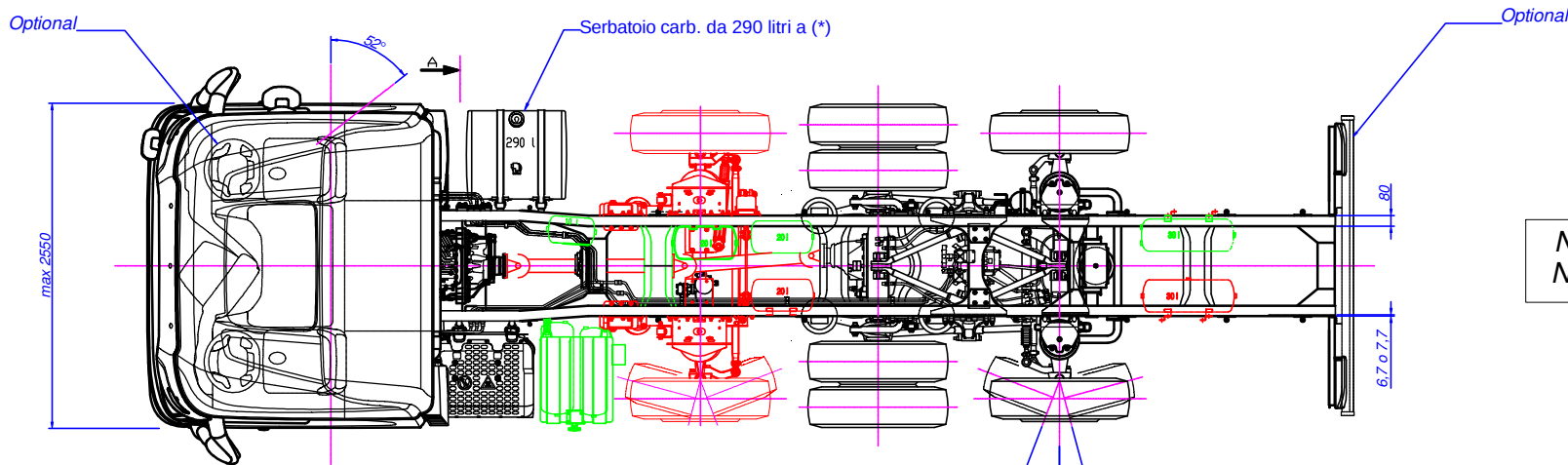
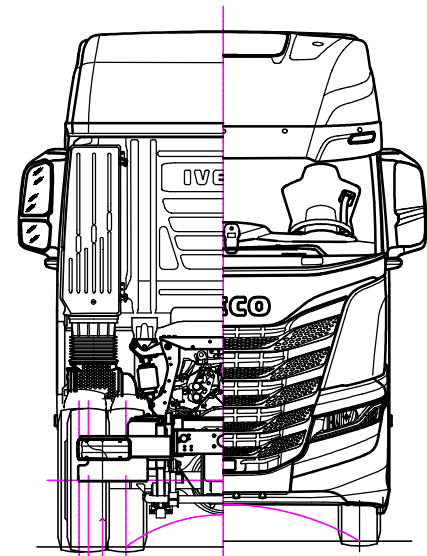
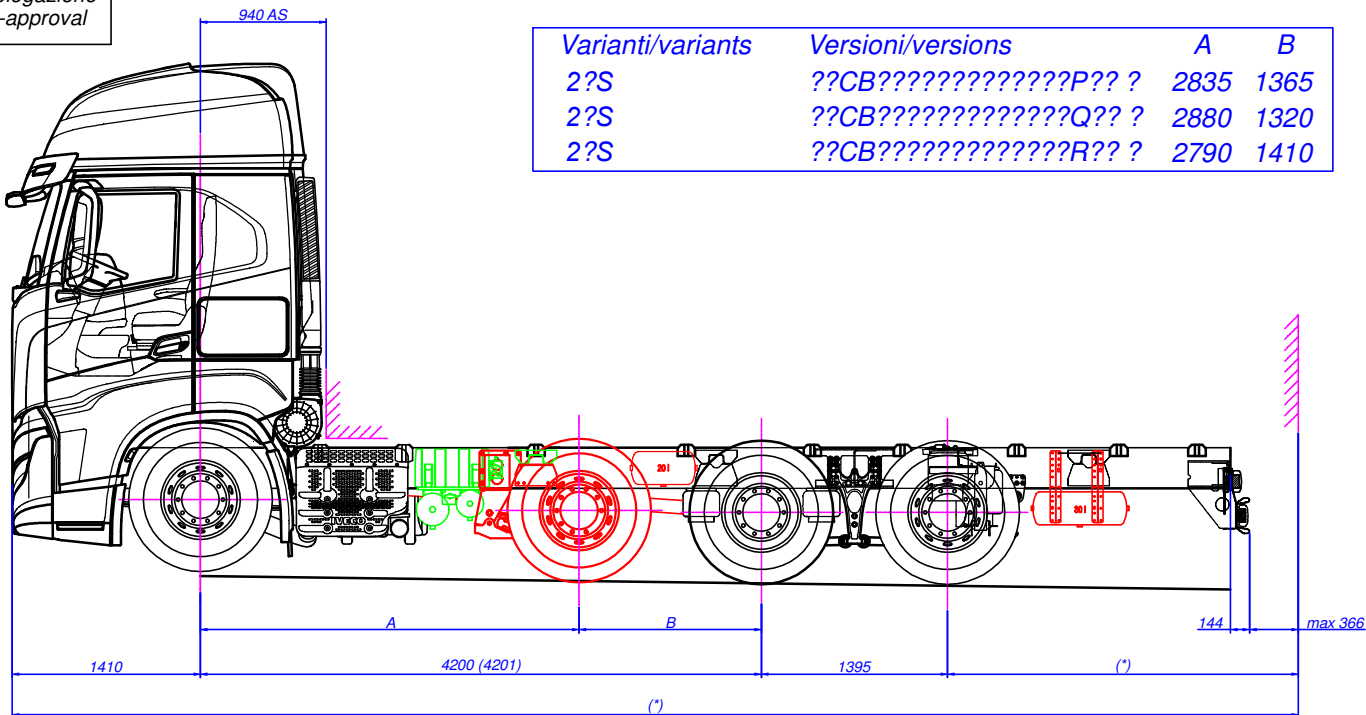
Tightening tolerance 1004	ISO 2768 - ---- Tolerancing ISO 8015	Author MARTINI F.	Date 28/01/2019	Scale 1:20
Allegato 1 alla direttiva 2007/46/CE Il presente disegno rappresenta la configurazione di base del veicolo a gas, con i componenti di serie e le opzioni di serie. Le varianti e le versioni sono indicate con i codici di identificazione e sono descritte nel presente disegno. Le varianti e le versioni sono indicate con i codici di identificazione e sono descritte nel presente disegno.				
Descrizione IVECO X-Way e S-Way AD/AT/AS EURO 6 CNG/LNG CONF. 1+3 - WB 5700 MM - TYPE: ST 2Y3C				
Code 55.01.03.0135	Drawing 55.01.03.0135	Sheet 1/1	Format A1	

E24*13R11/18*0056*04



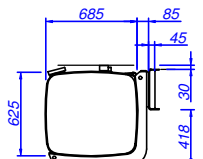
Disegno per omologazione
Drawing for type-approval

Varianti/variants	Versioni/versions	A	B
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2?S	??CB????????????R?? ?	2790	1410



Nota (*): vedere scheda informativa
Note (*): see information document

Vista A/ View A

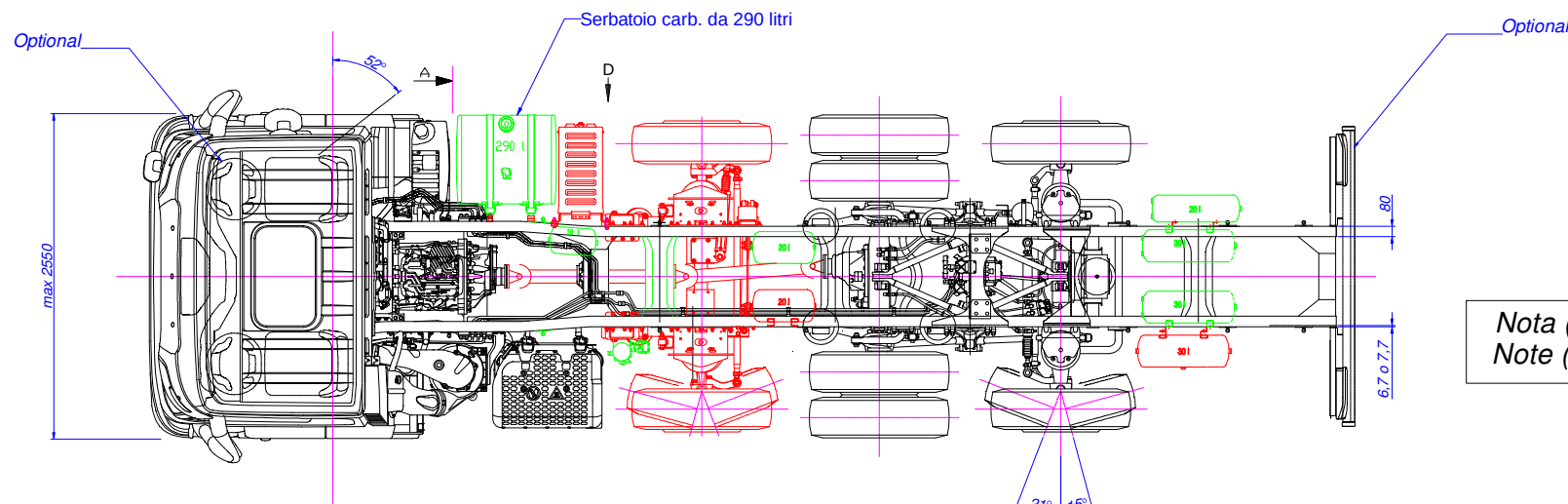
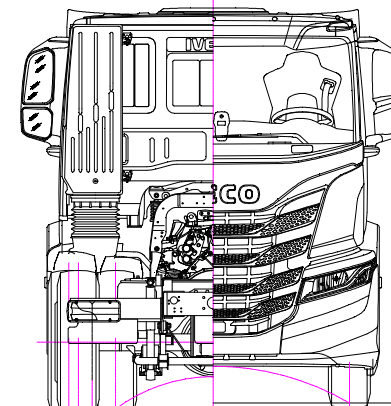
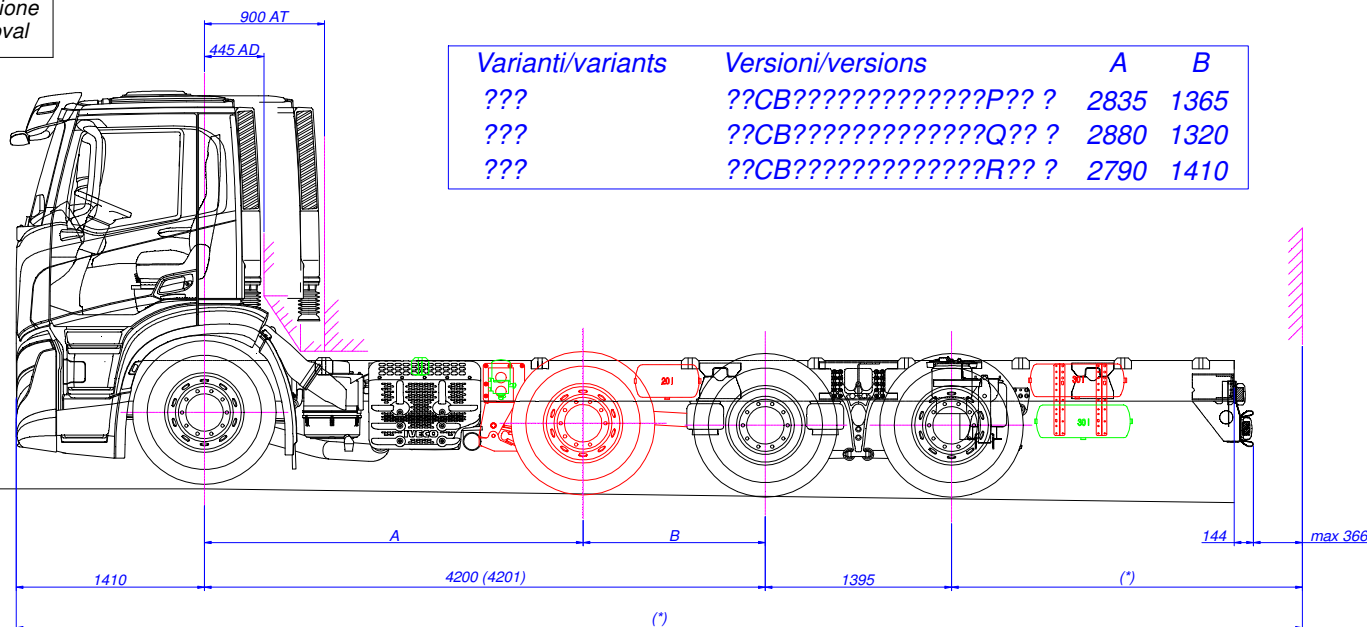


Tightening tolerance = 1004	ISO 2768 - ---- Tolerancing ISO 8015	Author A.TIBALDO	Date 31/01/2020	Scale 1:20
FIGURINO IVECO S-WAY AS260S Y/PS/FS ON CONF. 1+3 - PASSO 4200 MM 55.01.03.0163 55.01.03.0163 1/1 A1				

E24*13R11/18*0056*04

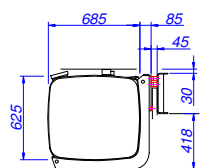
Disegno per omologazione
Drawing for type-approval

Varianti/variants	Versioni/versions	A	B
???	??CB????????????P?? ?	2835	1365
???	??CB????????????Q?? ?	2880	1320
???	??CB????????????R?? ?	2790	1410

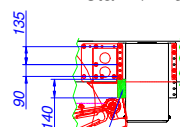


Nota (*): vedere scheda informativa
Note (*): see information document

Vista A/ View A



Vista D / View D



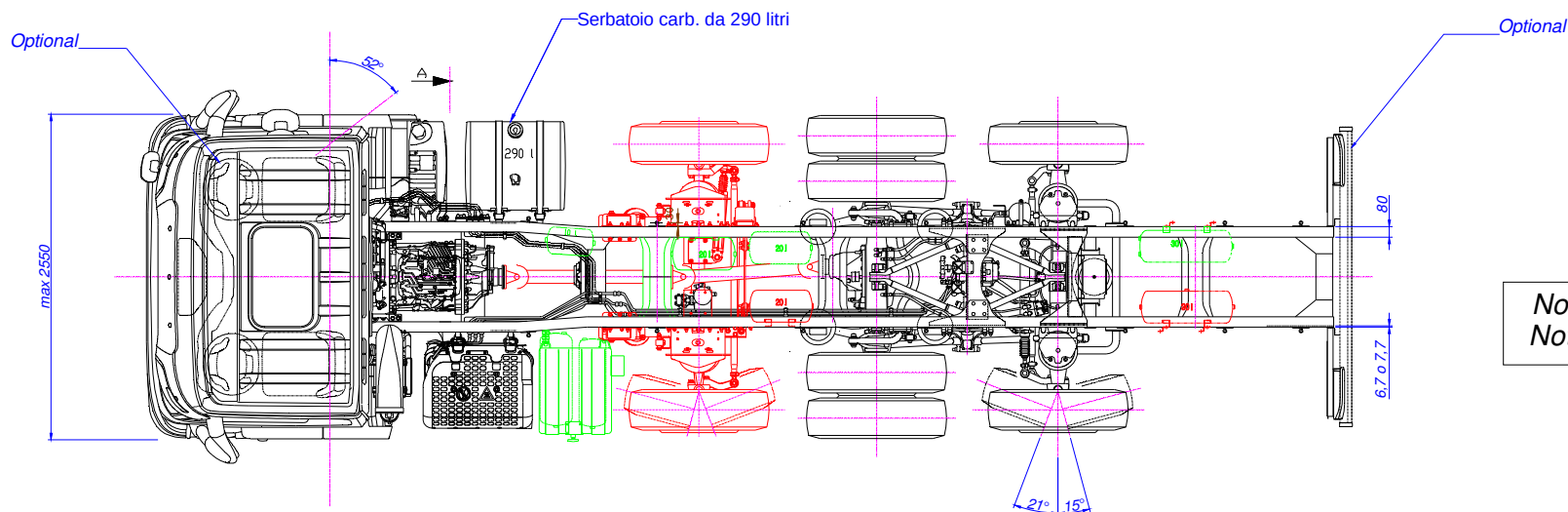
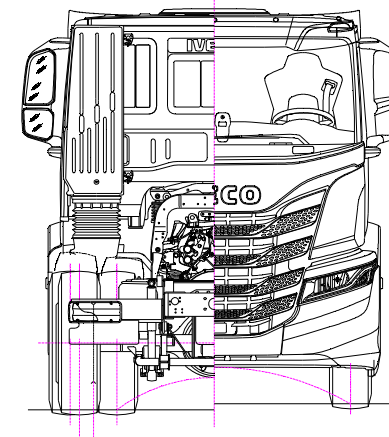
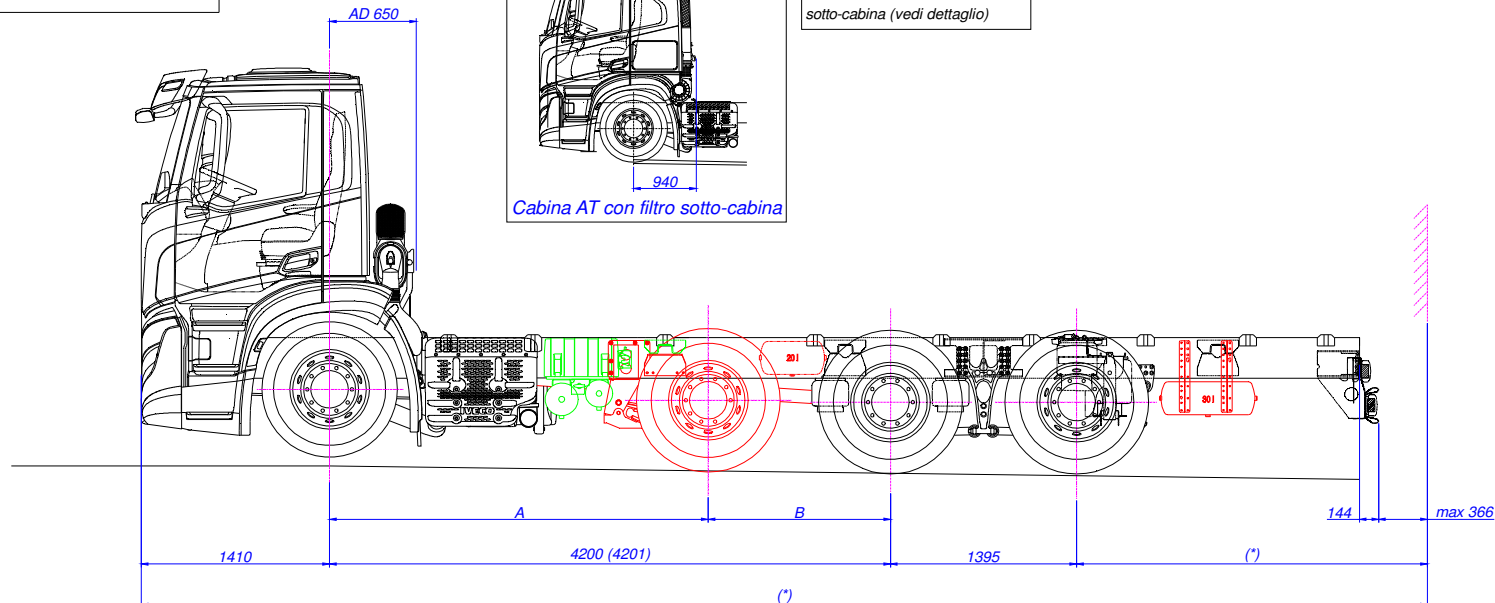
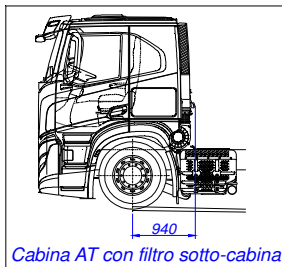
Eliminare ala
per un tratto L=140

Tightening tolerance = 100%	ISO 2768 - ---- Tolerancing ISO 8015	Author A.TIBALDO	Date 31/01/2020	Scale 1:20
FIGURINO IVECO S-WAY AD/AT260S Y/PS/FS ON FILTRO STANDARD - CONF 1+3 - PASSO 4200 MM 55.01.03.0157				

E24*13R11/18*0056*04

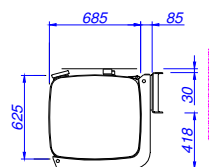
Disegno per omologazione
Drawing for type-approval

Configurazione valida anche per
veicolo con cabina AT e filtro
sotto-cabina (vedi dettaglio)



Nota (*): vedere scheda informativa
Note (*): see information document

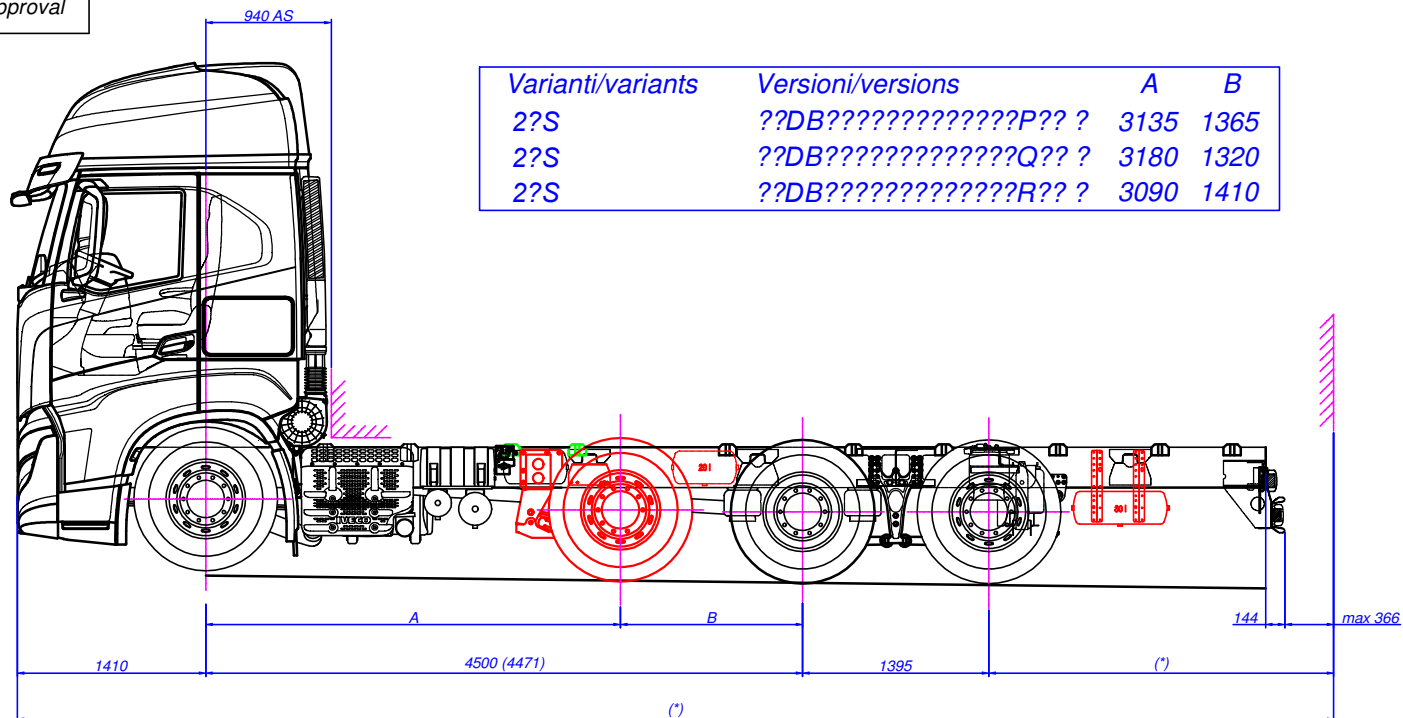
Vista A/ View A



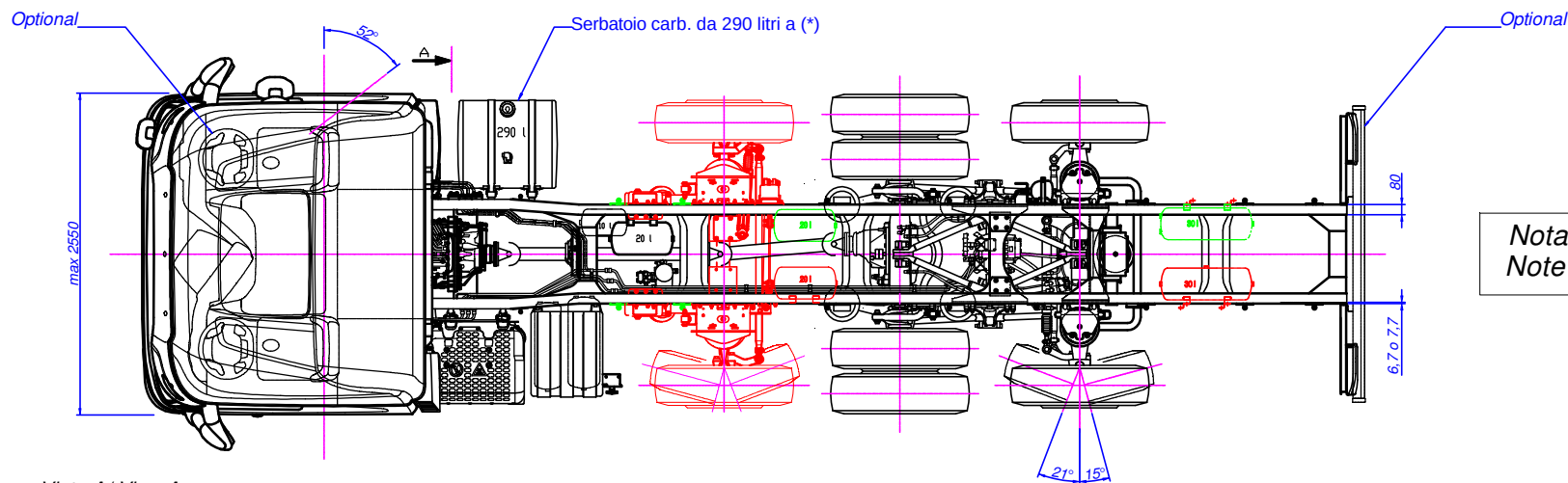
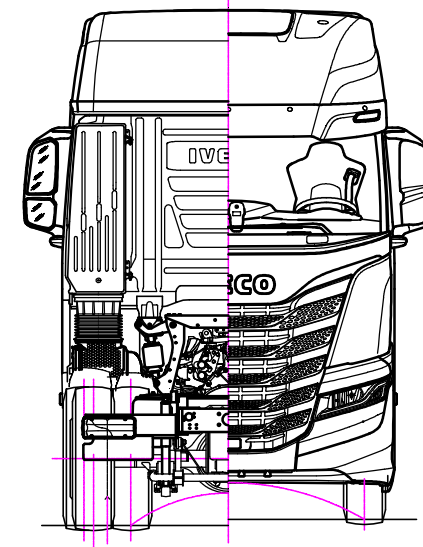
Varianti/variants	Versioni/versions	A	B
???	??CB????????????P?? ?	2835	1365
???	??CB????????????Q?? ?	2880	1320
???	??CB????????????R?? ?	2790	1410

Tightening tolerance - ISO 4	ISO 2768 - ---- Tolerancing ISO 8015	Author A.TIBALDO	Date 31/01/2020	Scale 1:20
FIGURINO IVECO S-WAY AD/AT260S Y/PS/FS ON - FILTRO COMPATTO O SOTTO-CABINA - CONF. 1-3 - PASSO 4200 MM				
55.01.03.0157	55.01.03.0157	2/2	A1	

E24*13R11/18*0056*04

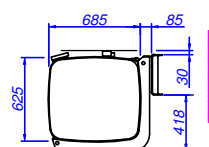


Varianti/variants	Versioni/versions	A	B
??S	??DB????????????P?? ?	3135	1365
??S	??DB????????????Q?? ?	3180	1320
??S	??DB????????????R?? ?	3090	1410



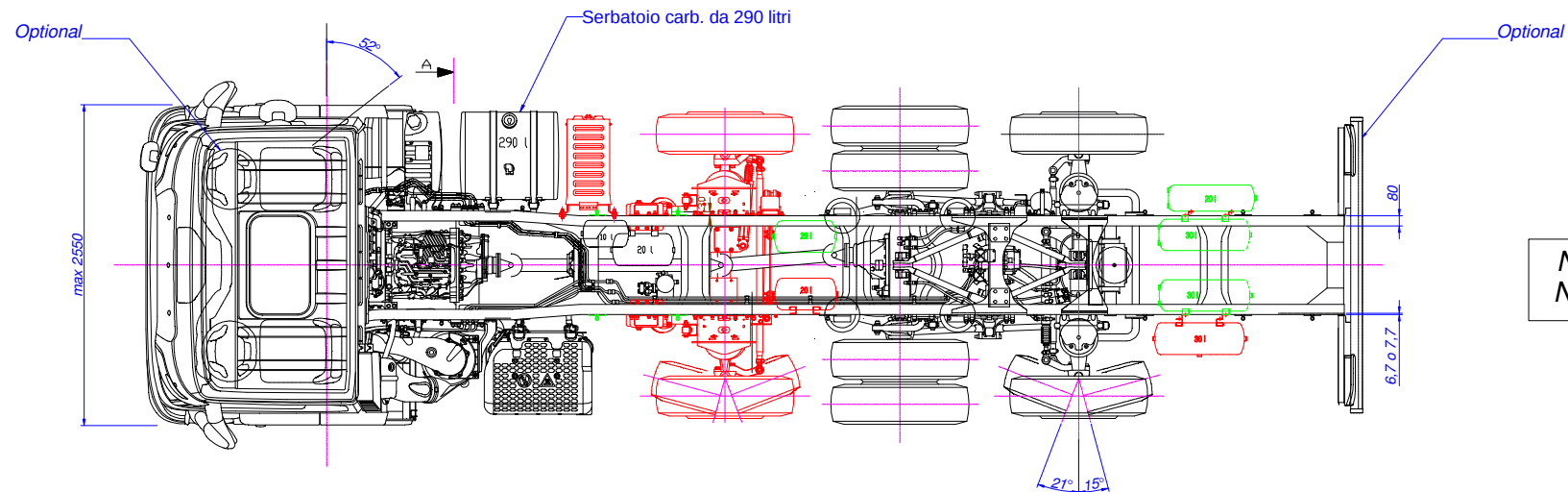
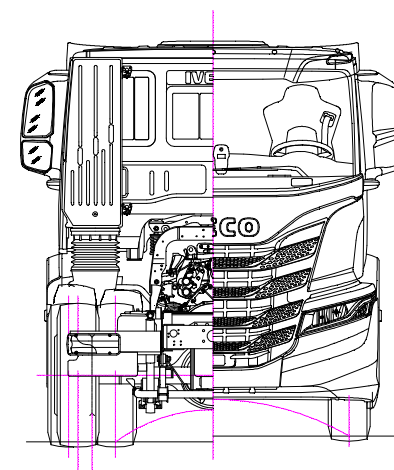
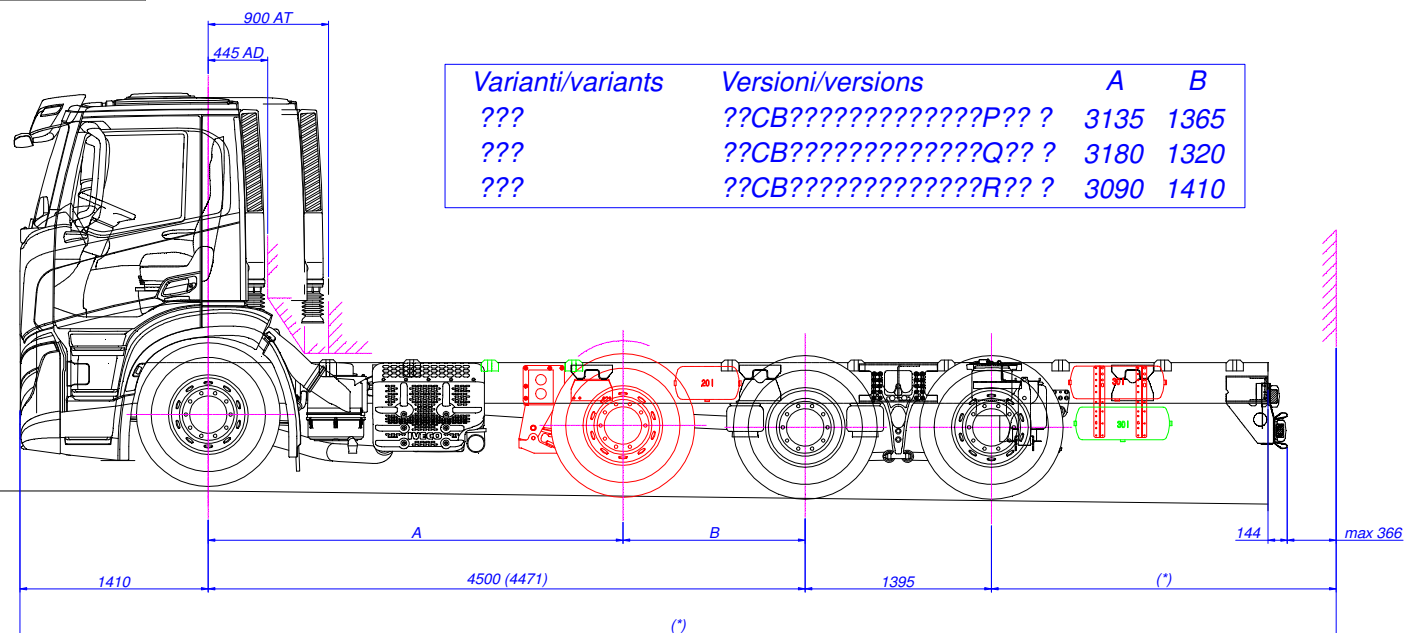
Nota (*): vedere scheda informativa
Note (*): see information document

Vista A/ View A

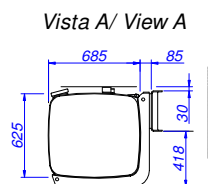


Tightening tolerance - ISO 1004	ISO 2768 - ---- Tolerancing ISO 8015	Author A.TIBALDO	Date 31/01/2020	Scale 1:20
FIGURINO IVECO S-WAY AS2605 Y/PS/FS ON CONF. 1+3 - PASSO 4500 MM 55.01.03.0164				
55.01.03.0164 55.01.03.0164 1/1 A1				

E24*13R11/18*0056*04

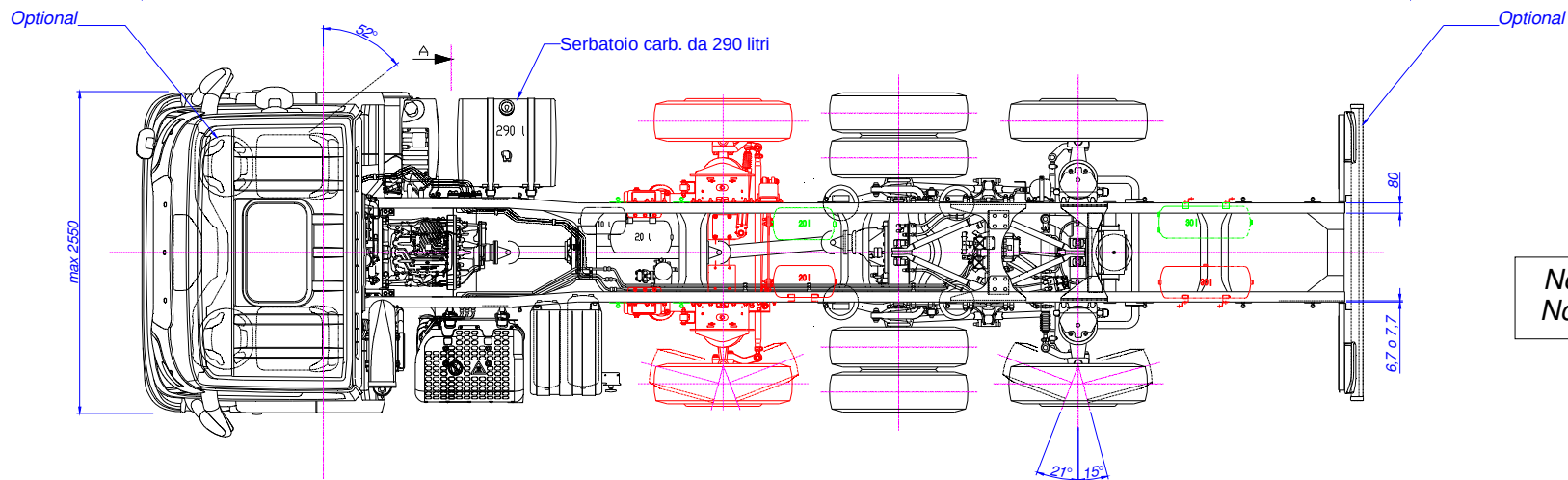
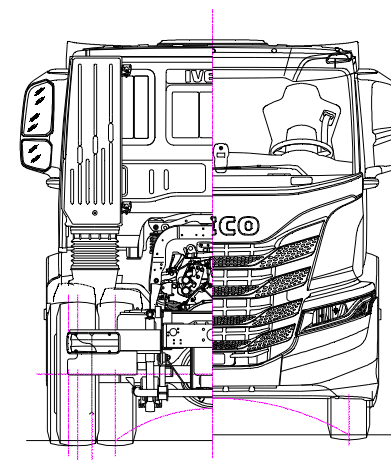
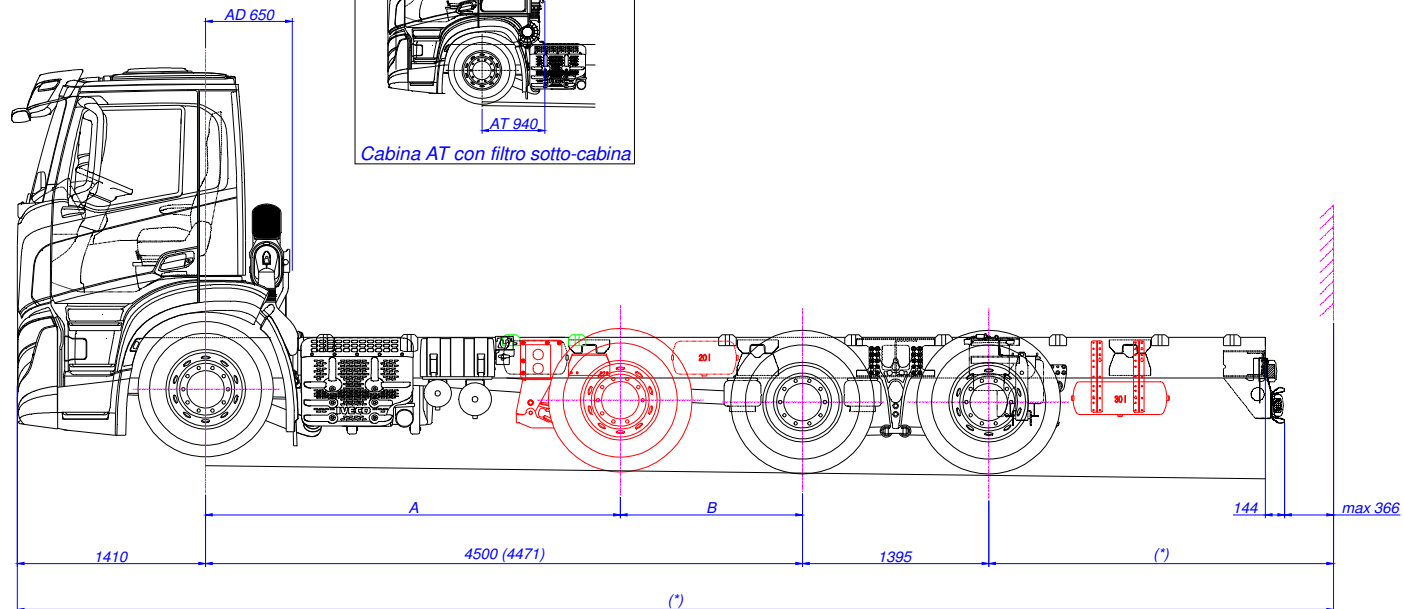
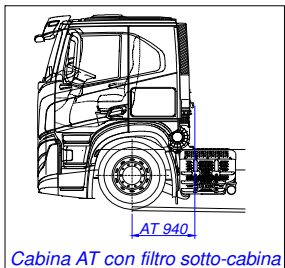


Nota (*): vedere scheda informativa
Note (*): see information document



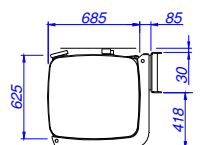
Disegno per omologazione
Drawing for type-approval

Configurazione valida anche per
veicolo con cabina AT e filtro
sotto-cabina (vedi dettaglio)



Nota (*): vedere scheda informativa
Note (*): see information document

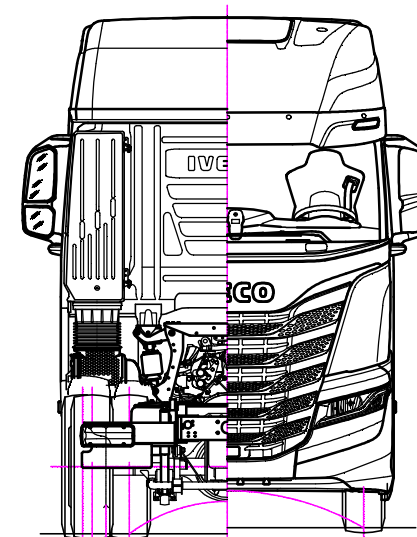
Vista A/ View A



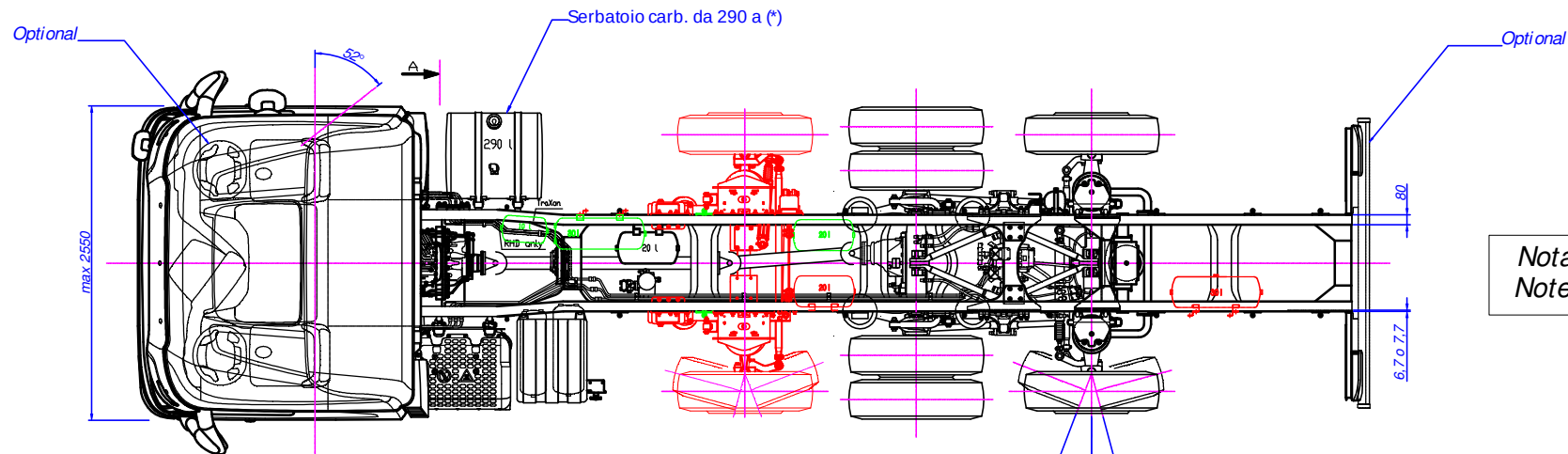
Varianti/variants	Versioni/versions	A	B
???	??CB????????????P?? ?	3135	1365
???	??CB????????????Q?? ?	3180	1320
???	??CB????????????R?? ?	3090	1410

Tightening tolerance = 100%	ISO 2768 - ---- Tolerancing ISO 8015	Author A. TIBALDO	Date 31/01/2020	Scale 1:20
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FIGURINO IVECO S-WAY AD/AT260S Y/PS/FS ON - FILTRO COMPATTO O SOTTOCABINA - CONF. 1+3 - PASSO 4500 MM				
Code 55.01.03.0158	Drawing 55.01.03.0158	Sheet 2/2	Format A1	

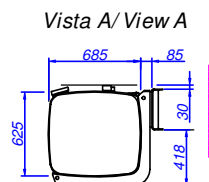
E24*13R11/18*0056*04

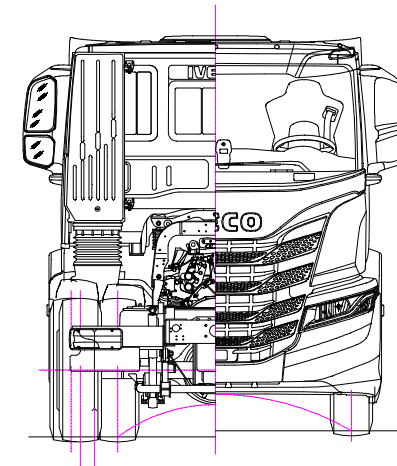


Varianti/variants	Versioni/versions	A	B
2?S	??EB????????????P?? ?	3435	1365
2?S	??EB????????????Q?? ?	3480	1320
2?S	??EB????????????R?? ?	3390	1410

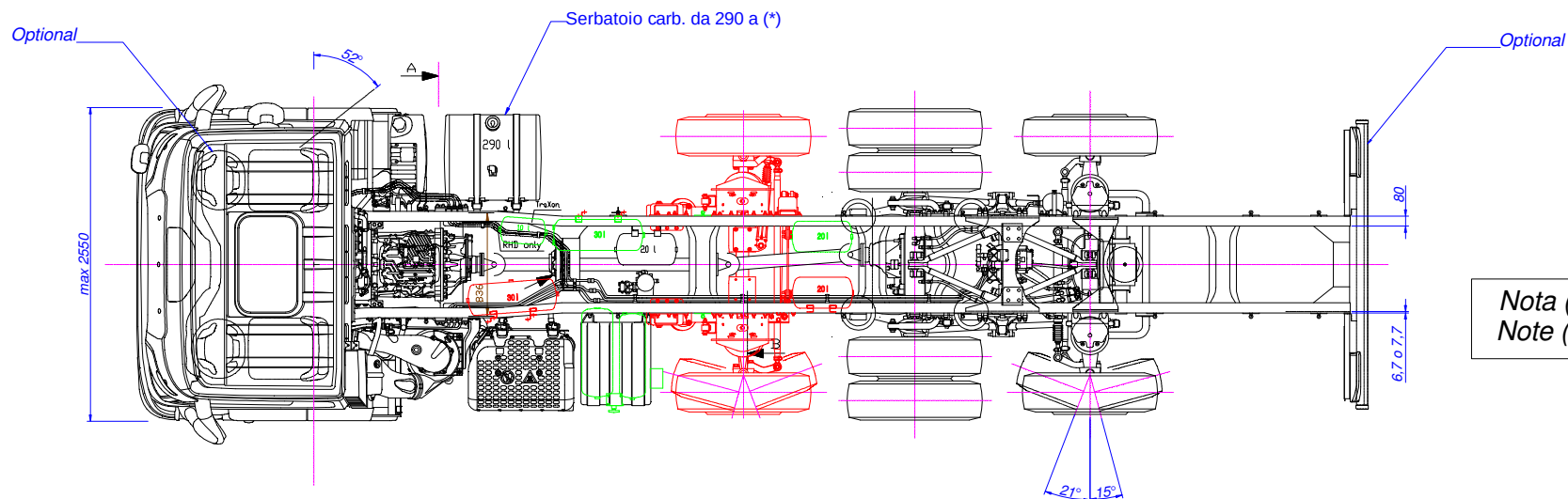


Nota (*): vedere scheda informativa
Note (*): see information document



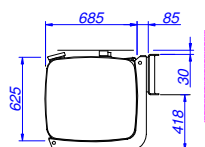


Varianti/variants	Versioni/versions	A	B
???	??CB????????????P?? ?	3435	1365
???	??CB????????????Q?? ?	3480	1320
???	??CB????????????R?? ?	3390	1410



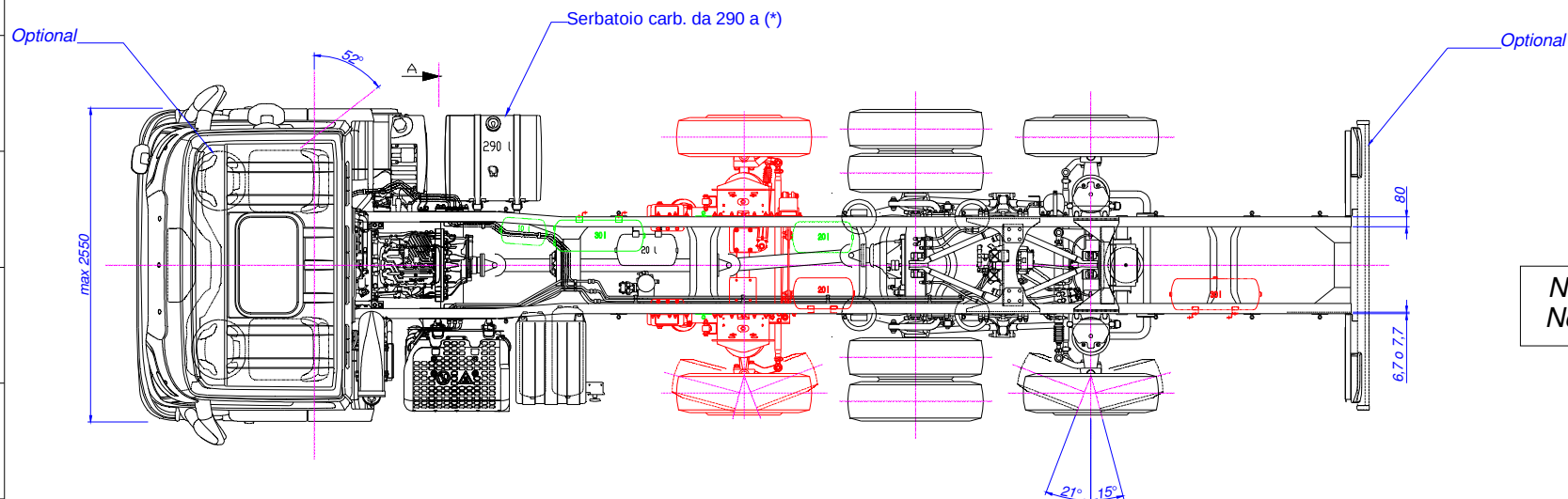
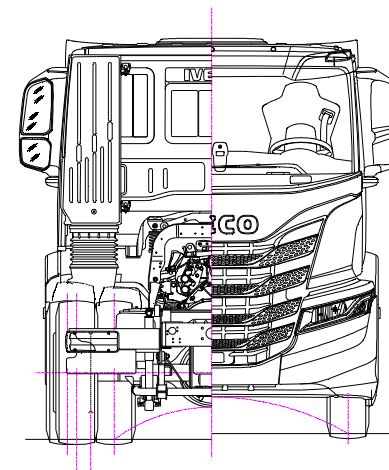
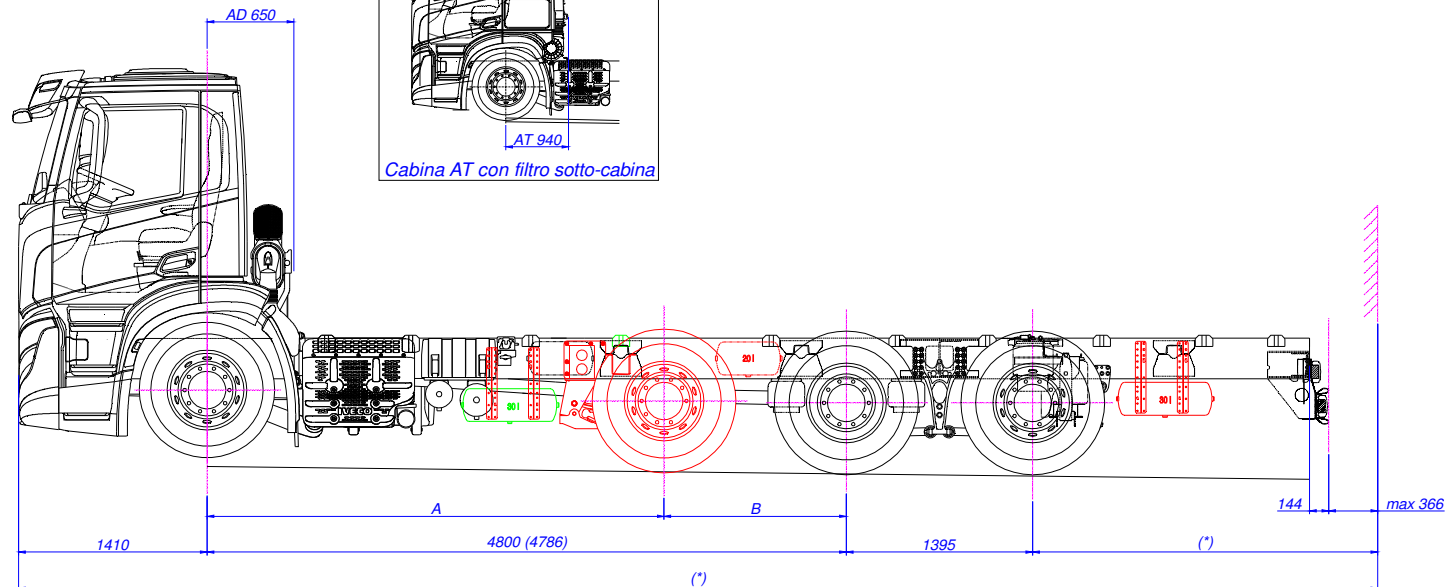
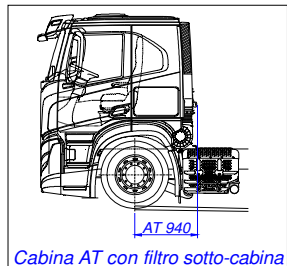
Nota (): vedere scheda informativa*
Note (): see information document*

Vista A/ View A



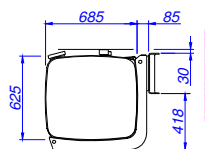
Disegno per omologazione
Drawing for type-approval

Configurazione valida anche per
veicolo con cabina AT e filtro
sotto-cabina (vedi dettaglio)



Nota (*): vedere scheda informativa
Note (*): see information document

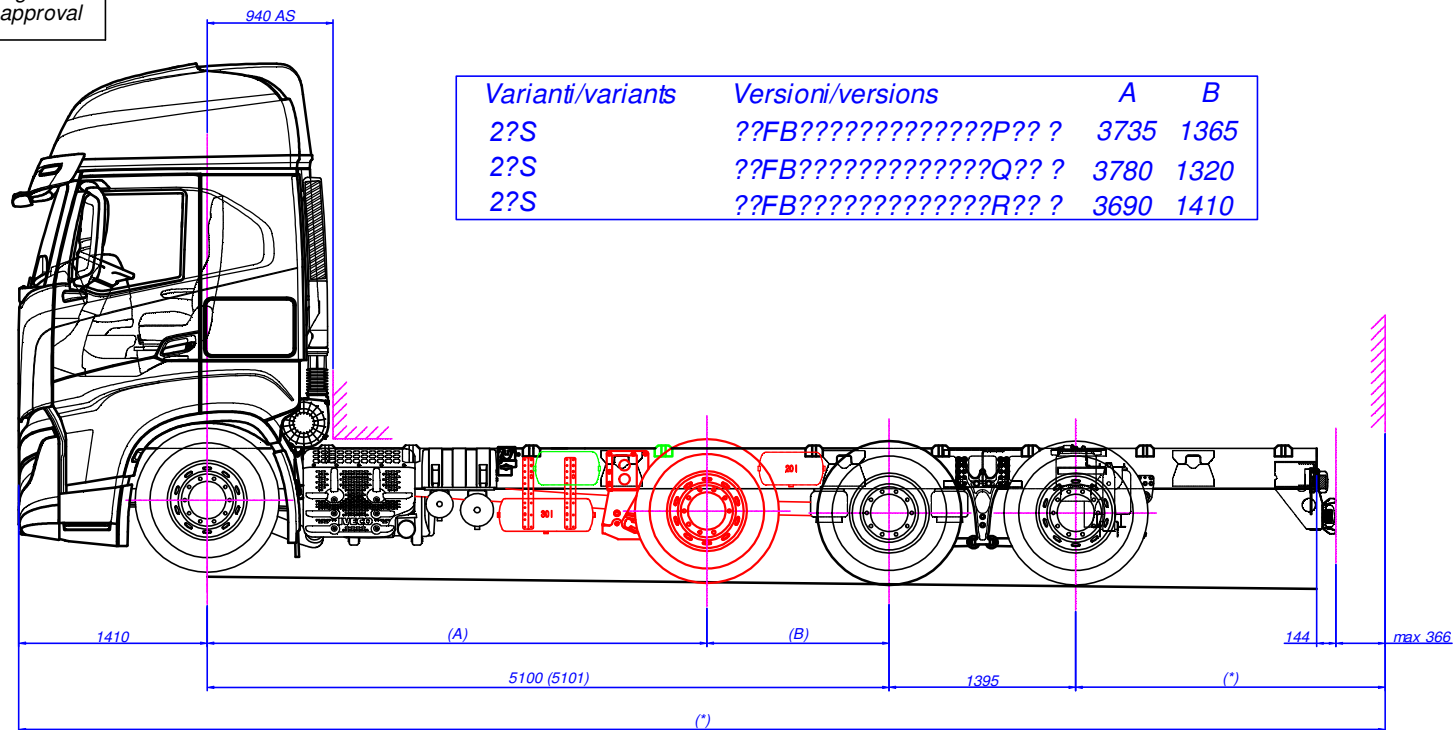
Vista A/ View A



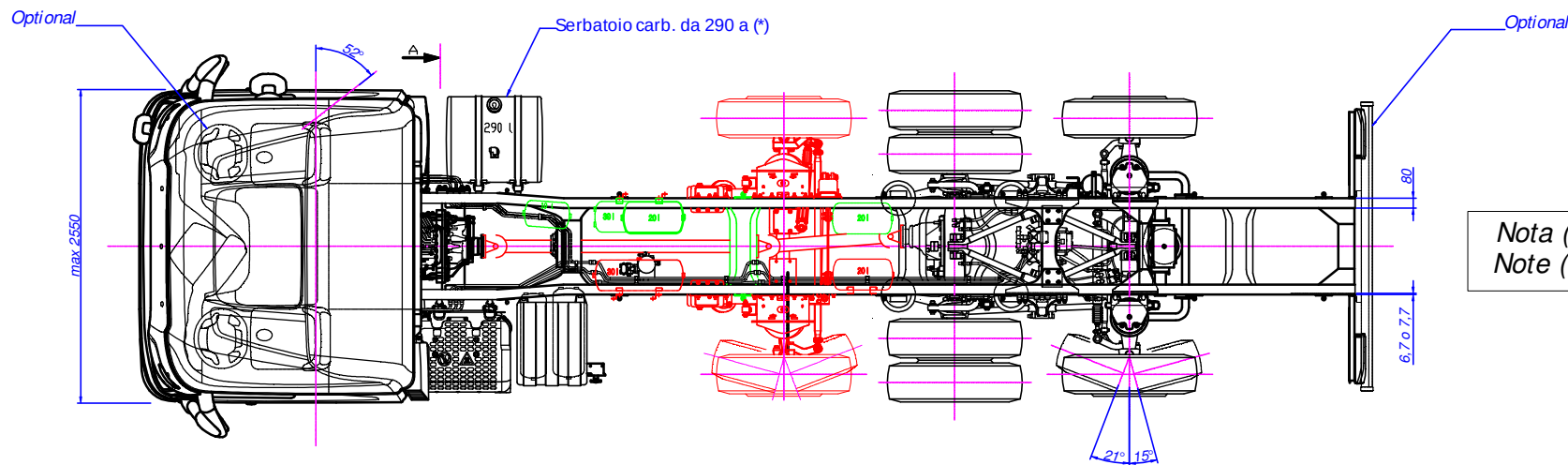
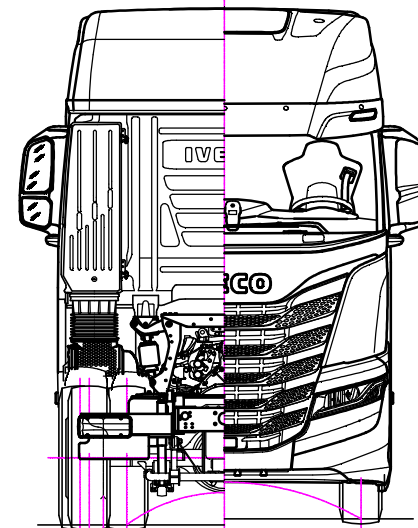
Varianti/variants	Versioni/versions	A	B
???	??CB????????????P?? ?	3435	1365
???	??CB????????????Q?? ?	3480	1320
???	??CB????????????R?? ?	3390	1410

Tightening tolerance = 100%	ISO 2768 - ---- Tolerancing ISO 8015	Author A. TIBALDO	Date 31/01/2020	Scale 1:20
FIGURINO IVECO S-WAY AD/AT260S Y/PS/FS ON - FILTRO COMPATTO O SOTTO-CABINA - CONF. 1+3 - PASSO 4800 MM				
Code 55.01.03.0159	Drawing 55.01.03.0159	Sheet 2/2	Format A1	

E24*13R11/18*0056*04

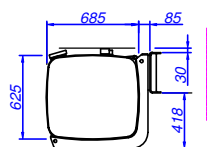


Varianti/variants	Versioni/versions	A	B
2?S	??FB????????????P?? ?	3735	1365
2?S	??FB????????????Q?? ?	3780	1320
2?S	??FB????????????R?? ?	3690	1410



Nota (*): vedere scheda informativa
Note (*): see information document

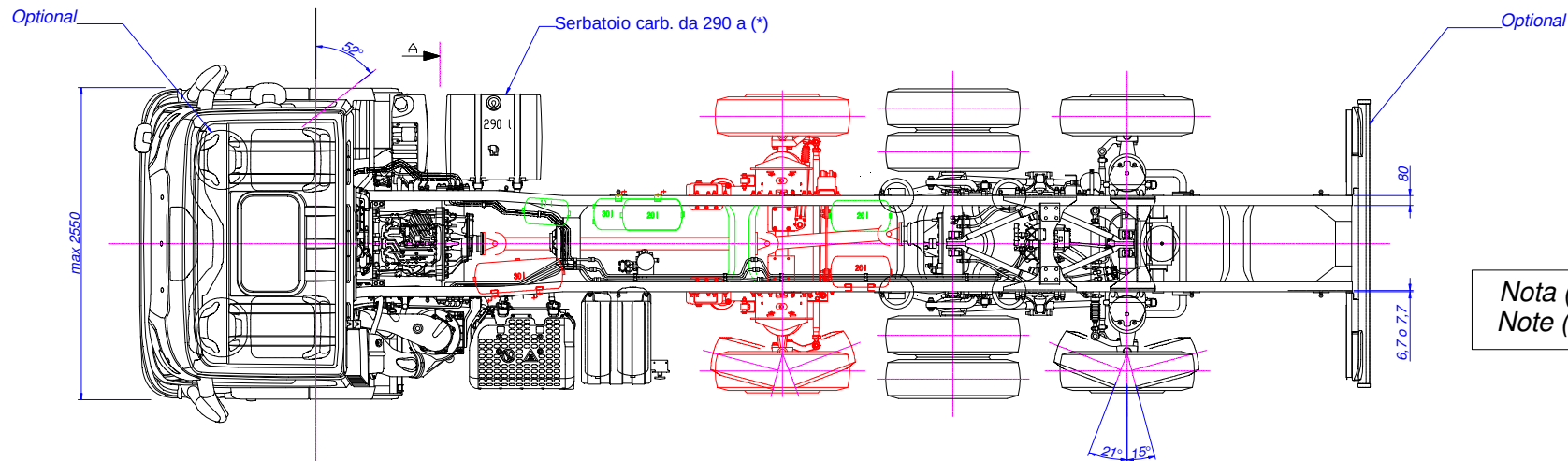
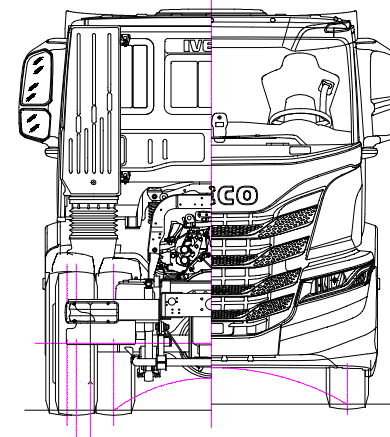
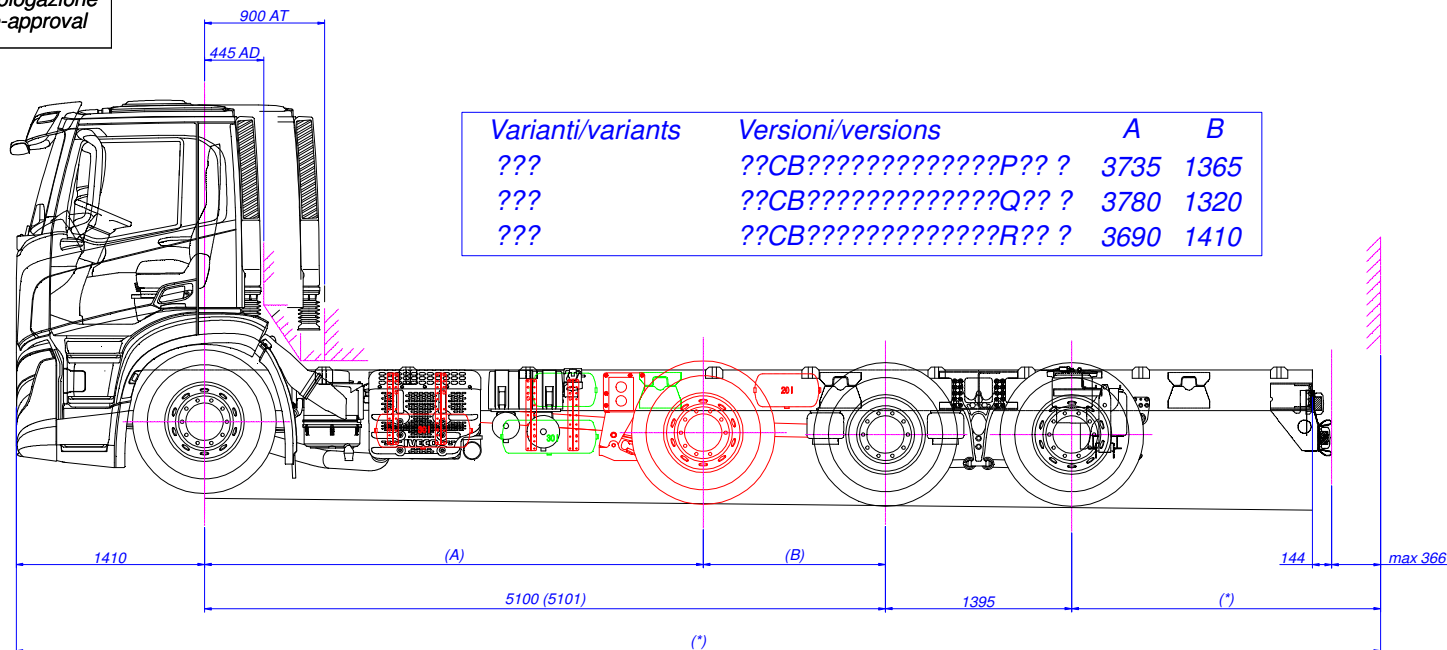
Vista A/ View A



Tightening Tolerance - 1004	ISO 2768 - ---- Tolerancing ISO 8015	Author A.TIBALDO	Date 31/01/2020	Scale 1:20
FIGURNO VED S-WAY AS2605 Y/PS/FS ON CONF. 18 - PASSO 5100 MM Code 55.0103.0166				
Sheet 1/1			Form A1	

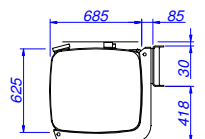
E24*13R11/18*0056*04

Disegno per omologazione
Drawing for type-approval



Nota (*): vedere scheda informativa
Note (*): see information document

Vista A/ View A

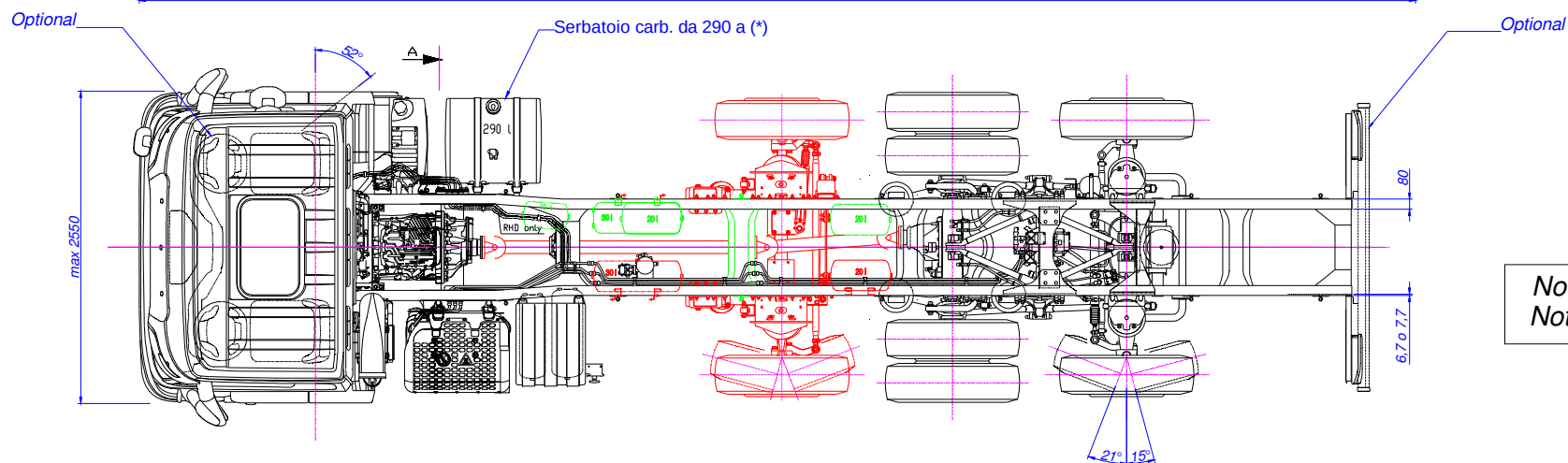
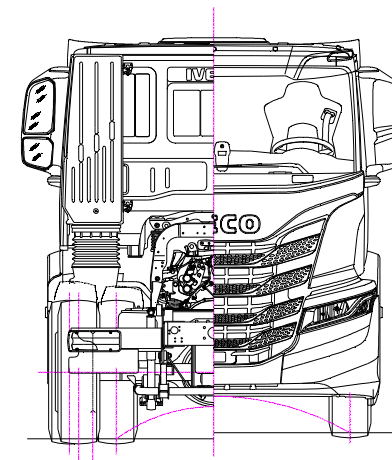
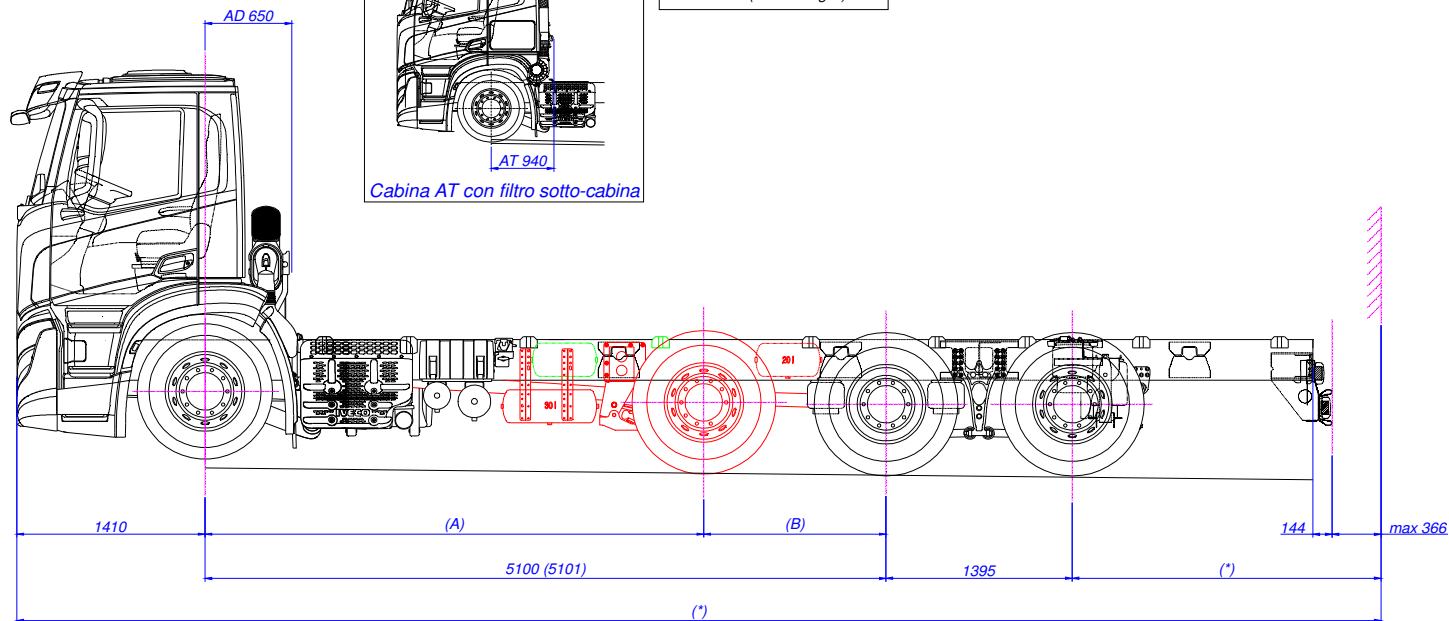
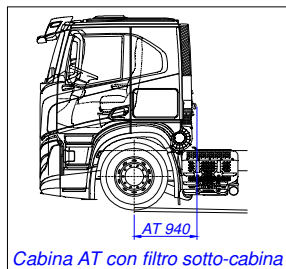


Tightening tolerance = 100%	ISO 2768 - ---- Tolerancing ISO 8015	Author A. TIBALDO	Date 31/01/2020	Scale 1:20
 FIGURINO IVECO S-WAY AD/AT260S Y/PS/FS ON FILTRO STANDARD - CONF. 1+3 - PASSO 5100 MM				
Code 55.01.03.0160	Drawing 55.01.03.0160	Sheet 1/2	Format A1	

E24*13R11/18*0056*04

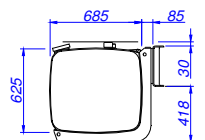
Disegno per omologazione
Drawing for type-approval

Configurazione valida anche per
veicolo con cabina AT e filtro
sotto-cabina (vedi dettaglio)



Nota (*): vedere scheda informativa
Note (*): see information document

Vista A/ View A



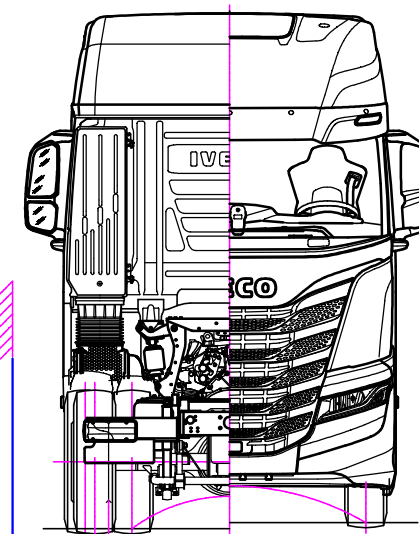
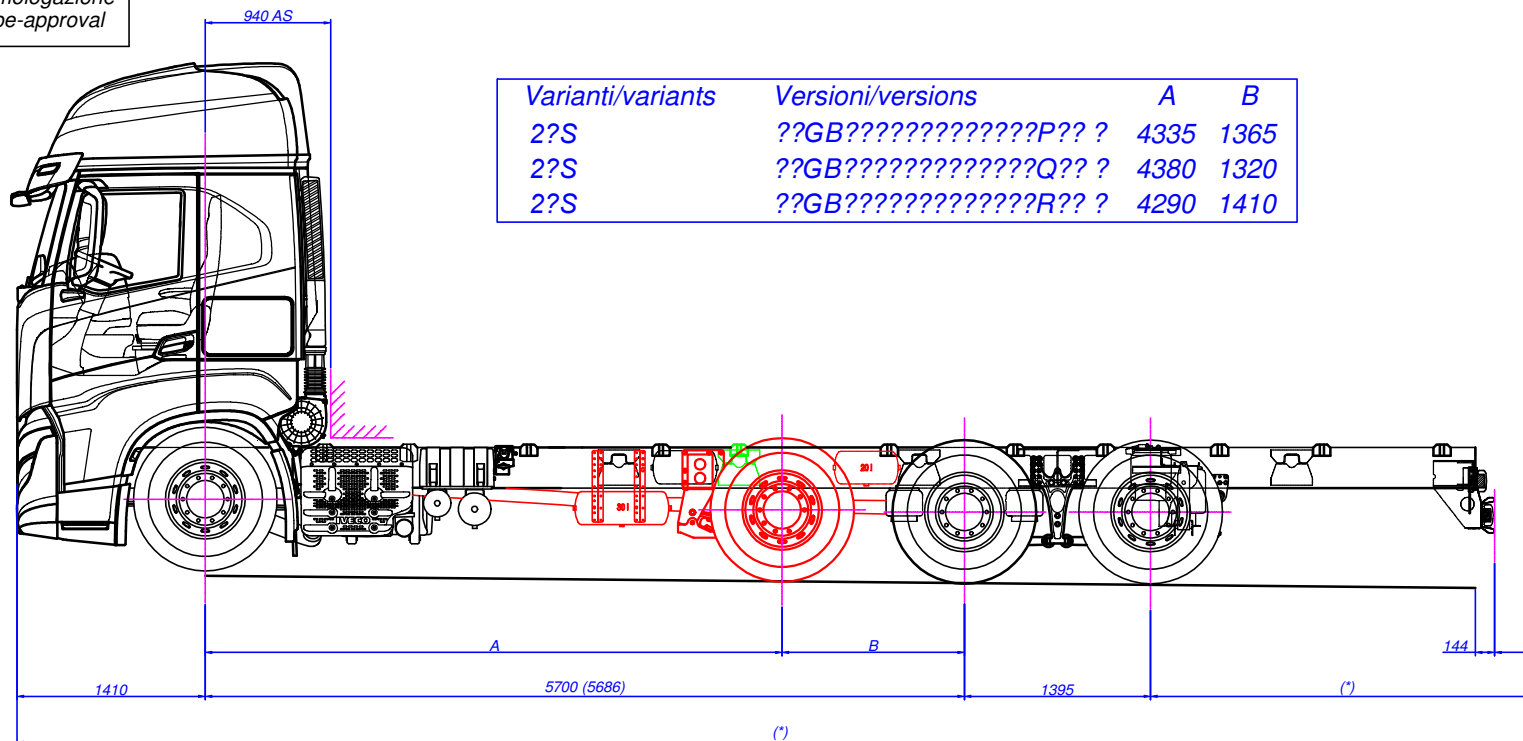
Varianti/variants	Versioni/versions	A	B
???	??CB????????????P?? ?	3735	1365
???	??CB????????????Q?? ?	3780	1320
???	??CB????????????R?? ?	3690	1410

Tightening tolerance = 100%	ISO 2768 - ---- Tolerancing ISO 8015	Author A. TIBALDO	Date 31/01/2020	Scale 1:20
FIGURINO IVECO S-WAY AD/AT260S Y/PS/FS ON - FILTRO COMPATTO O SOTTO-CABINA - CONF. 1+3 - PASSO 5100 MM				
Code 55.01.03.0160	Drawing 55.01.03.0160	Sheet 2/2	Format A1	

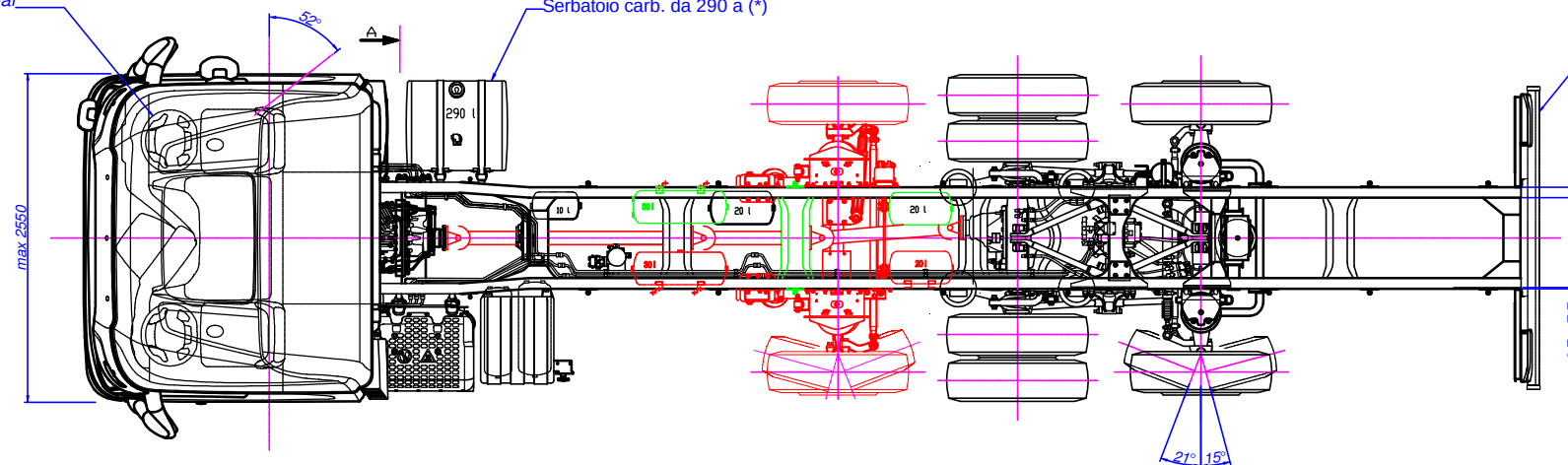
E24*13R11/18*0056*04

Disegno per omologazione
Drawing for type-approval

Varianti/variants	Versioni/versions	A	B
2?S	??GB????????????P?? ?	4335	1365
2?S	??GB????????????Q?? ?	4380	1320
2?S	??GB????????????R?? ?	4290	1410

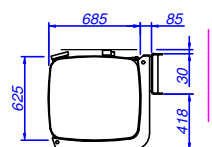


Optional



Optional

Vista A/ View A

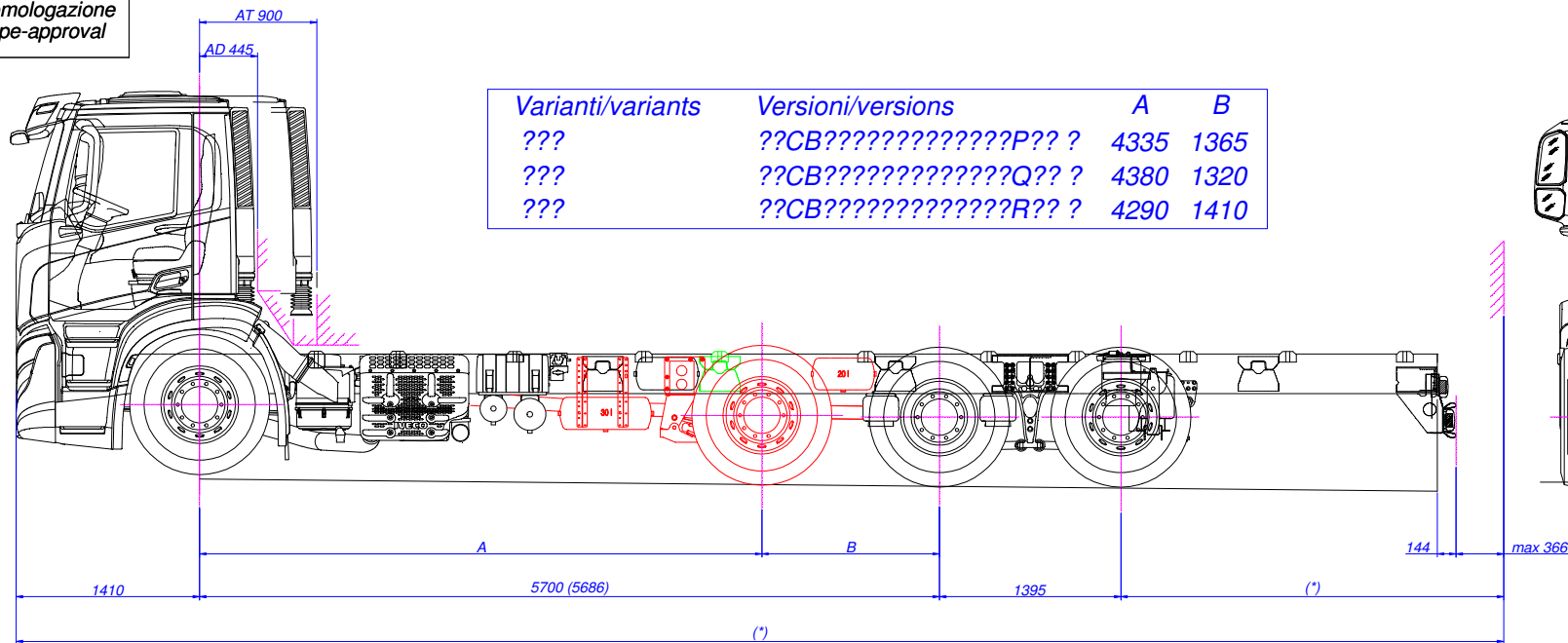


Nota (*): vedere scheda informativa
Note (*): see information document

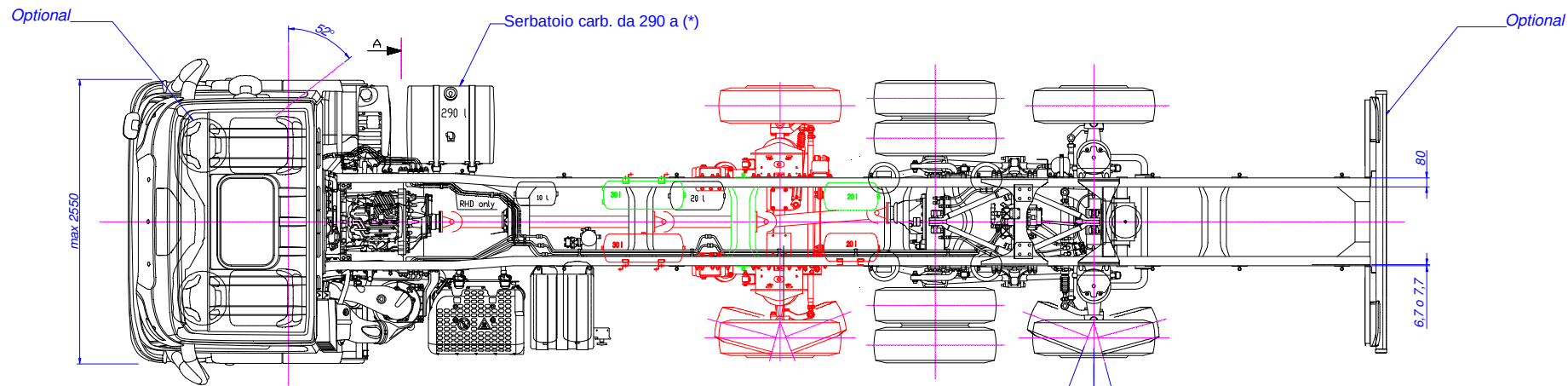
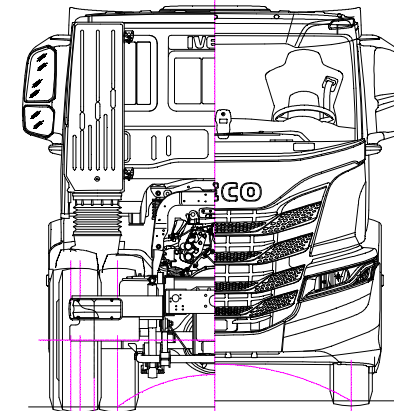
Tightening tolerance = 1004	ISO 2768 - ---- Tolerancing ISO 8015	Author A.TIBALDO	Date 31/01/2020	Scale 1:20
All rights reserved. This document is the property of ASSAF S.p.A. and its use is limited to the specific project for which it was created. Any reproduction or distribution of this document without the written consent of ASSAF S.p.A. is strictly prohibited.				
FIGURINO IVECO S-WAY AS2605 Y/PS/FS ON CONF. 1+3 - PASSO 5700 MM				
Code 55.01.03.0167	Drawing 55.01.03.0167	Sheet 1/1	Format A1	

E24*13R11/18*0056*04

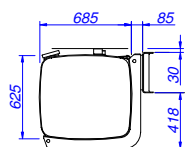
Disegno per omologazione
Drawing for type-approval



Varianti/variants	Versioni/versions	A	B
???	??CB????????????P?? ?	4335	1365
???	??CB????????????Q?? ?	4380	1320
???	??CB????????????R?? ?	4290	1410



Vista A/ View A

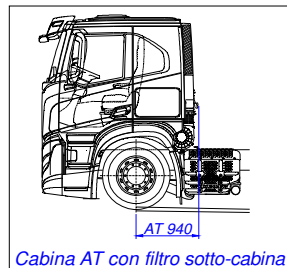


Nota (*): vedere scheda informativa
Note (*): see information document

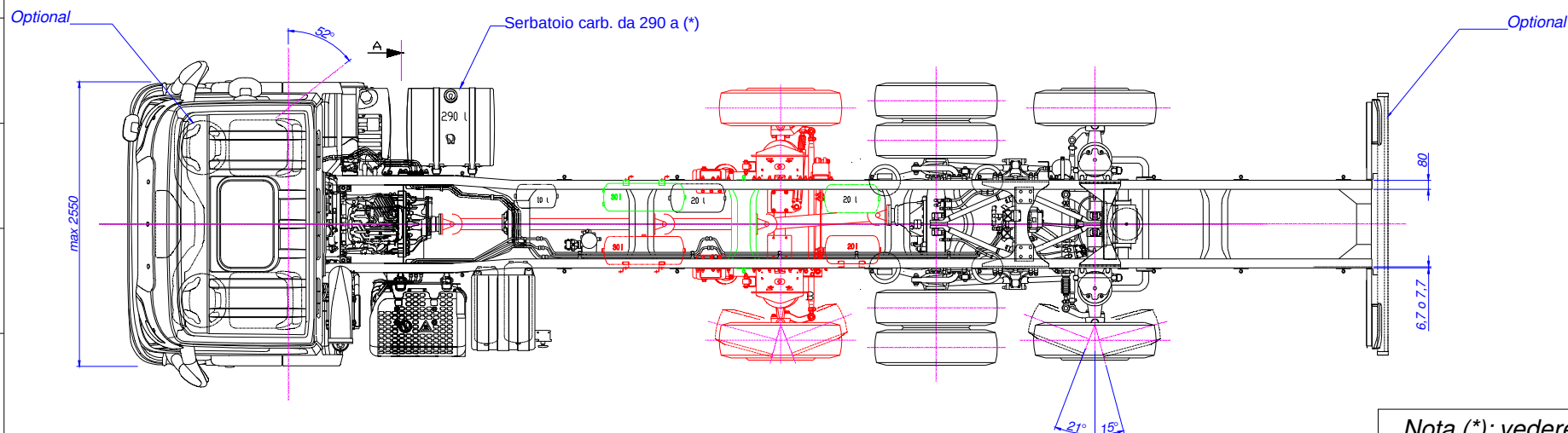
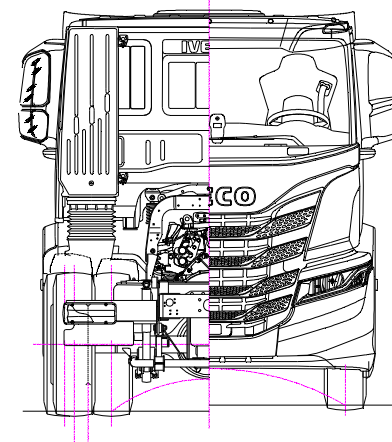
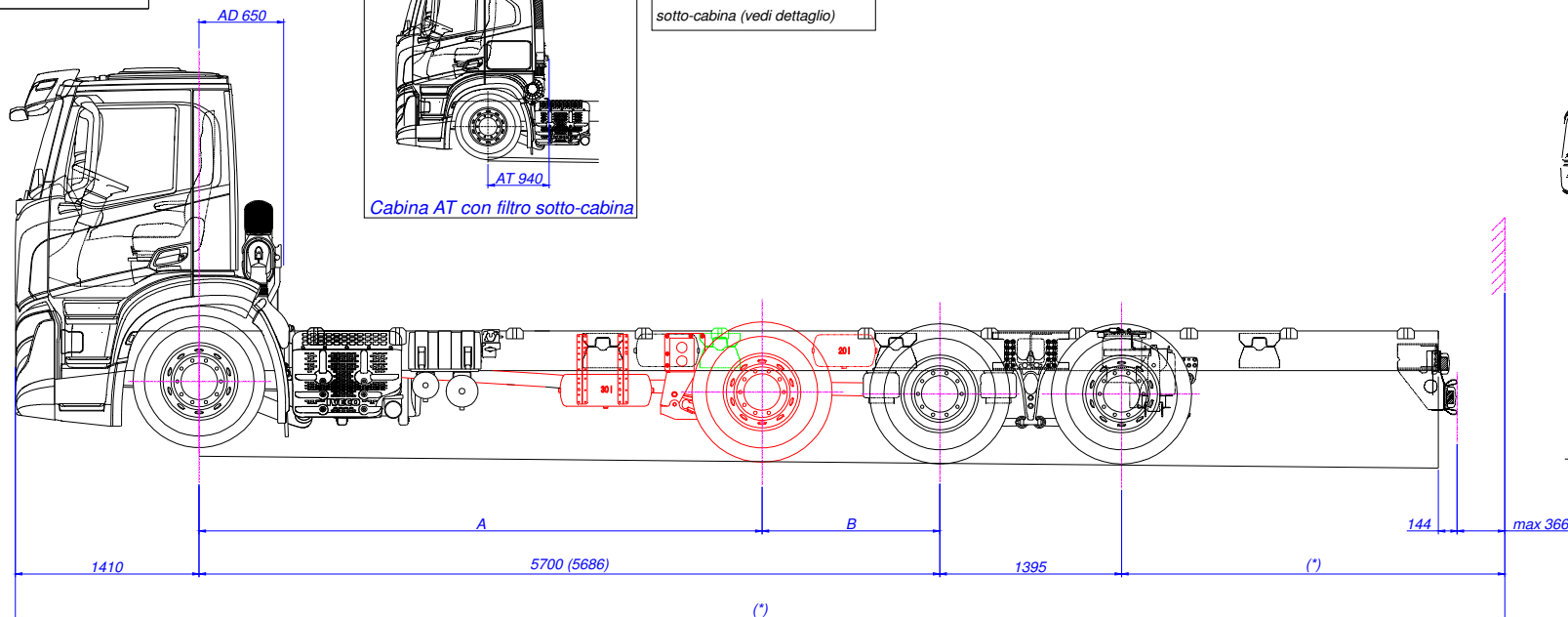
Tightening tolerance = 100%	ISO 2768 - ---- Tolerancing ISO 8015	Author A. TIBALDO	Date 31/01/2020	Scale 1:20
FIGURINO IVECO S-WAY AD/AT260S Y/PS/FS ON FILTRO STANDARD - CONF. 1+3 - PASSO 5700 MM				
Code 55.01.03.0161	Drawing 55.01.03.0161	Sheet 1/2	Format A1	

E24*13R11/18*0056*04

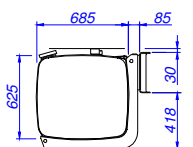
Disegno per omologazione
Drawing for type-approval



Configurazione valida anche per
veicolo con cabina AT e filtro
sotto-cabina (vedi dettaglio)



Vista A/ View A



Varianti/variants	Versioni/versions	A	B
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???	??CB????????????Q?? ?	4380	1320
???	??CB????????????R?? ?	4290	1410

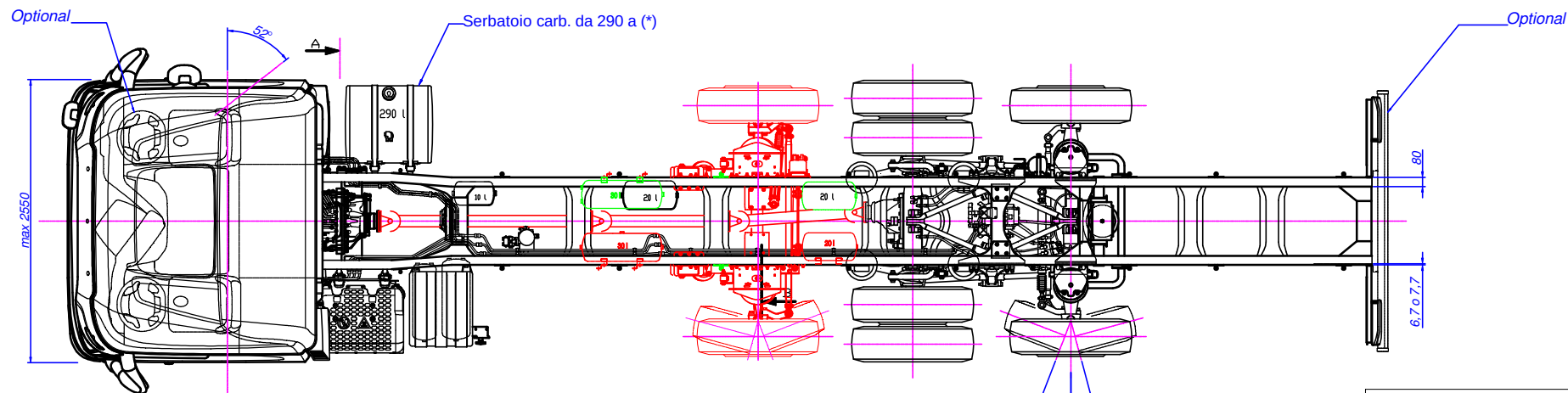
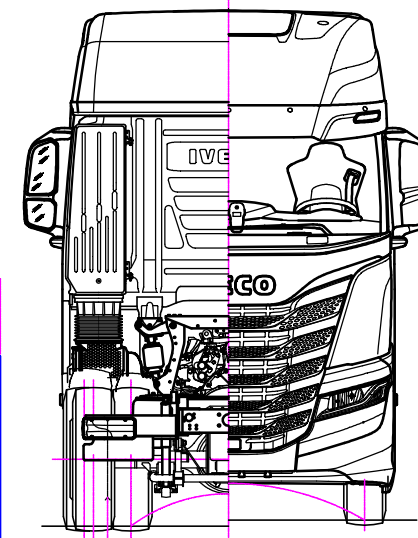
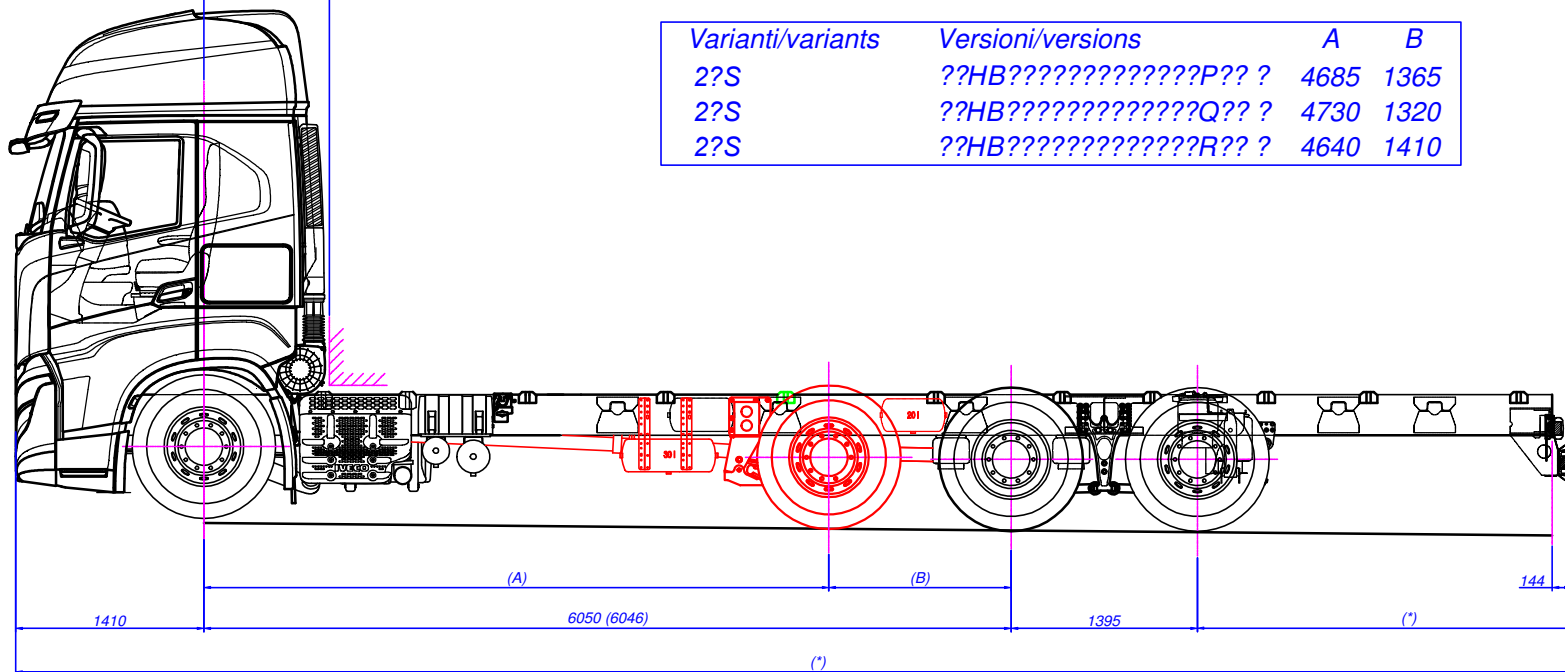
Nota (*): vedere scheda informativa
Note (*): see information document

Tightening tolerance = 100%	ISO 2768 - ---- Tolerancing ISO 8015	Author A. TIBALDO	Date 31/01/2020	Scale 1:20
assaf All proprietary rights reserved by S.T. System Truck S.p.A. The reproduction, distribution and/or use of this document as well as the communication of its content to others without express written authorisation is prohibited (see ISO 9001:2015) S.T. System Truck S.p.A. via Paese, 28 - I 40138 Bologna (BO) Tel. +39 051 2776 0000 www.stsystemtruck.com				
Description FIGURINO IVECO S-WAY AD/AT260S Y/PS/FS ON - FILTRO COMPATTO O SOTTO-CABINA - CONF. 1+3 - PASSO 5700 MM	Code 55.01.03.0161	Drawing 55.01.03.0161	Sheet 2/2	Format A1

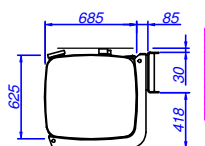
E24*13R11/18*0056*04

Disegno per omologazione
Drawing for type-approval

Varianti/variants	Versioni/versions	A	B
2?S	??HB????????????P?? ?	4685	1365
2?S	??HB????????????Q?? ?	4730	1320
2?S	??HB????????????R?? ?	4640	1410



Vista A/ View A



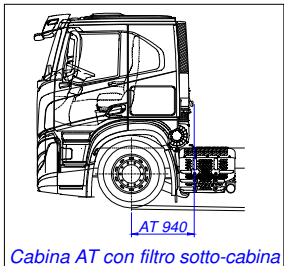
Nota (*): vedere scheda informativa
Note (*): see information document

Tightening tolerance = 100%	ISO 2768 - ---- Tolerancing ISO 8015	Author A. TIBALDO	Date 31/01/2020	Scale 1:20
FIGURINO IVECO S-WAY AS260S Y/PS/FS ON CONF. 1+3 - PASSO 6050 MM Code 55.01.03.0168 Drawing 55.01.03.0168 Sheet 1/1 Format A1				

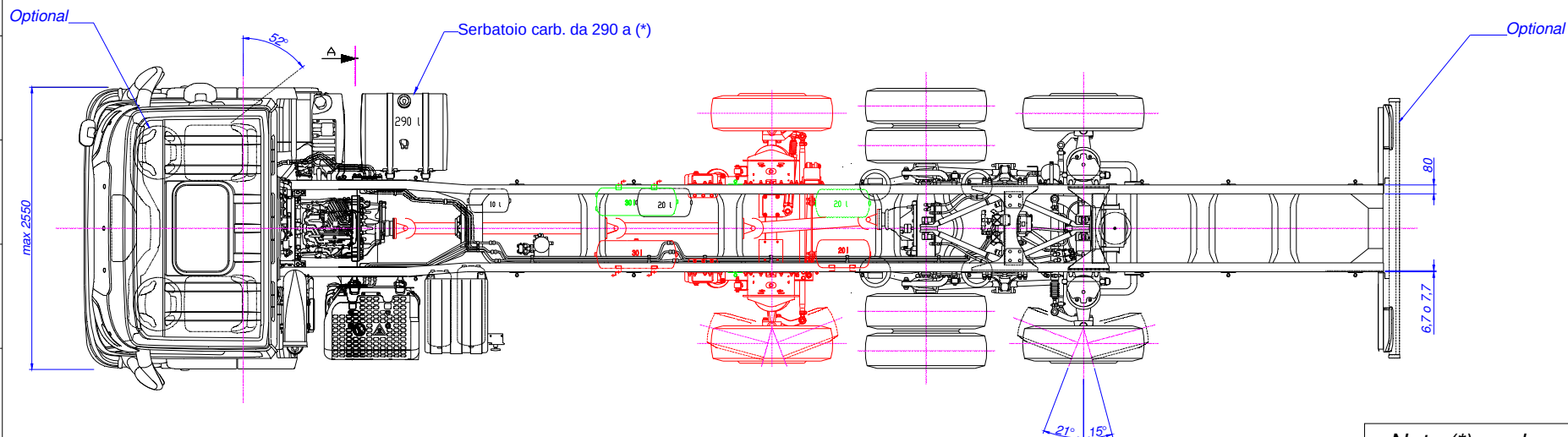
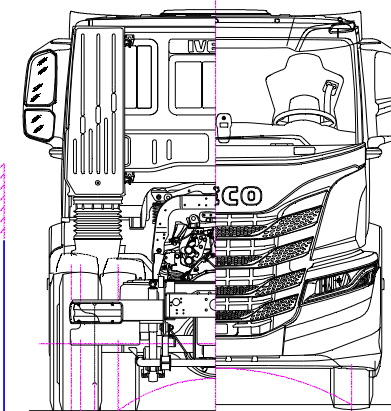
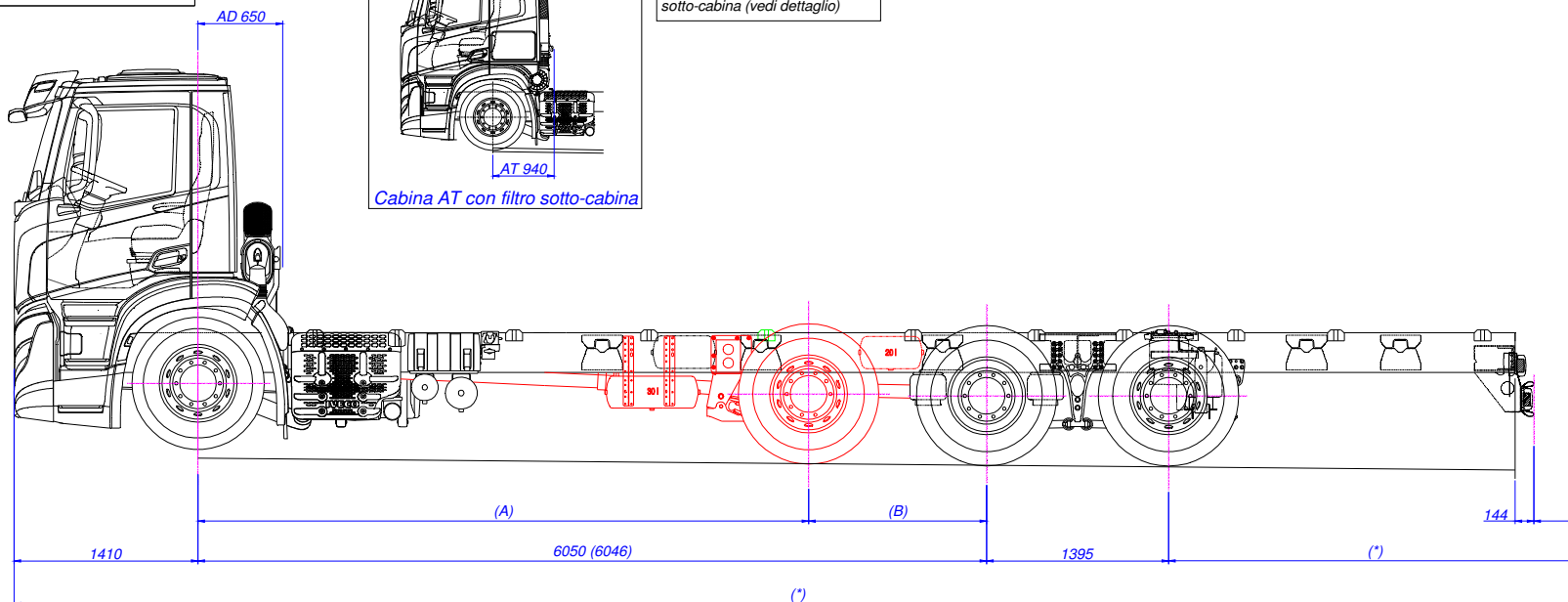
E24*13R11/18*0056*04

H

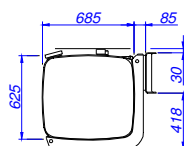
B



Configurazione valida anche per
veicolo con cabina AT e filtro
sotto-cabina (vedi dettaglio)

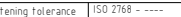


Vista A/ View A

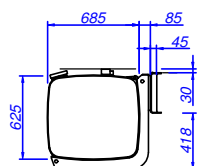
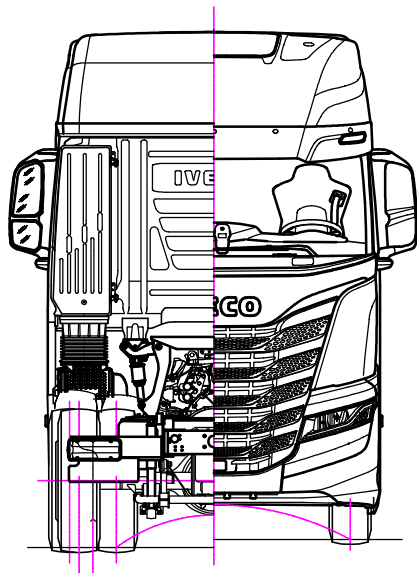


Varianti/variants	Versioni/versions	A	B
???	??CB????????????P?? ?	4685	1365
???	??CB????????????Q?? ?	4730	1320
???	??CB????????????R?? ?	4640	1410

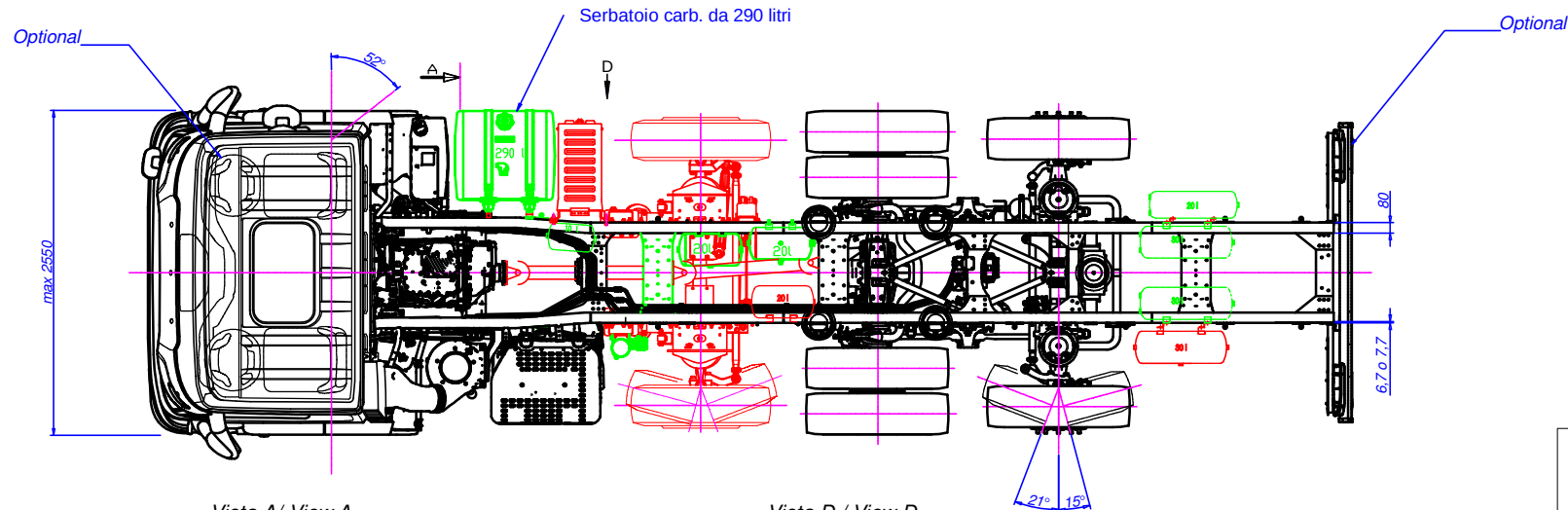
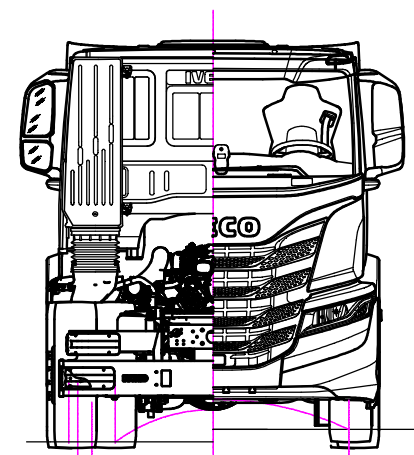
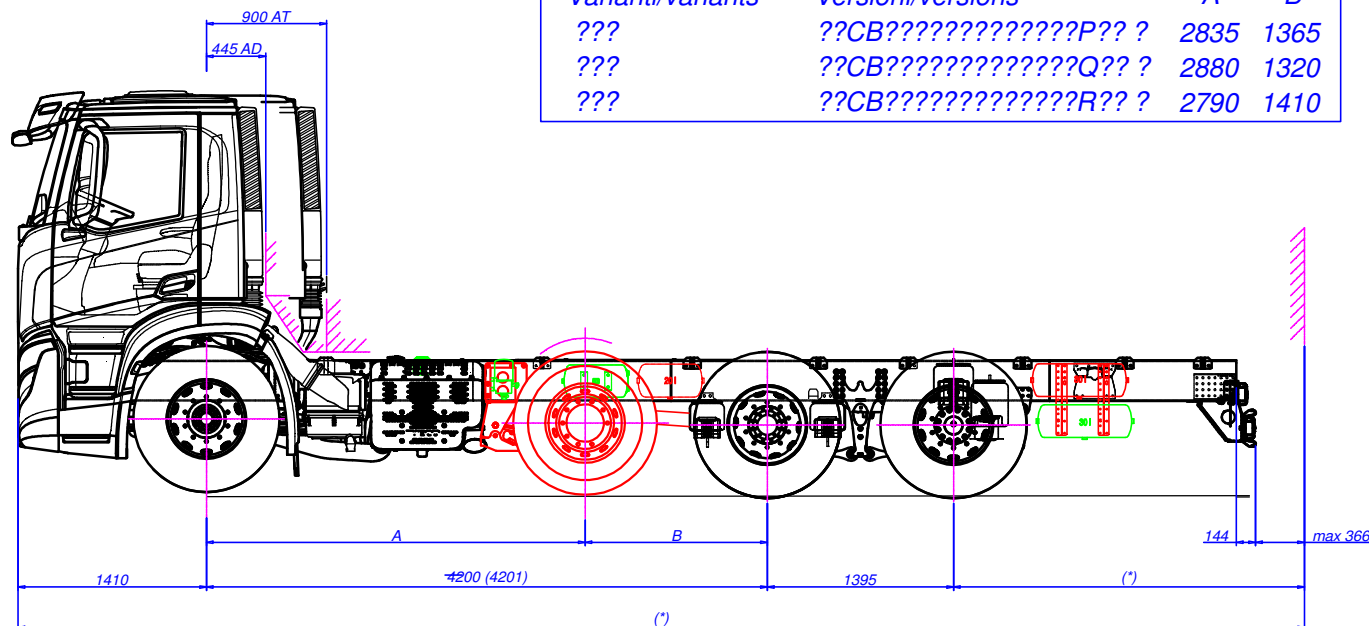
Nota (*): vedere scheda informativa
Note (*): see information document

Tightening Tolerance = 1004	ISO 2768 - ---- Tolerancing ISO 80/5	Author A. TIBALDO	Date 31/07/2010	Scale 1:20
				
Description FIGURING IVECO S-WAY AD/AT2605 Y/PS/FS ON - FILTRO CAMPTO O SOTTO-CABINA - CONF 1+3 - PASSO 6050 M				
All properties are rights reserved by S.T. System Trust S.p.A. and the use of this drawing without the authorization of this company is prohibited. This content is a property of the company and its use without the authorization is prohibited by ISO 9001:2008				
 S.T. System Trust S.p.A. Via Pansa, 29 - 41013 Carpi (MO) Italy Tel. +39 059 946891 Fax +39 059 946892 E-mail: info@st.it Web: www.st.it	Date 05_01_03_0162 Drawing 05_01_03_0162 Sheet 2/2 Format A1			

A vertical scale with labels A, B, C, D, E, F, G, H, J, K, L, and M. Horizontal tick marks are positioned between each label, creating 11 equal intervals. The labels are placed at the ends of these intervals, with A at the bottom and M at the top.

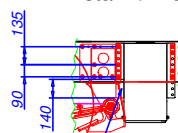
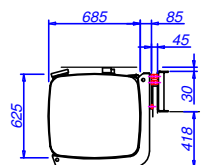


Varianti/variants	Versioni/versions	A	B
???	??CB????????????P?? ?	2835	1365
???	??CB????????????Q?? ?	2880	1320
???	??CB????????????R?? ?	2790	1410



Vista A/ View A

Vista D / View D



Eliminare ala
per un tratto L=140

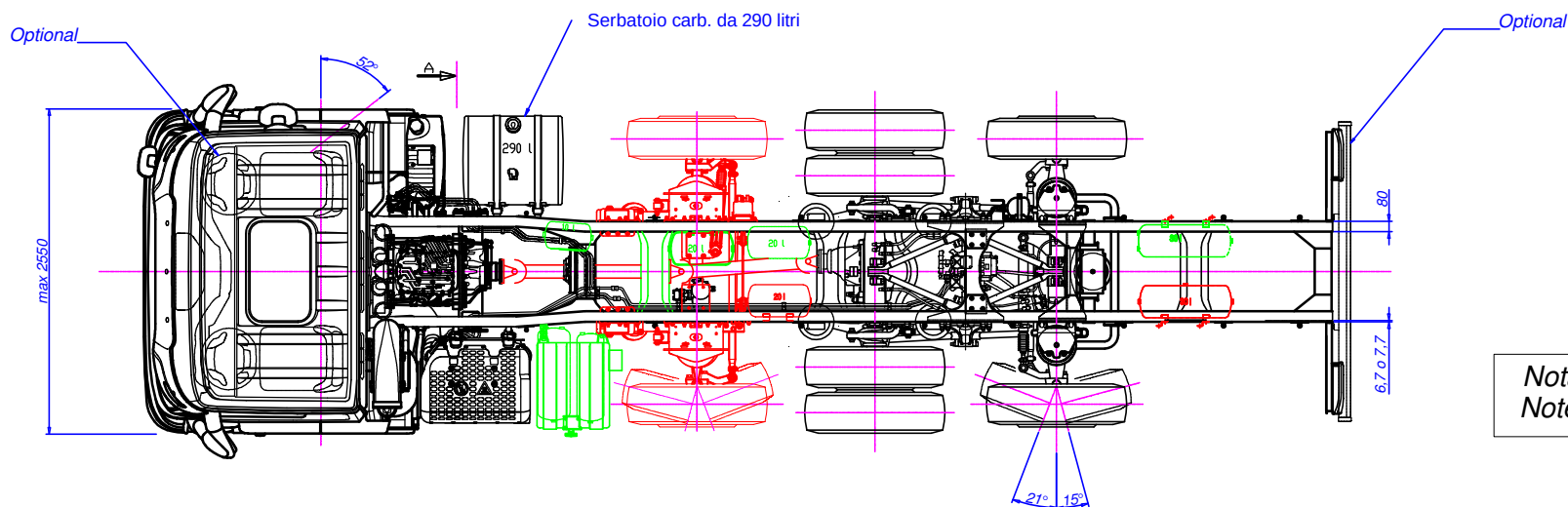
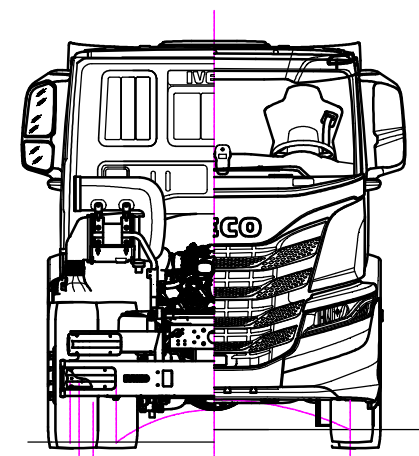
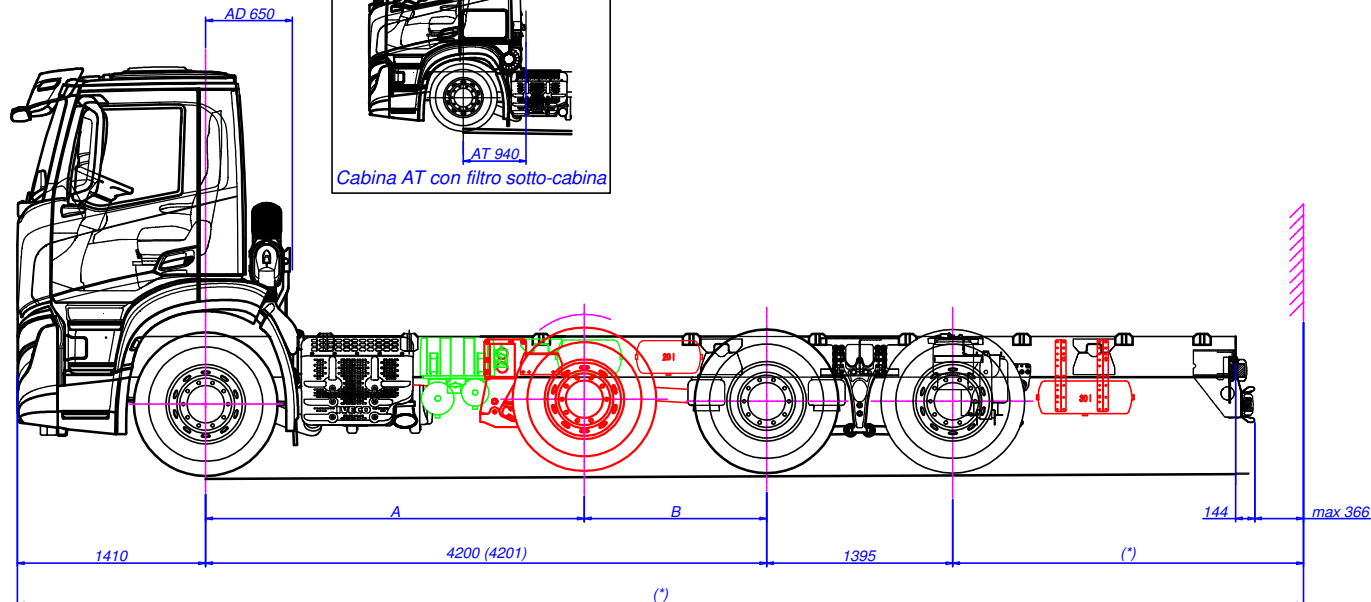
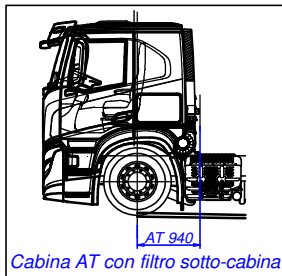
Nota (*): vedere scheda informativa
Note (*): see information document

Tightening tolerance = 100%	ISO 2768 - ---- Tolerancing ISO 8015	Author A. TIBALDO	Date 31/01/2020	Scale 1:20
FIGURINO IVECO X-WAY AD/AT280X Y/PS ON FILTRO STANDARD - CONF. 1+3 - PASSO 4200 MM				
Code 55.01.03.0169	Drawing 55.01.03.0169	Sheet 1/2	Format A1	

E24*13R11/18*0056*04

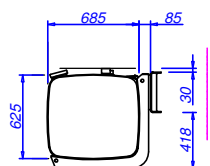
Disegno per omologazione
Drawing for type-approval

Configurazione valida anche per
veicolo con cabina AT e filtro
sotto-cabina (vedi dettaglio)



Nota (*): vedere scheda informativa
Note (*): see information document

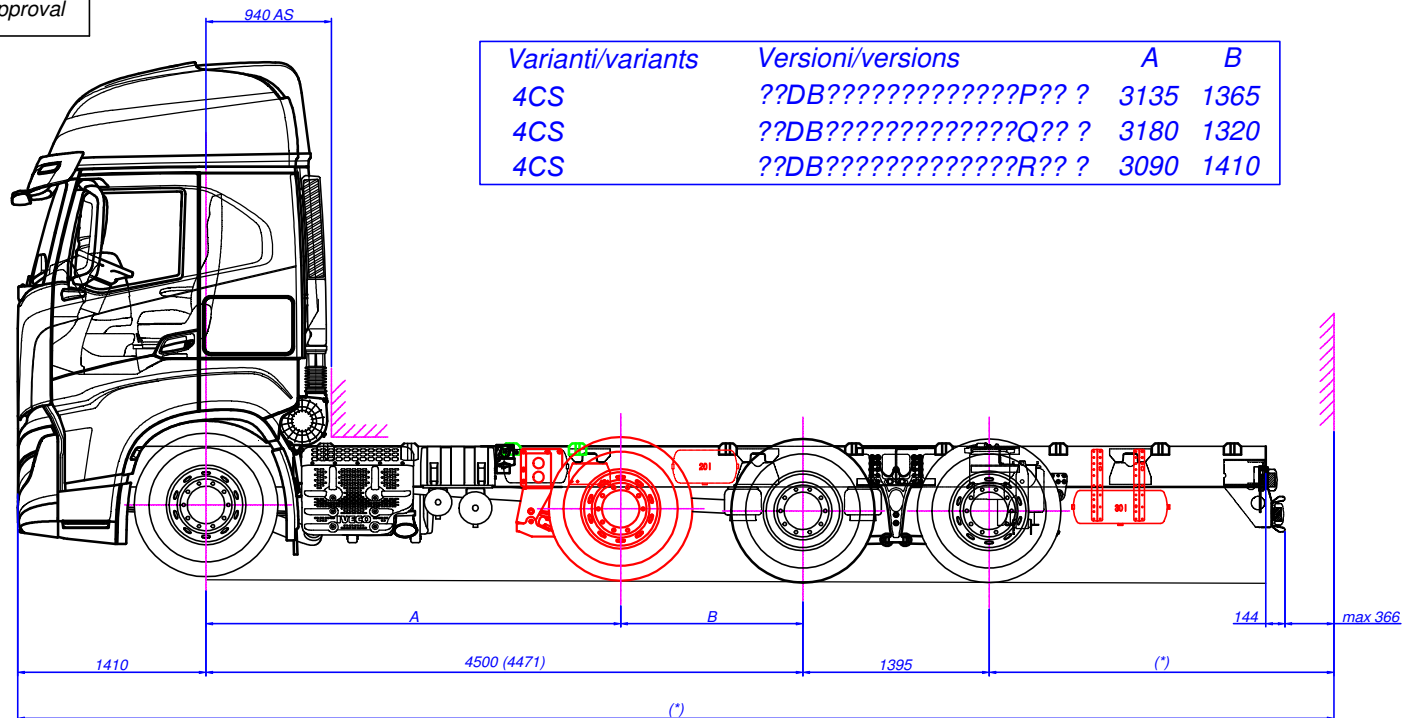
Vista A/ View A



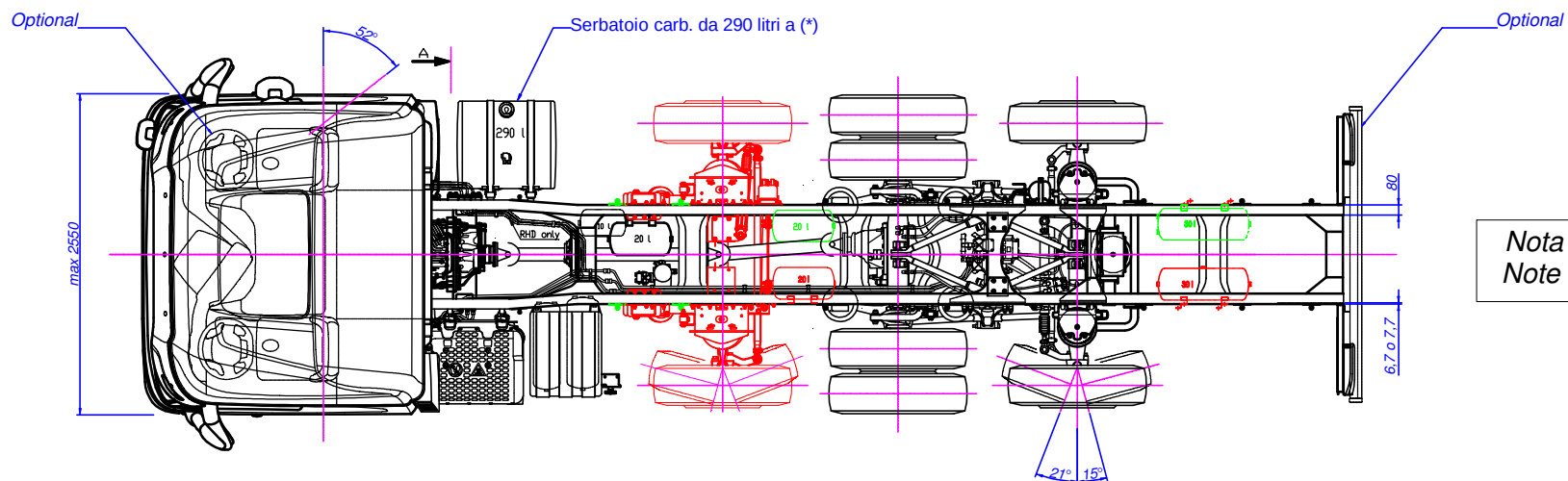
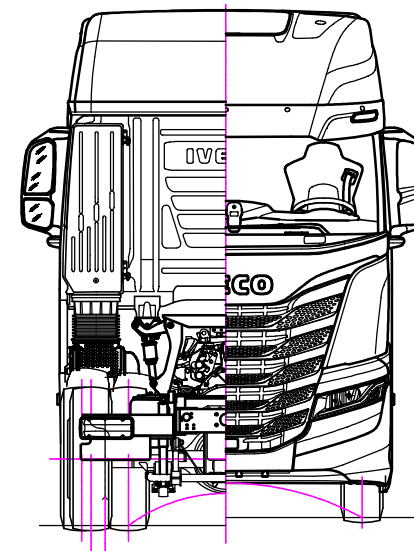
Varianti/variants	Versioni/versions	A	B
???	??CB????????????P?? ?	2835	1365
???	??CB????????????Q?? ?	2880	1320
???	??CB????????????R?? ?	2790	1410

Tightening tolerance = 100%	ISO 2768 - ---- Tolerancing ISO 8015	Author A. TIBALDO	Date 31/01/2020	Scale 1:20
FIGURINO IVECO X-WAY AD/AT280X Y/PS ON - FILTRO COMPATTO O SOTTO-CABINA - CONF. 1+3 - PASSO 4200 MM				
Code 55.01.03.0169	Drawing 55.01.03.0169	Sheet 2/2	Format A1	

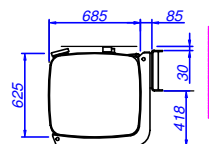
E24*13R11/18*0056*04



Varianti/variants	Versioni/versions	A	B
4CS	??DB????????????P?? ?	3135	1365
4CS	??DB????????????Q?? ?	3180	1320
4CS	??DB????????????R?? ?	3090	1410



Vista A/ View A

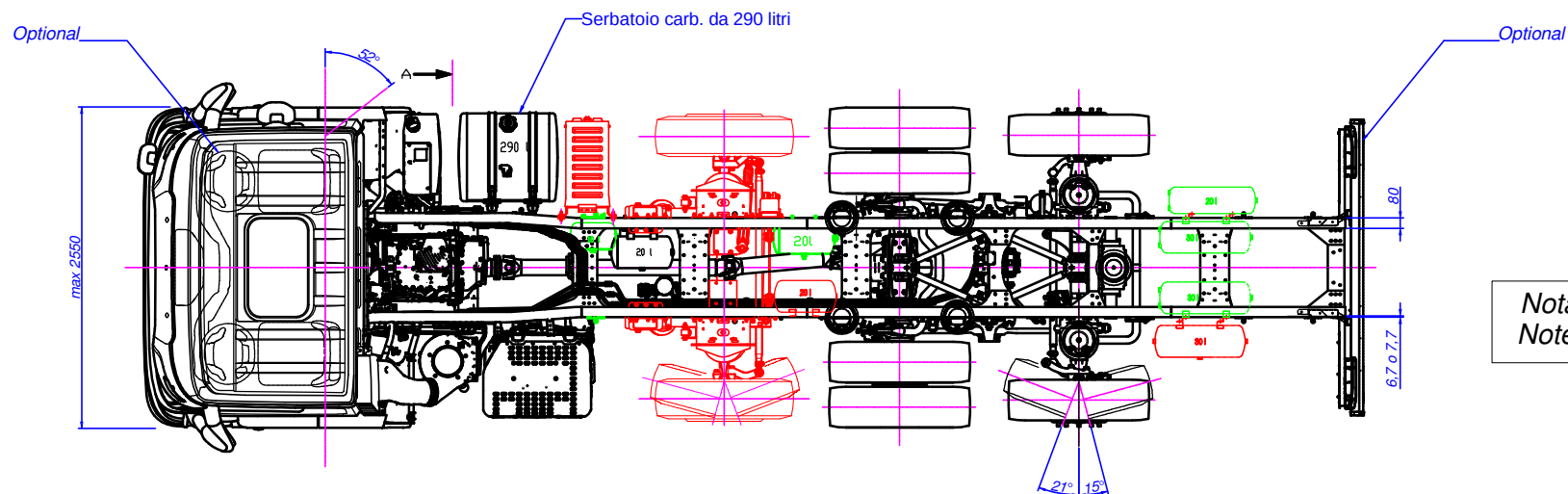
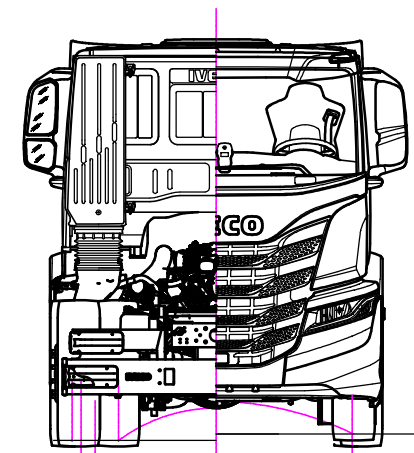
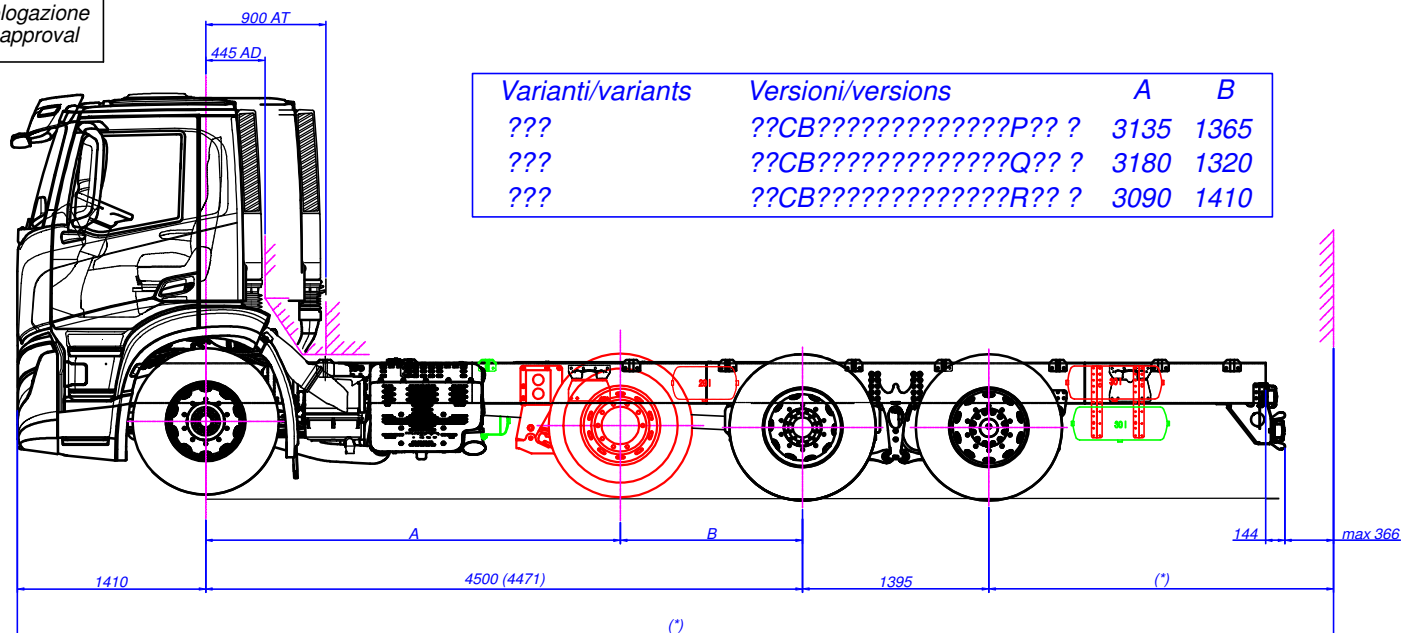


Nota (*): vedere scheda informativa
Note (*): see information document

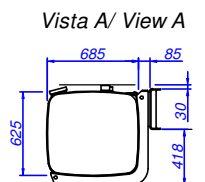
Tightening tolerance = 1004	ISO 2768 - ---- Tolerancing ISO 8015	Author A. TIBALDO	Date 31/01/2020	Scale 1:20
Description FIGURINO IVECO X-WAY AS280X Y/PS ON CONF. 1+3 - PASSO 4500 MM				
Code 55.01.03.0176	Drawing 55.01.03.0176	Sheet -1/1	Format A1	

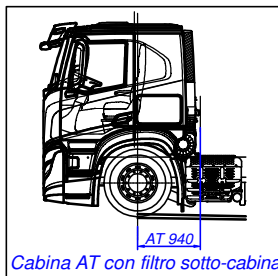
E24*13R11/18*0056*04

Varianti/variants	Versioni/versions	A	B
???	??CB????????????P?? ?	3135	1365
???	??CB????????????Q?? ?	3180	1320
???	??CB????????????R?? ?	3090	1410

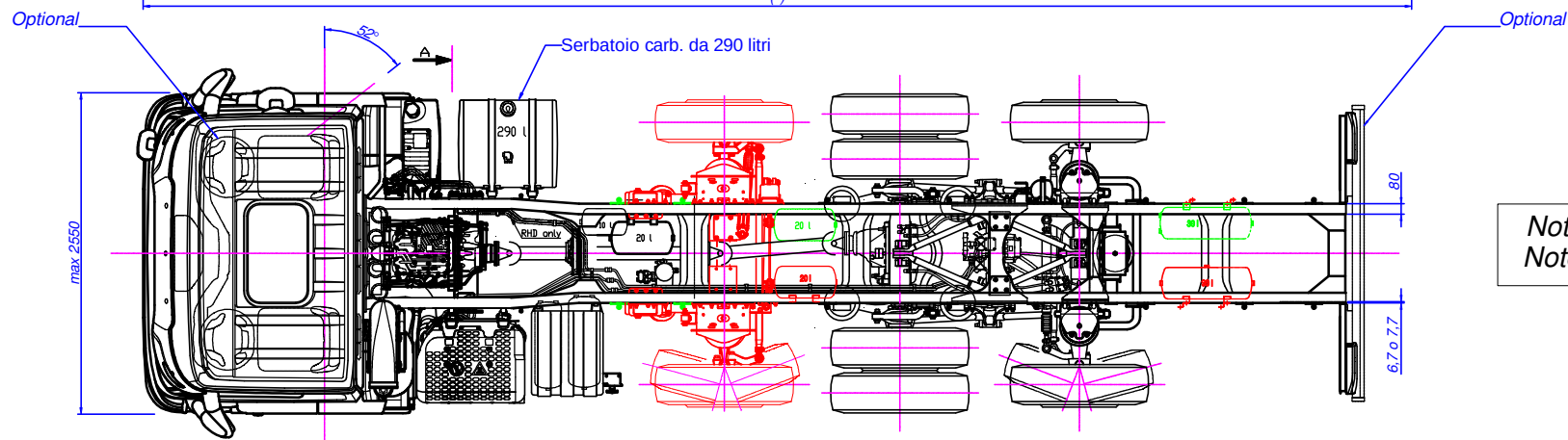
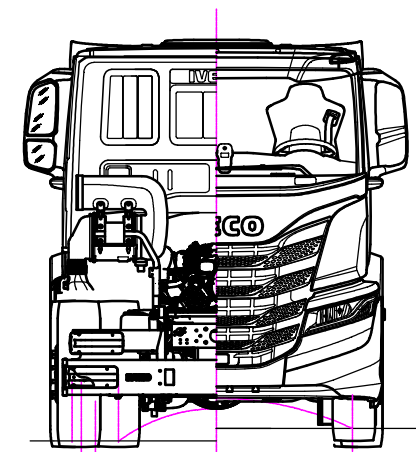
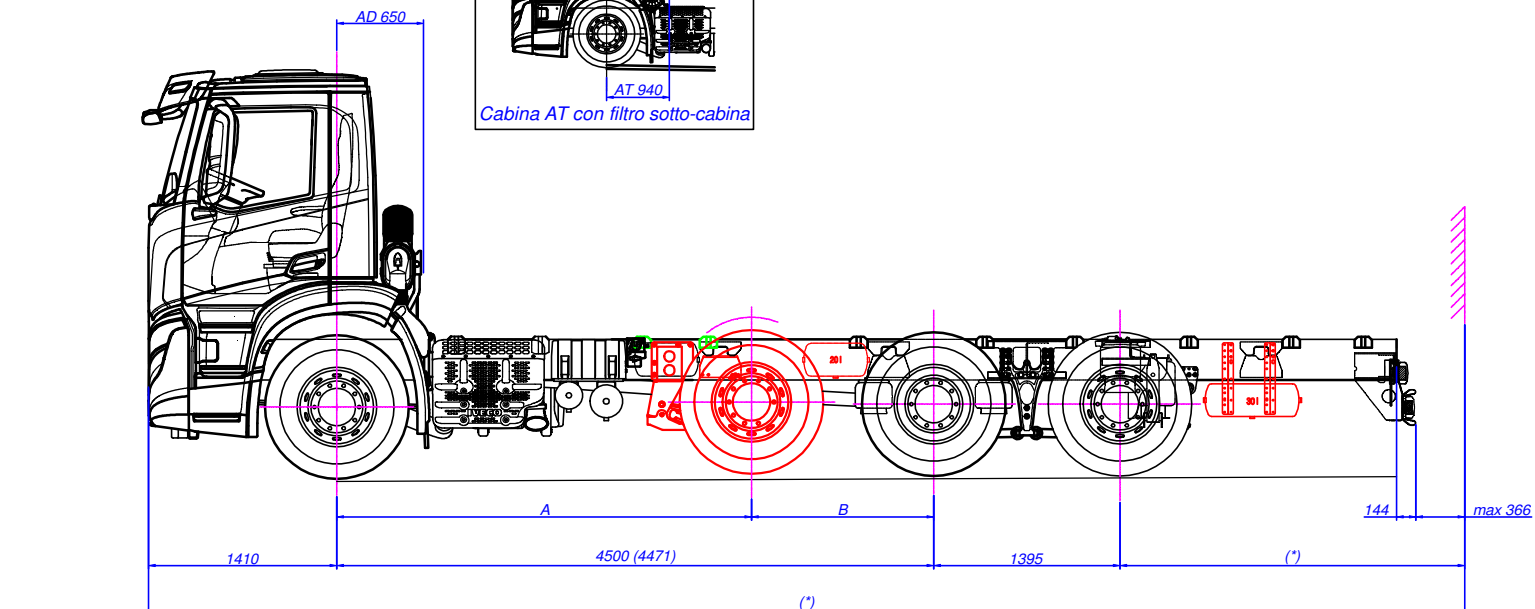


Nota (*): vedere scheda informativa
Note (*): see information document

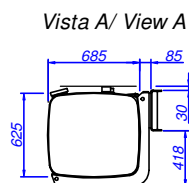




Configurazione valida anche per
veicolo con cabina AT e filtro
sotto-cabina (vedi dettaglio)

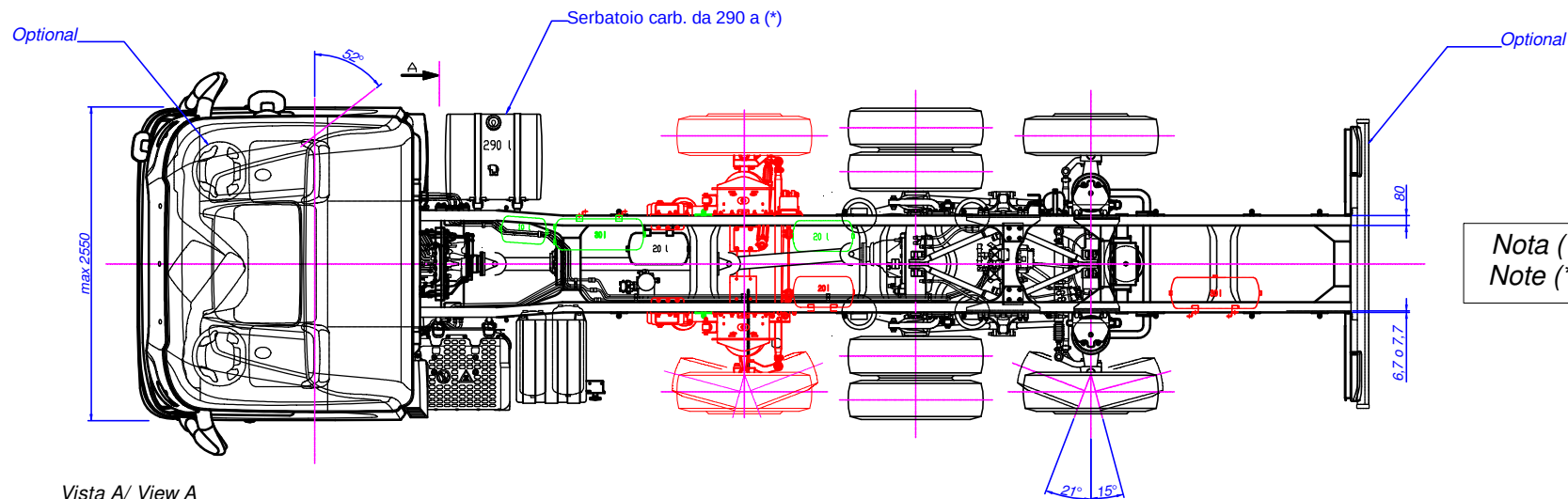
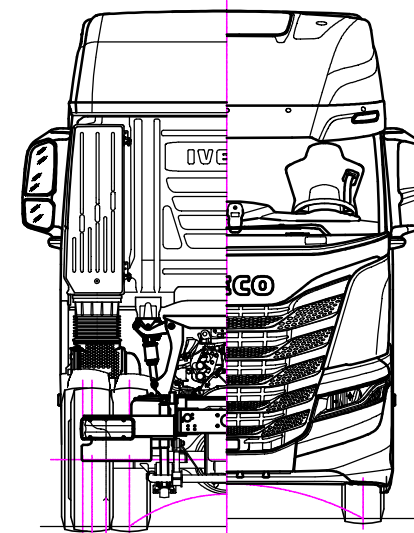
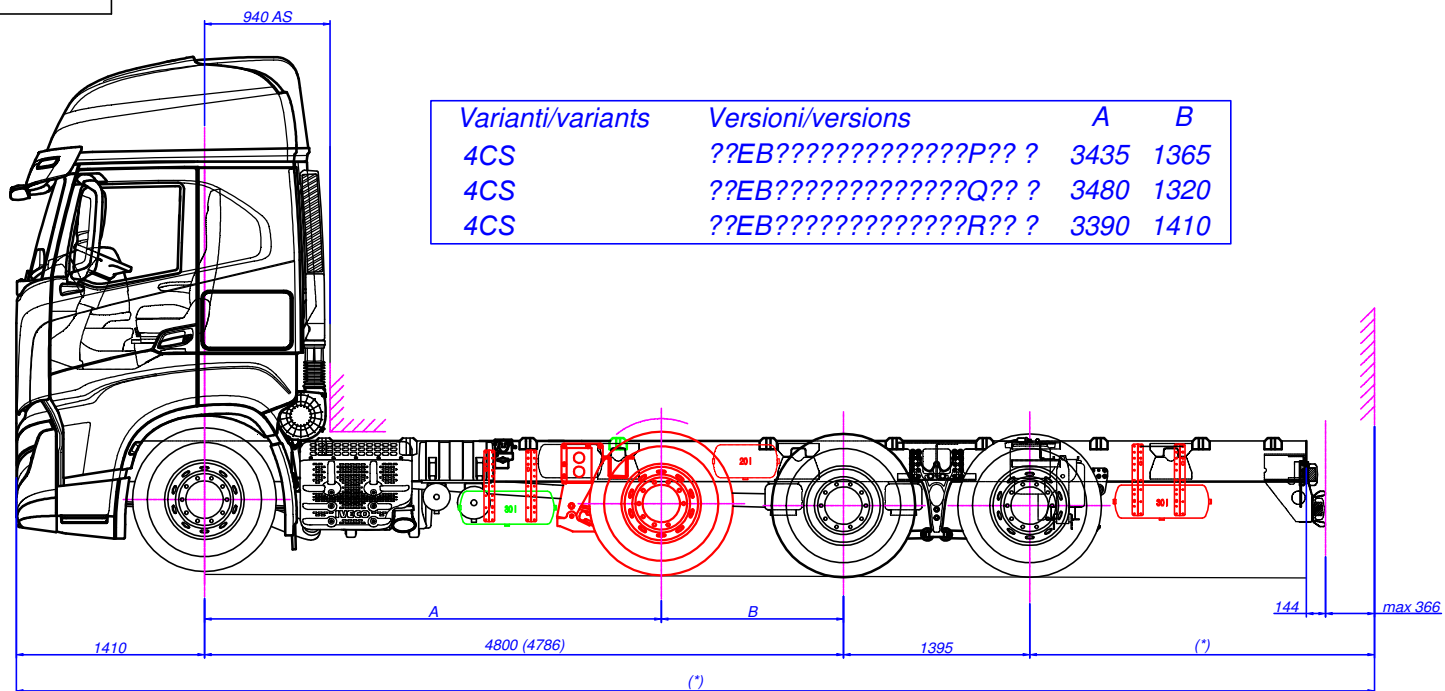


Nota (*): vedere scheda informativa
Note (*): see information document

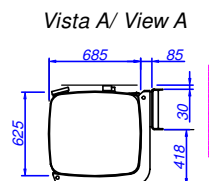


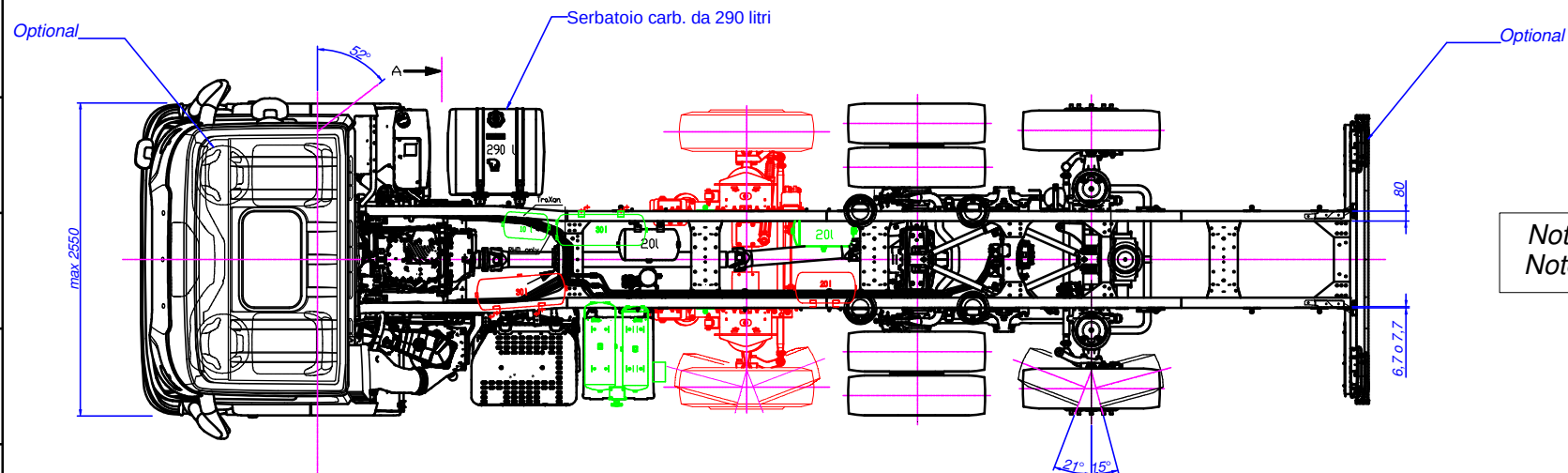
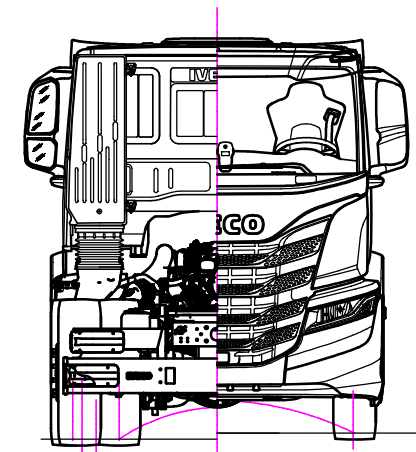
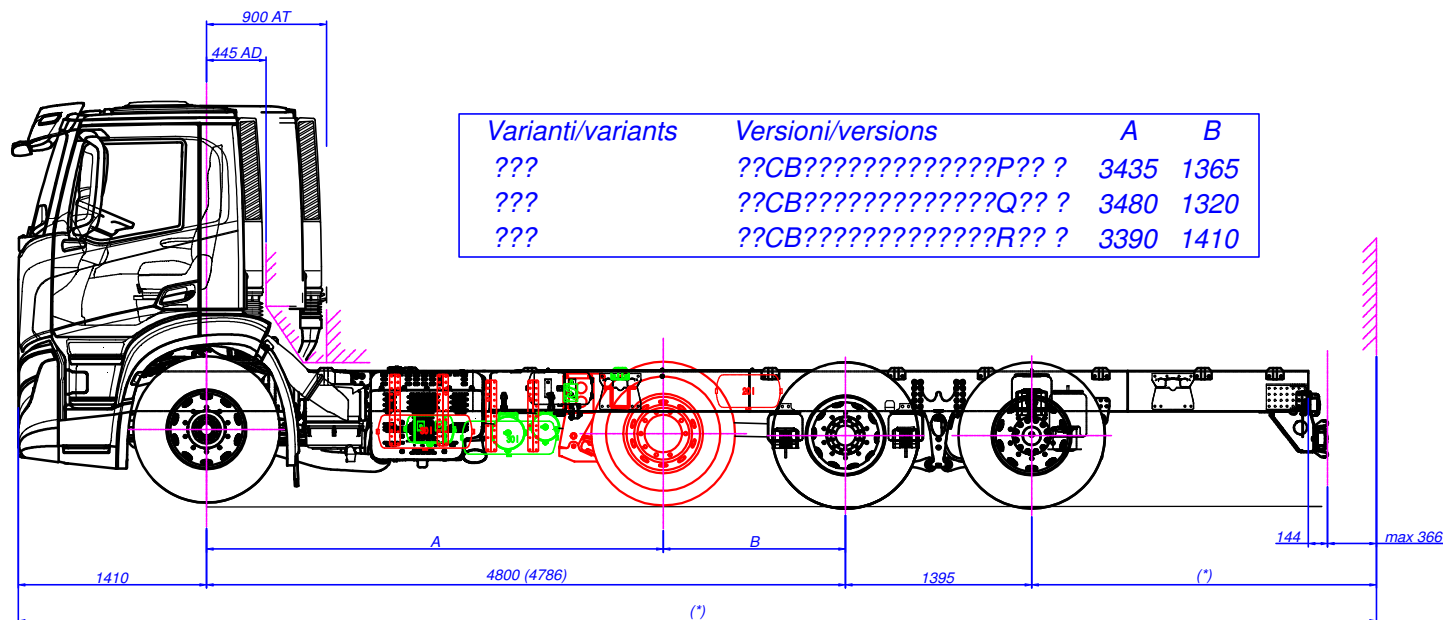
Varianti/variants	Versioni/versions	A	B
???	??CB????????????P?? ?	3135	1365
???	??CB????????????Q?? ?	3180	1320
???	??CB????????????R?? ?	3090	1410

<i>Varianti/variants</i>	<i>Versioni/versions</i>	<i>A</i>	<i>B</i>
4CS	??EB????????????P?? ?	3435	1365
4CS	??EB????????????Q?? ?	3480	1320
4CS	??EB????????????R?? ?	3390	1410



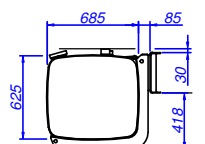
Nota (*): vedere scheda informativa
Note (*): see information document





Nota (*): vedere scheda informativa
Note (*): see information document

Vista A/ View A

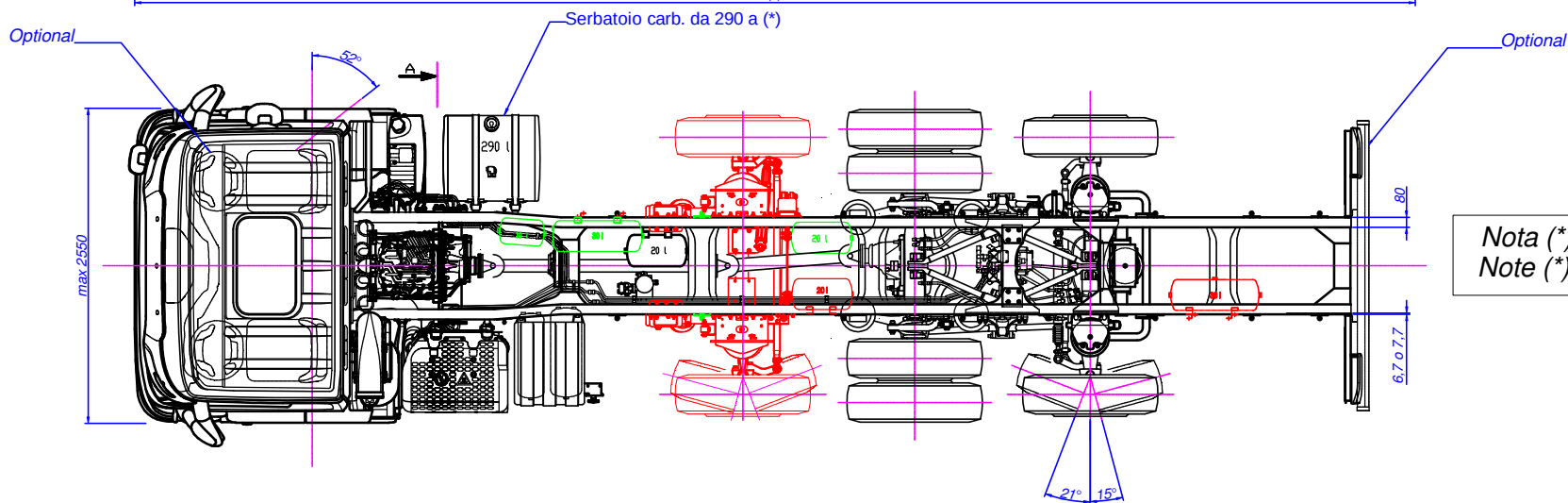
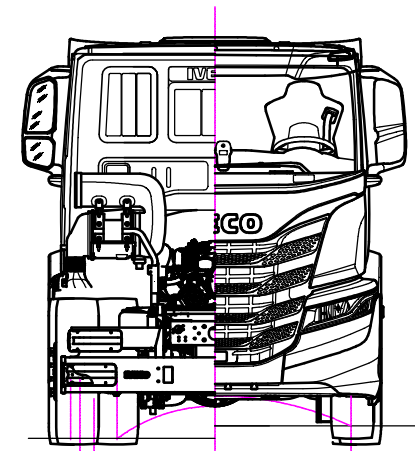
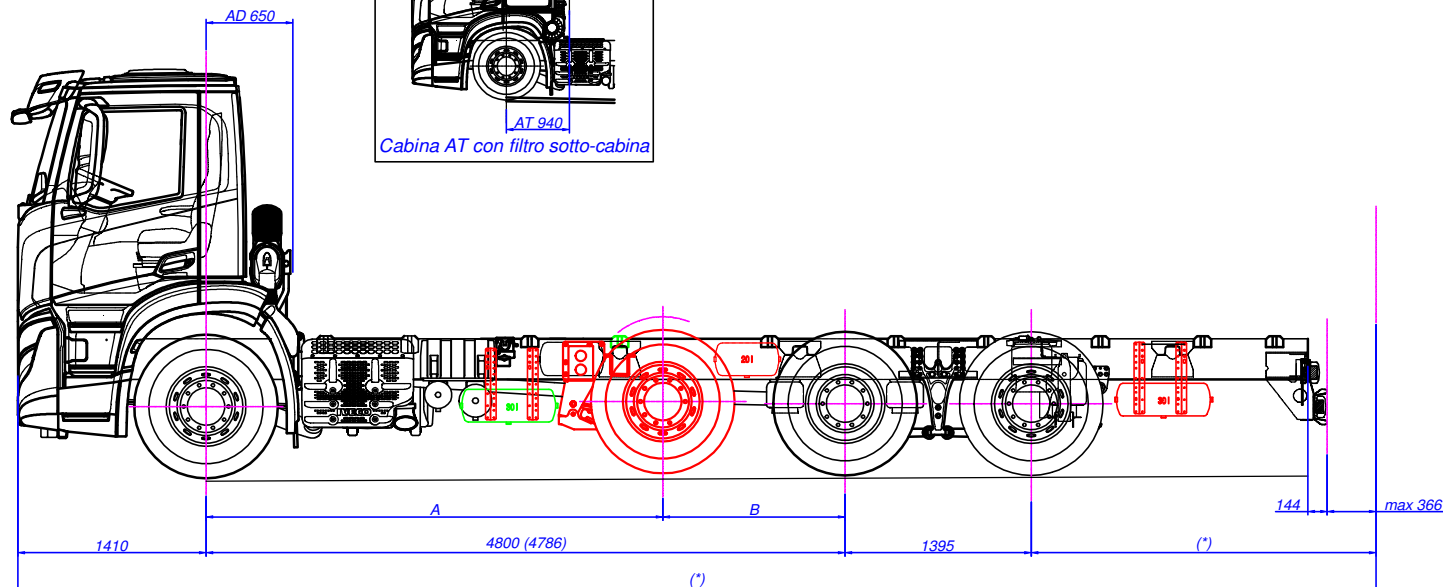
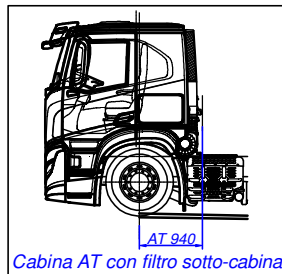


Tightening tolerance = 1004	ISO 2768 - ---- Tolerancing ISO 8015	Author A. TIBALDO	Date 31/01/2020	Scale 1:20
Allegati i diritti riservati di S.I. System Truck S.p.A. che ne autorizza la ristampa e l'uso in quanto a tutti i suoi documenti e in quanto a tutti i dati e informazioni che sono presenti in essi.				
FIGURINO IVECO X-WAY AD/AT280X Y/PS ON FILTRO STANDARD - CONF. 1+3 - PASSO 4800 MM				
Code 55.01.03.0171	Drawing 55.01.03.0171	Sheet 1/2	Format A1	

E24*13R11/18*0056*04

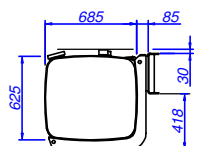
Disegno per omologazione
Drawing for type-approval

Configurazione valida anche per
veicolo con cabina AT e filtro
sotto-cabina (vedi dettaglio)



Nota (*): vedere scheda informativa
Note (*): see information document

Vista A/ View A

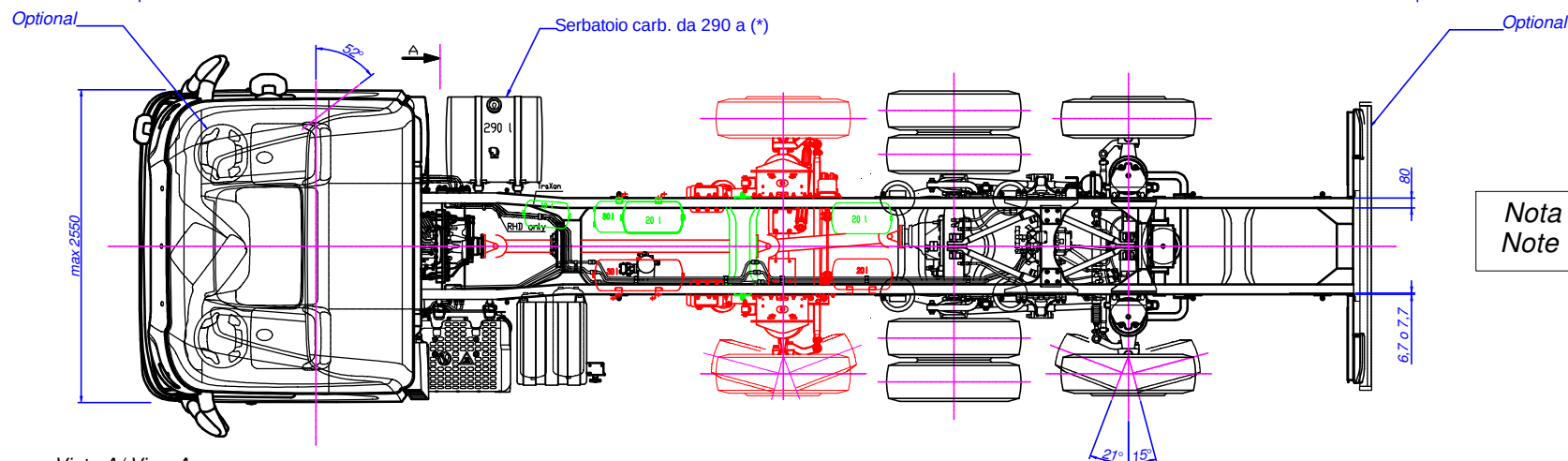
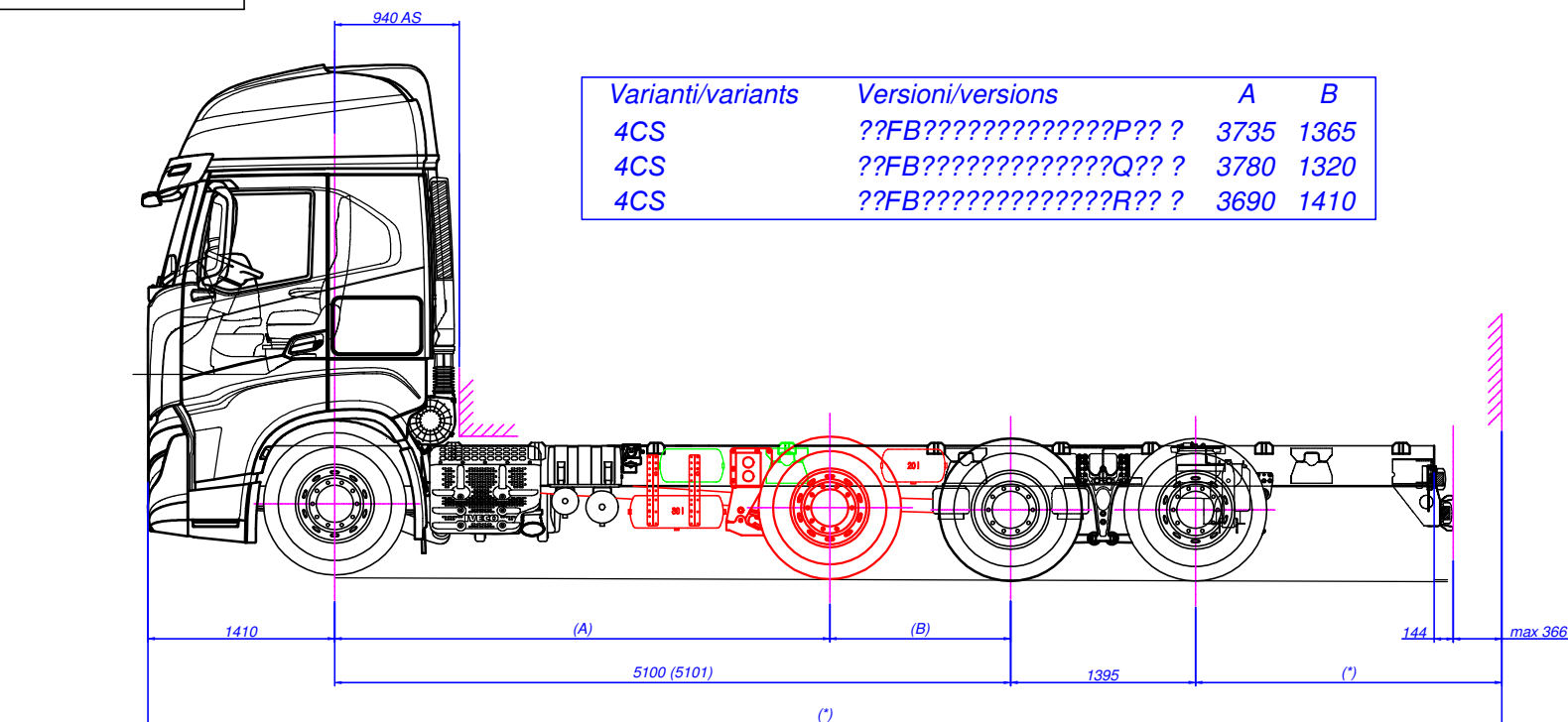
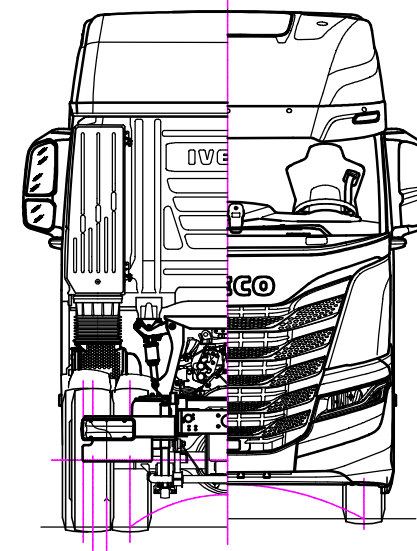


Varianti/variants	Versioni/versions	A	B
???	??CB????????????P?? ?	3435	1365
???	??CB????????????Q?? ?	3480	1320
???	??CB????????????R?? ?	3390	1410

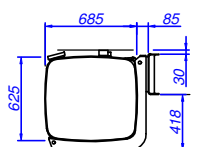
Tightening tolerance -1004	ISO 2768 - ---- Tolerancing ISO 8015	Author A. TIBALDO	Date 31/01/2020	Scale 1:20
FIGURINO IVECO X-WAY AD/AT280X Y/PS ON - FILTRO COMPATTO O SOTTO-CABINA - CONF. 1+3 - PASSO 4800 MM				
Code 55.01.03.0171	Drawing 55.01.03.0171	Sheet 2/2	Format A1	

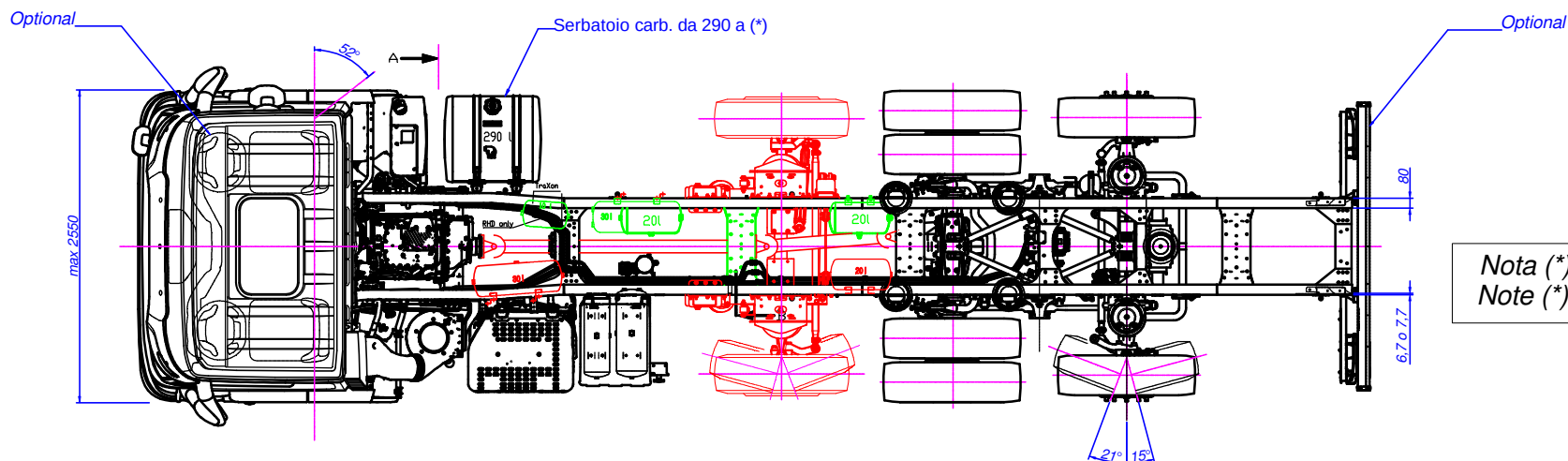
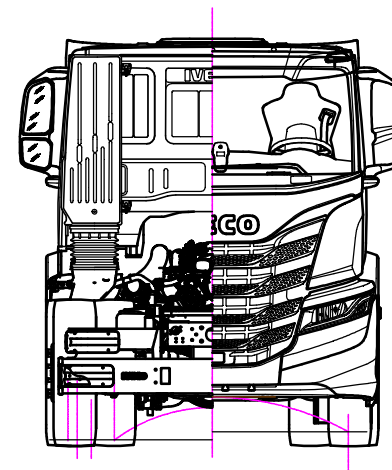
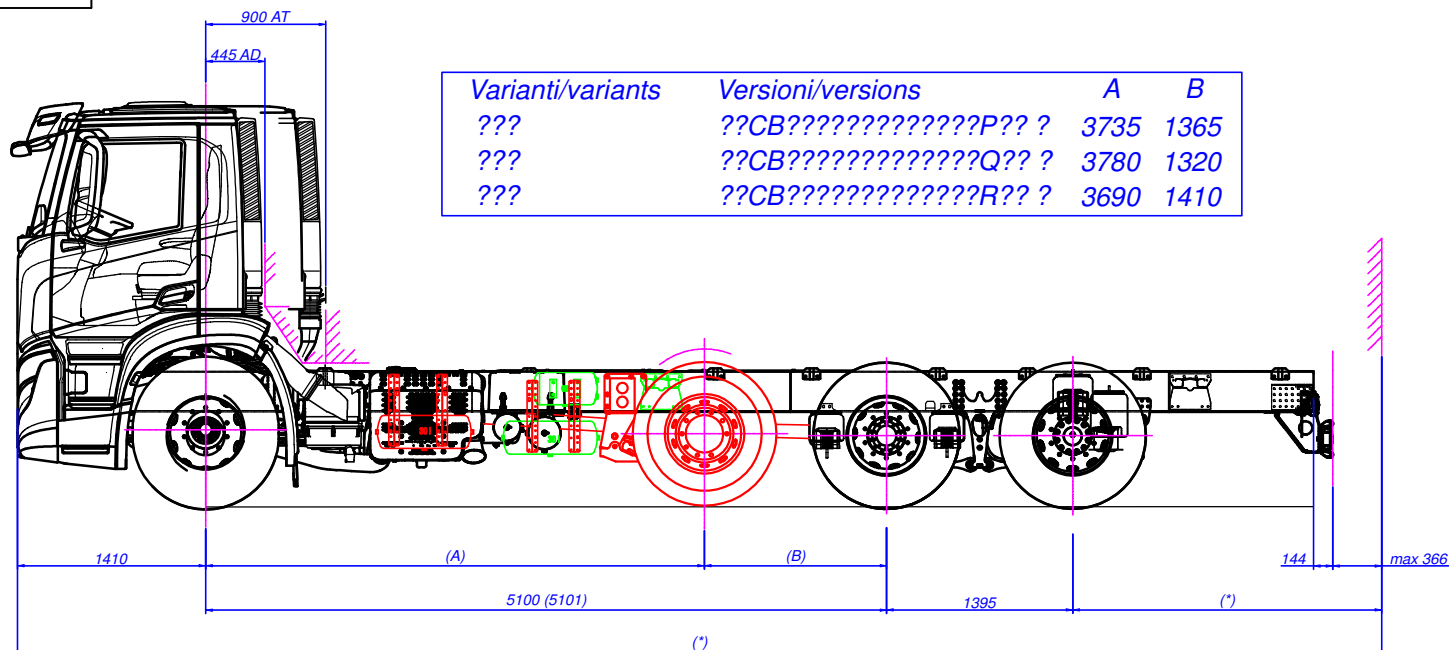
E24*13R11/18*0056*04

Varianti/variants	Versioni/versions	A	B
4CS	??FB????????????P?? ?	3735	1365
4CS	??FB????????????Q?? ?	3780	1320
4CS	??FB????????????R?? ?	3690	1410



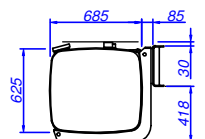
Nota (*): vedere scheda informativa
Note (*): see information document





Nota (*): vedere scheda informativa
Note (*): see information document

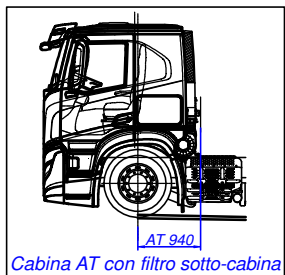
Vista A/ View A



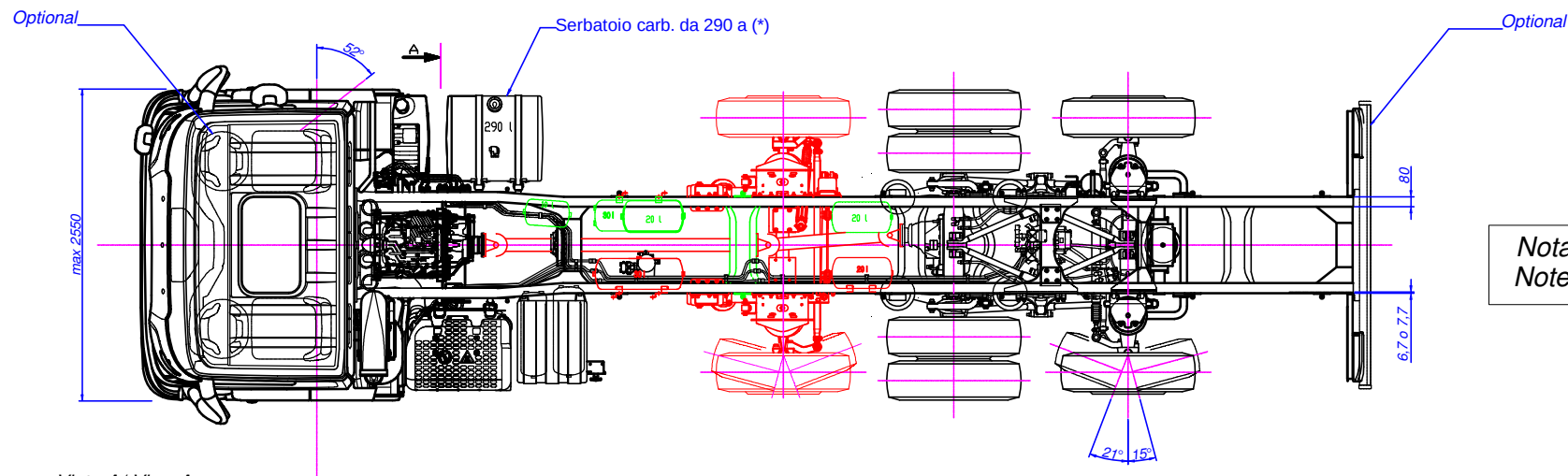
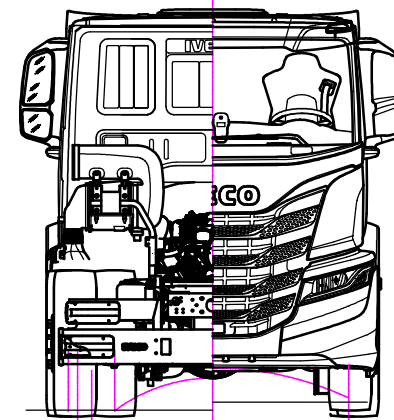
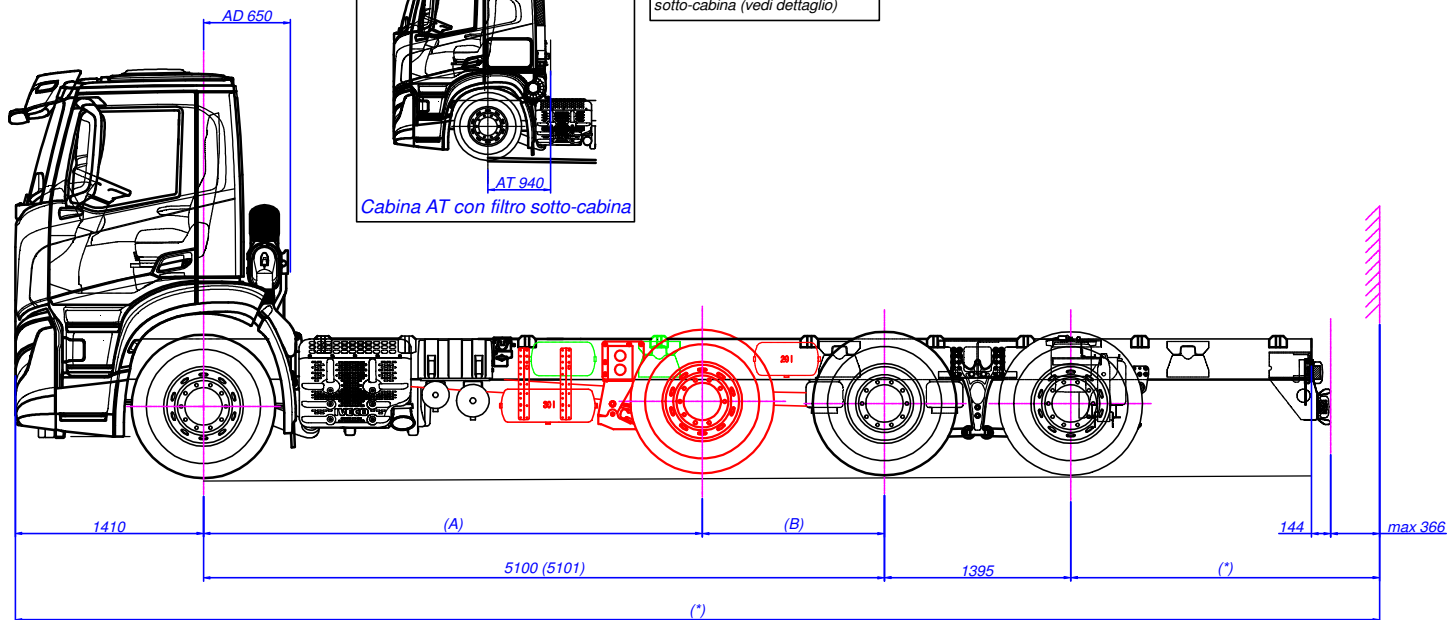
Tightening tolerance = 100%	ISO 2768 - ---- Tolerancing ISO 8015	Author A. TIBALDO	Date 31/01/2020	Scale 1:20
FIGURINO IVECO X-WAY AD/AT280X Y/PS ON FILTRO STANDARD - CONF. 1+3 - PASSO 5100 MM				
Code 55.01.03.0172	Drawing 55.01.03.0172	Sheet 1/2	Format A1	

E24*13R11/18*0056*04

Disegno per omologazione
Drawing for type-approval

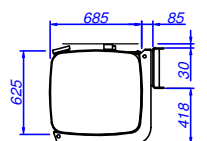


Configurazione valida anche per
veicolo con cabina AT e filtro
sotto-cabina (vedi dettaglio)



Nota (*): vedere scheda informativa
Note (*): see information document

Vista A/ View A

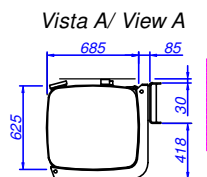
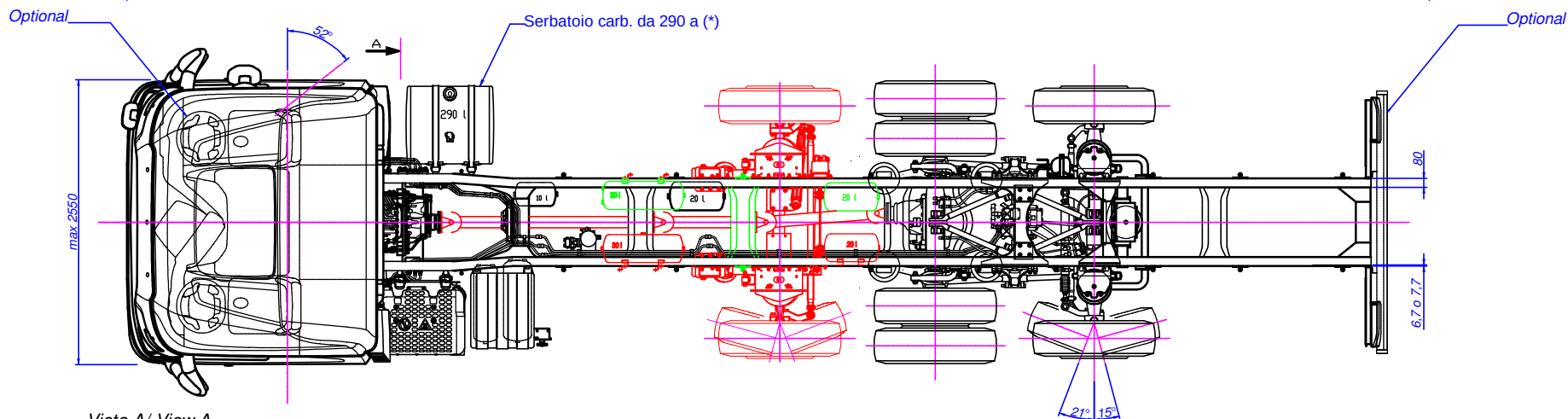
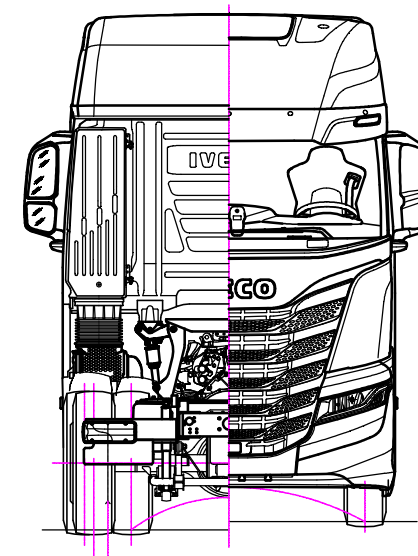
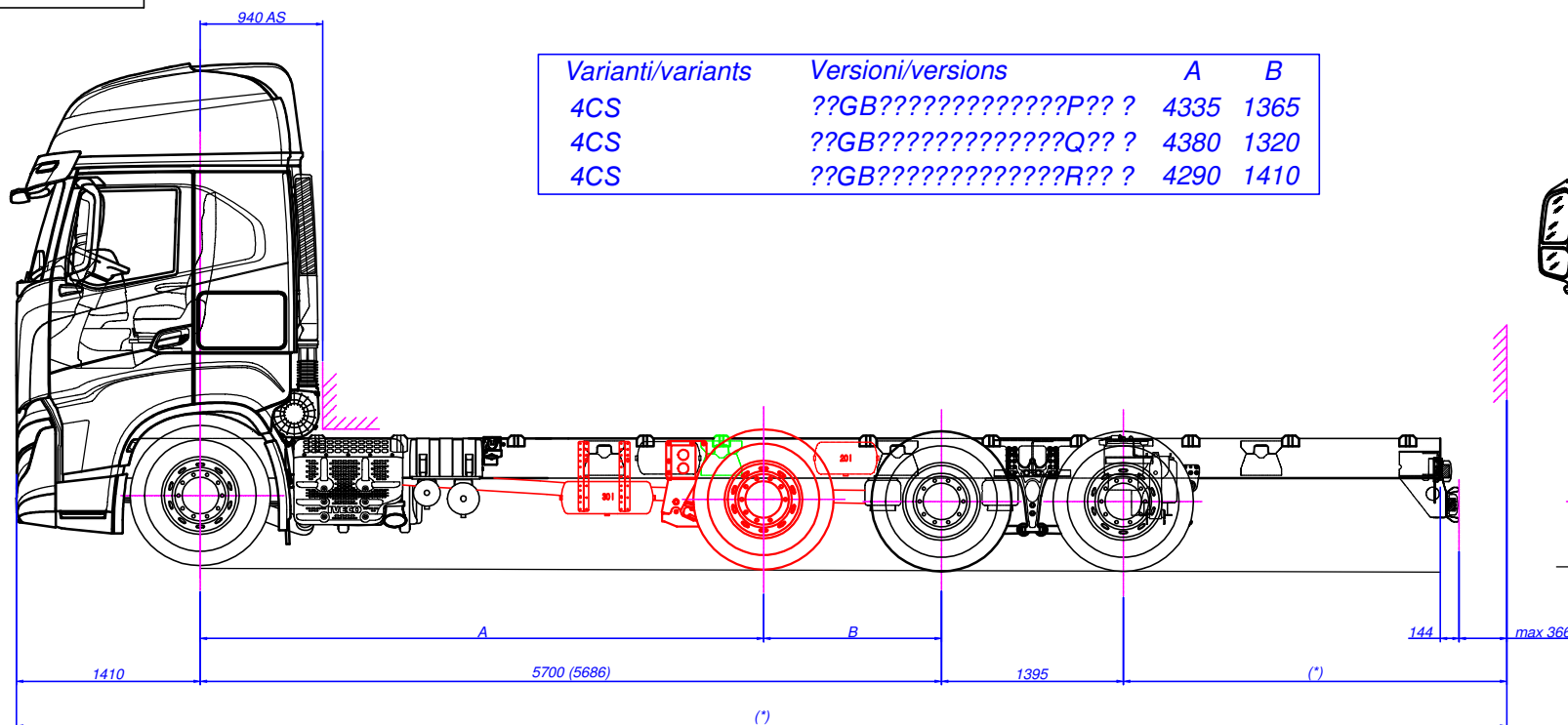


Varianti/variants	Versioni/versions	A	B
???	??CB????????????P?? ?	3735	1365
???	??CB????????????Q?? ?	3780	1320
???	??CB????????????R?? ?	3690	1410

Tightening tolerance = 100%	ISO 2768 - ---- Tolerancing ISO 8015	Author A. TIBALDO	Date 31/01/2020	Scale 1:20
FIGURINO IVECO X-WAY AD/AT280X Y/PS ON - FILTRO COMPATTO O SOTTO-CABINA - CONF. 1+3 - PASSO 5100 MM				
Code 55.01.03.0172	Drawing 55.01.03.0172	Sheet 2/2	Format A1	

E24*13R11/18*0056*04

Varianti/variants	Versioni/versions	A	B
4CS	??GB????????????P?? ?	4335	1365
4CS	??GB????????????Q?? ?	4380	1320
4CS	??GB????????????R?? ?	4290	1410



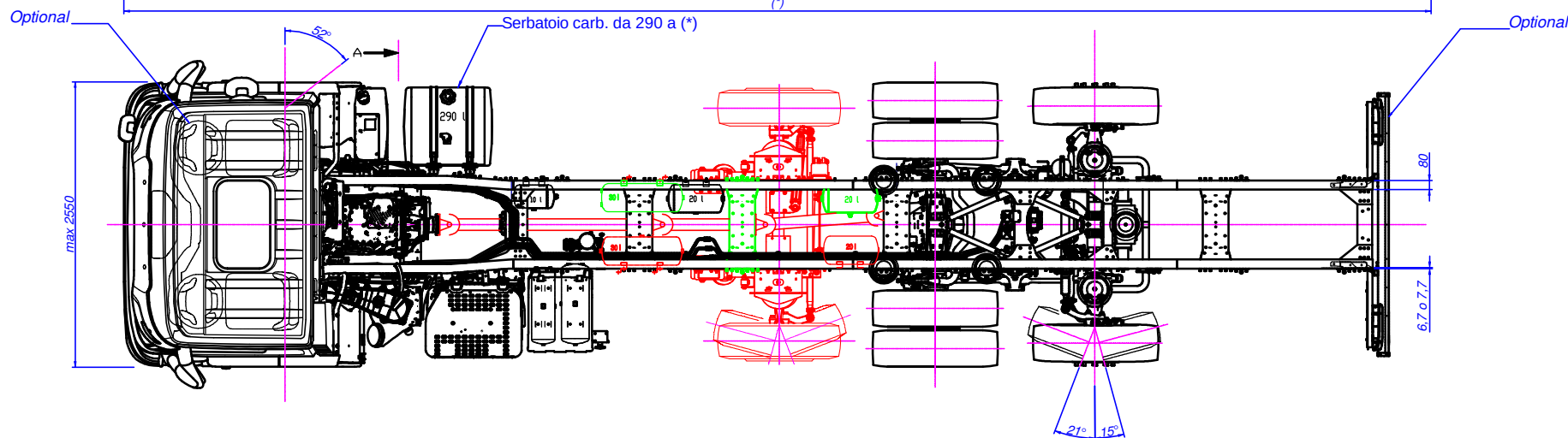
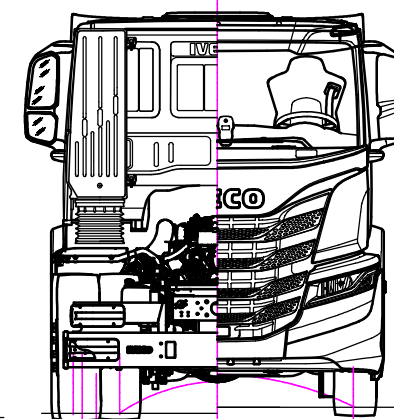
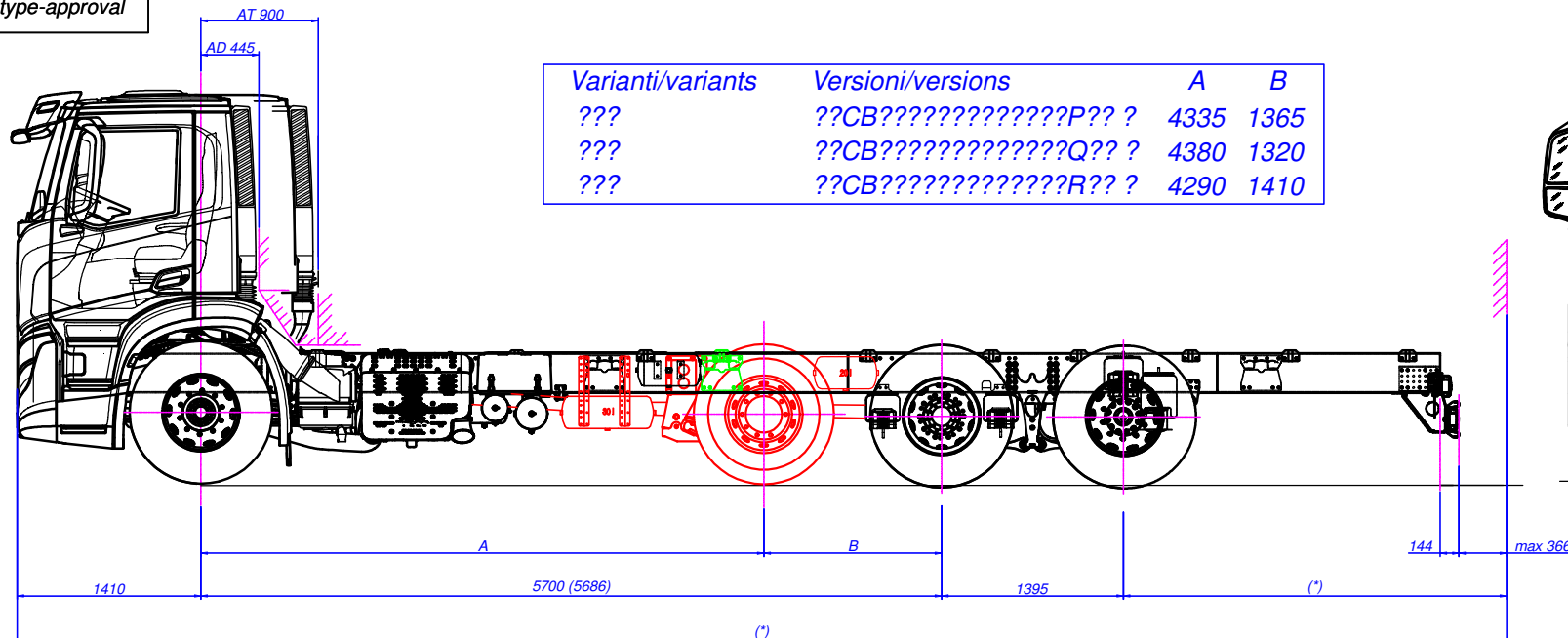
Nota (): vedere scheda informativa*
Note (): see information document*

Tightening tolerance -I004	ISO 2768 - ---- Tolerancing ISO 80/5	Author A.TIBALDO	Date 31/01/2020		Scale 1:20
					
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FIGURINO IVECO X-WAY AS280X Y/PS ON CONF. 1+3 - PASSO 5700 mm					
Job	Drawn	Sheet	First	Verbal	
55.01.03.0179	55.01.03.0179	1/1	1		

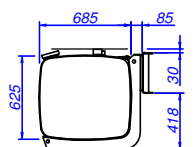
E24*13R11/18*0056*04

Disegno per omologazione
Drawing for type-approval

Varianti/variants	Versioni/versions	A	B
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???	??CB????????????Q?? ?	4380	1320
???	??CB????????????R?? ?	4290	1410



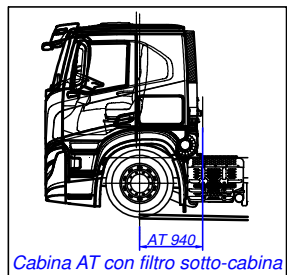
Vista A/ View A



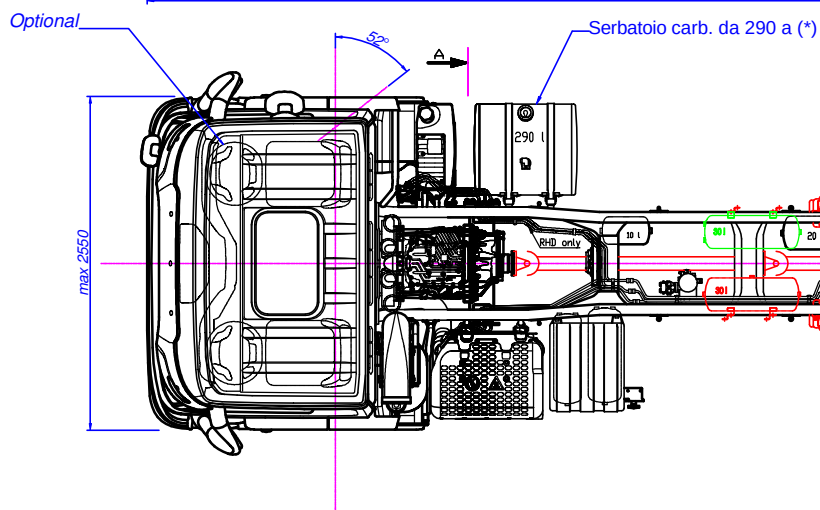
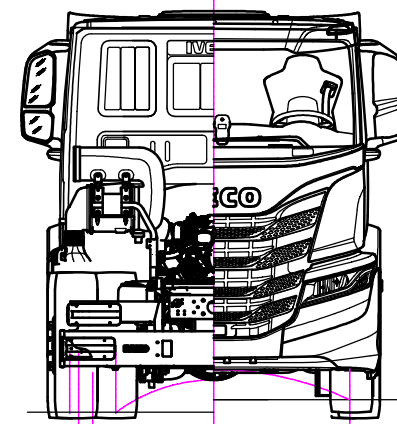
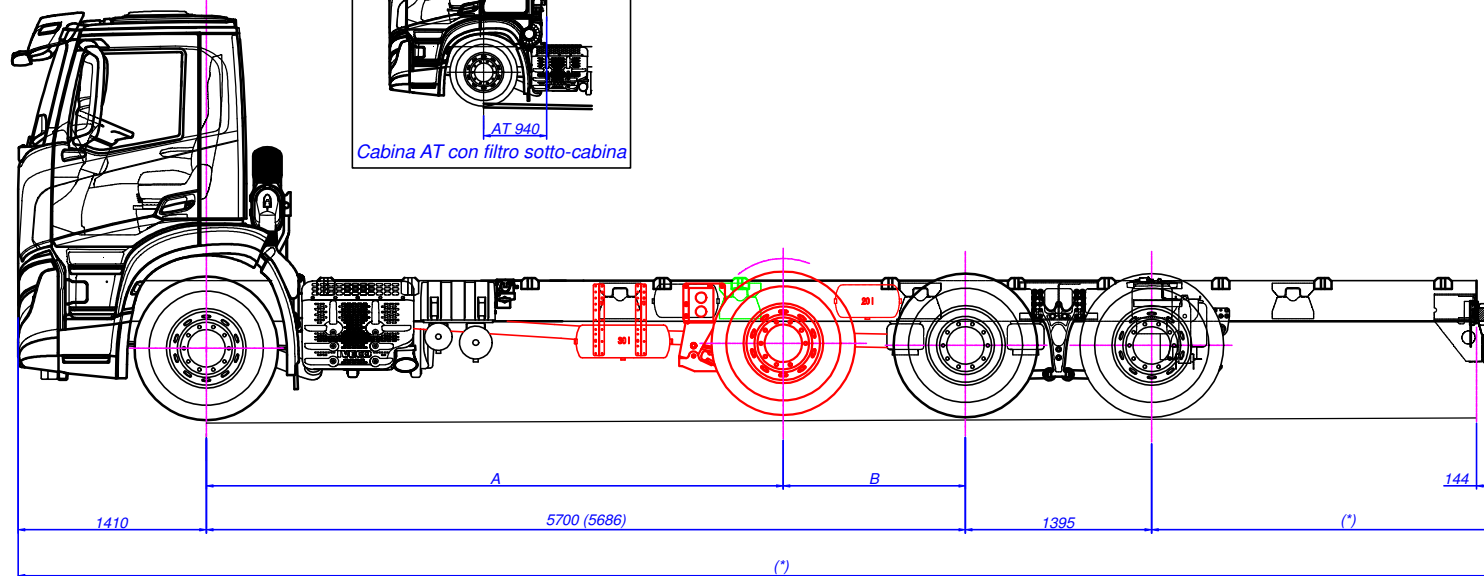
Nota (*): vedere scheda informativa
Note (*): see information document

E24*13R11/18*0056*04

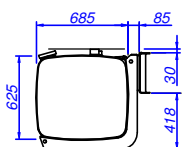
Disegno per omologazione
Drawing for type-approval



Configurazione valida anche per
veicolo con cabina AT e filtro
sotto-cabina (vedi dettaglio)



Vista A/ View A



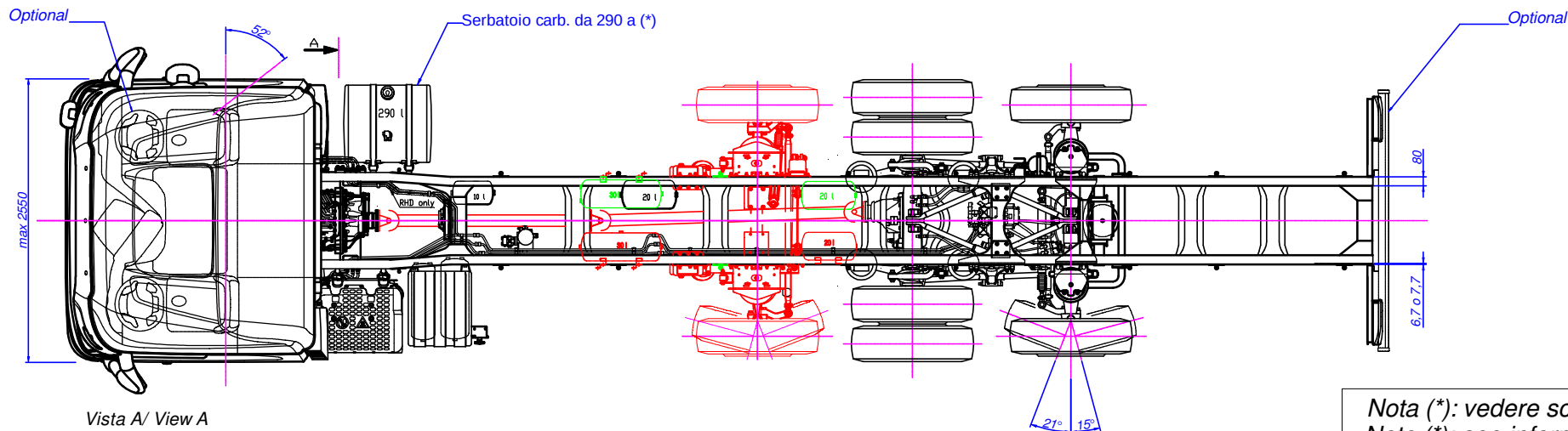
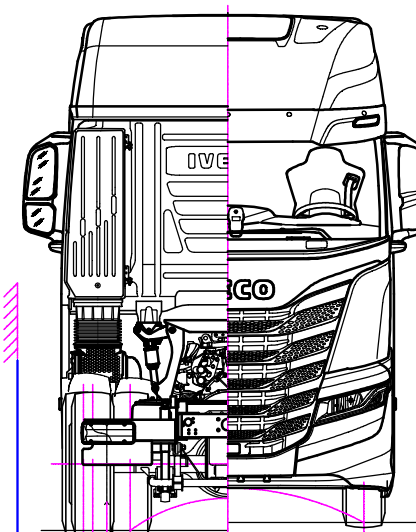
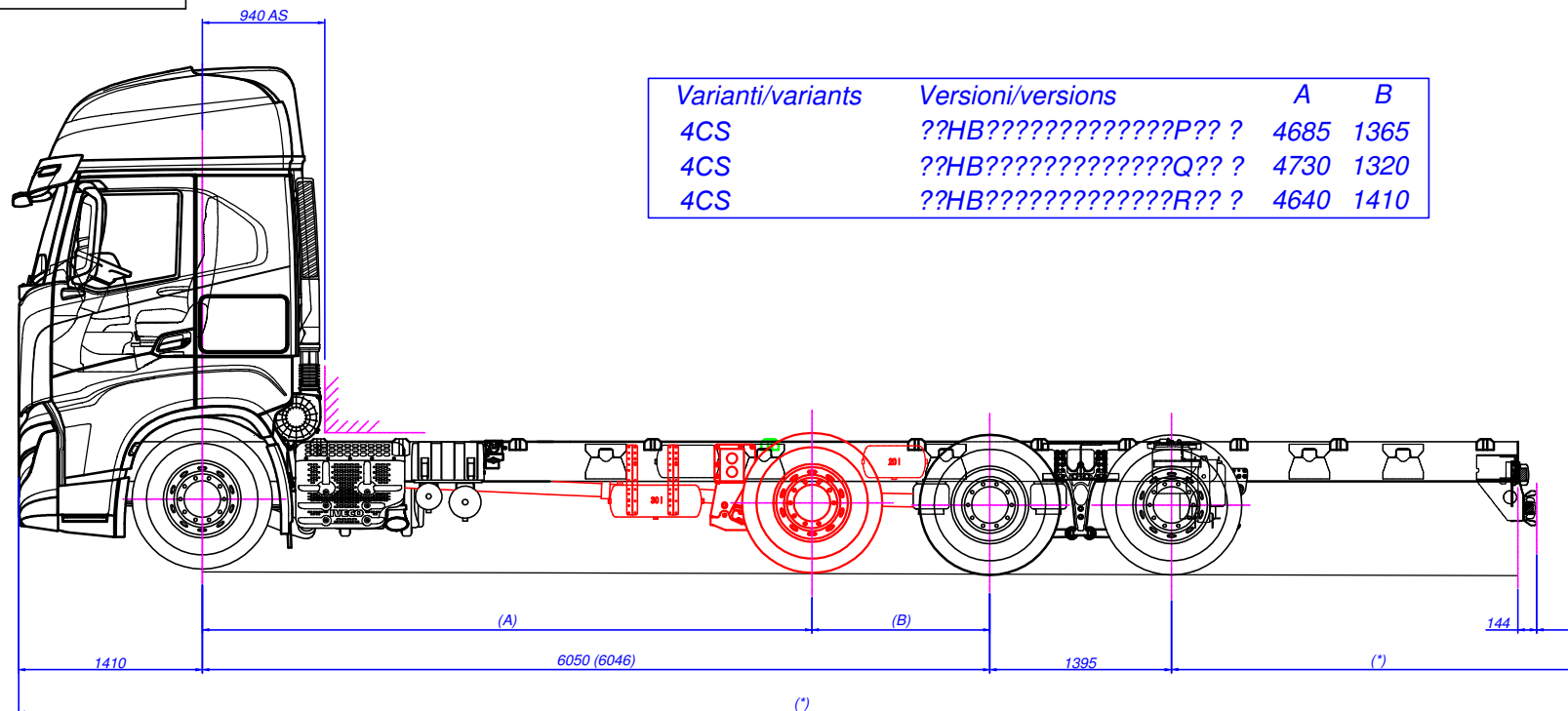
Varianti/variants	Versioni/versions	A	B
???	??CB????????????P?? ?	4335	1365
???	??CB????????????Q?? ?	4380	1320
???	??CB????????????R?? ?	4290	1410

Nota (*): vedere scheda informativa
Note (*): see information document

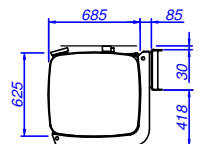
Tightening tolerance ISO 1004	ISO 2768 - ---- Tolerancing ISO 8015	Author A.TIBALDO	Date 31/01/2020	Scale 1:20
FIGURINO IVECO X-WAY AD/AT280X Y/PS ON - FILTRO COMPATTO SOTTO-CABINA - CONF. 1-3 - PASSO 5700 MM 55.01.03.0173 55.01.03.0173 2/2 A1				

E24*13R11/18*0056*04

Varianti/variants	Versioni/versions	A	B
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4CS	??HB????????????Q?? ?	4730	1320
4CS	??HB????????????R?? ?	4640	1410



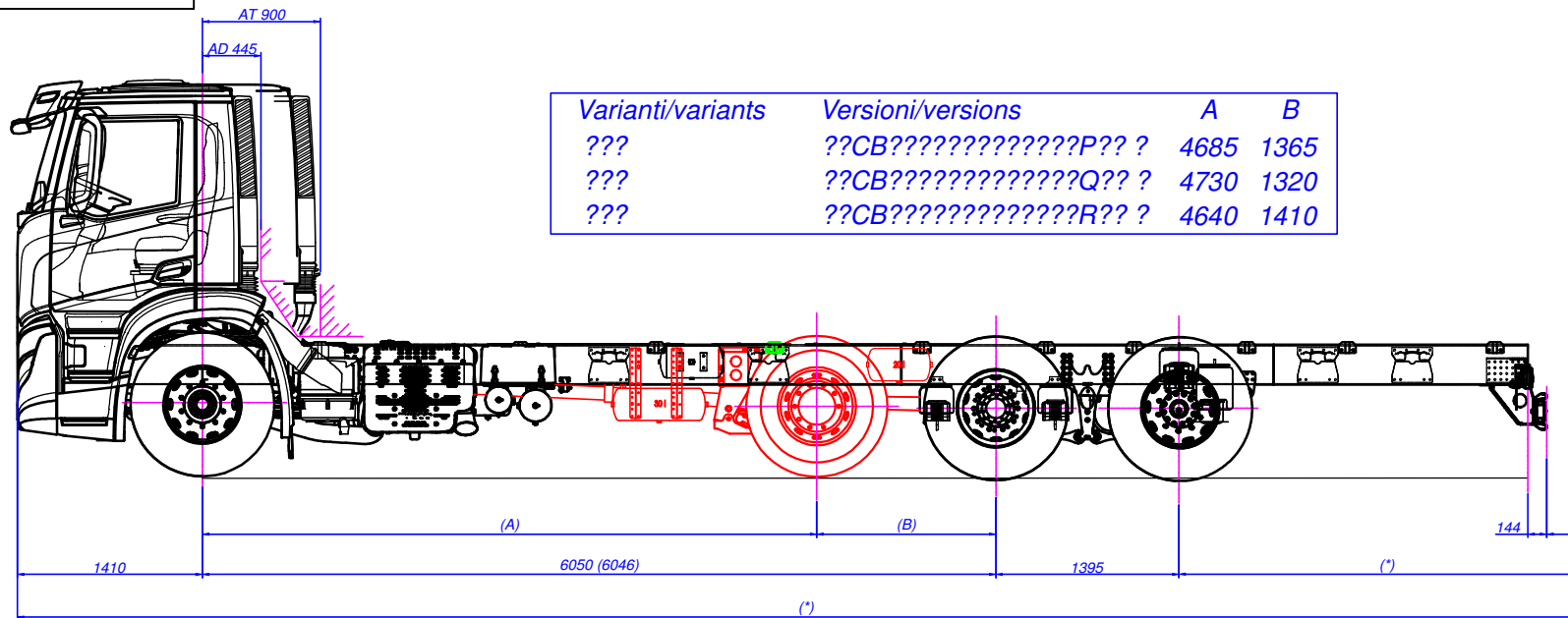
Vista A/ View A



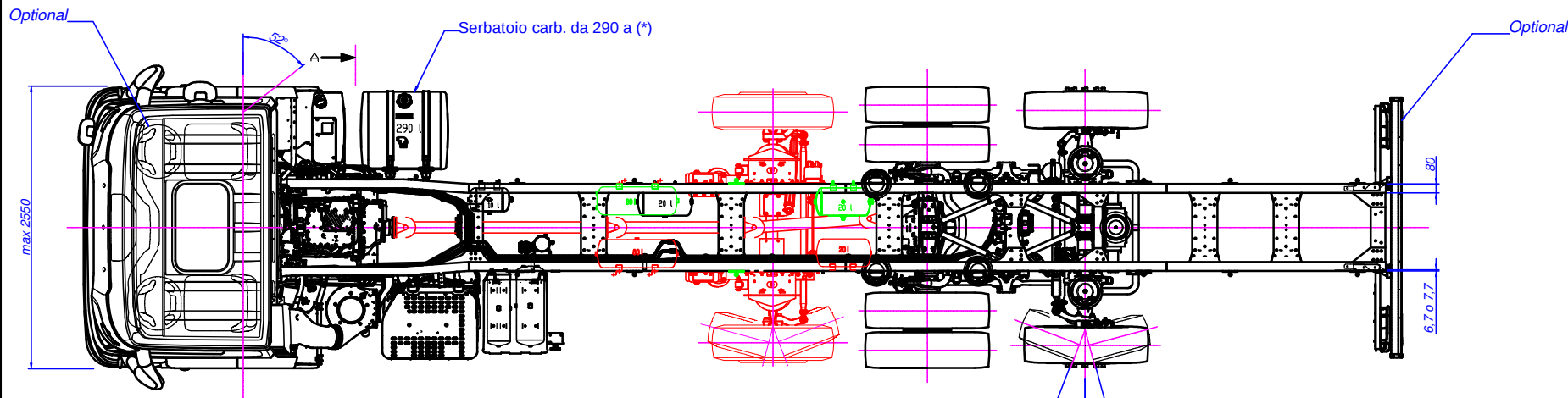
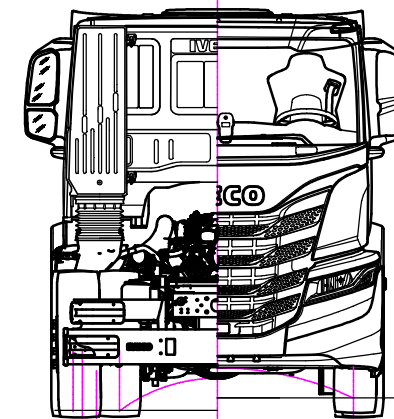
Nota (*): vedere scheda informativa
Note (*): see information document

Tightening tolerance = 100%	ISO 2768 - ---- Tolerancing ISO 8015	Author A. TIBALDO	Date 31/01/2020	Scale 1:20
FIGURINO IVECO X-WAY AS280X Y/PS ON CONF. 1+3 - PASSO 6050 MM				
Code 55.01.03.0180	Drawing 55.01.03.0180	Sheet -1/1	Format A1	

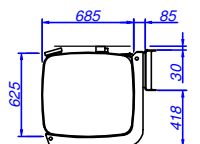
E24*13R11/18*0056*04



Varianti/variants	Versioni/versions	A	B
???	??CB????????????P?? ?	4685	1365
???	??CB????????????Q?? ?	4730	1320
???	??CB????????????R?? ?	4640	1410



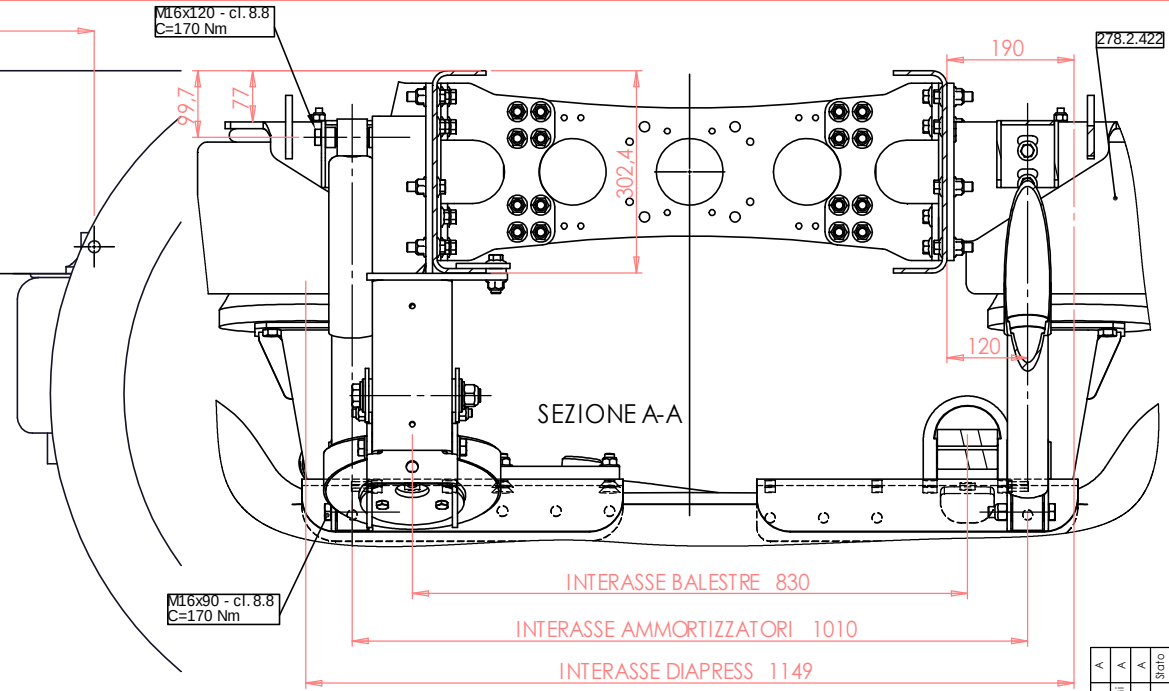
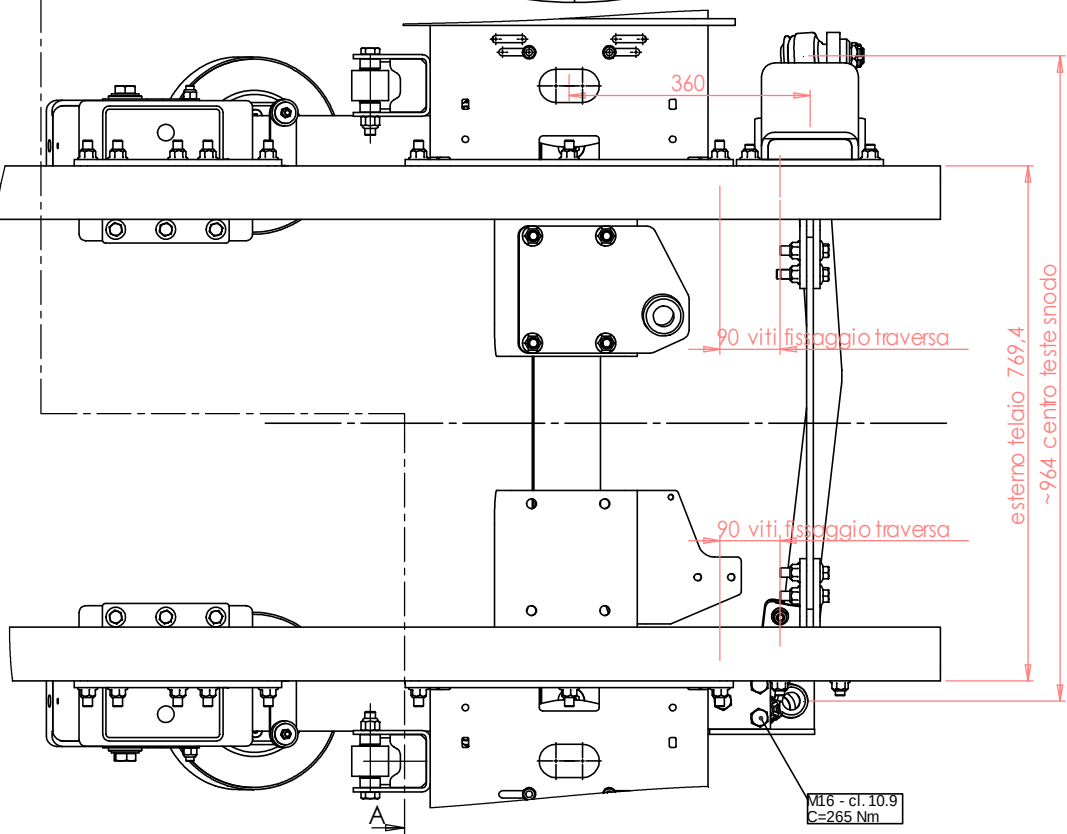
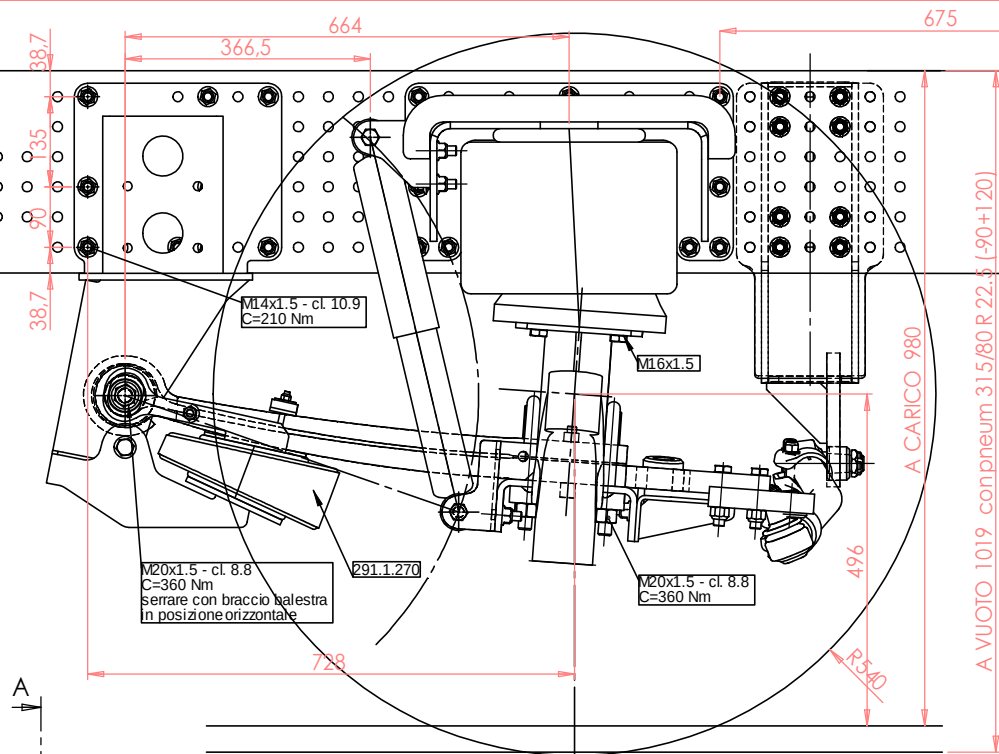
Vista A/ View A



Nota (*): vedere scheda informativa
Note (*): see information document

Tightening tolerance = 1004	ISO 2768 - ---- Tolerancing ISO 8015	Author A. TIBALDO	Date 31/01/2020	Scale 1:20
FIGURINO IVECO X-WAY AD/AT280X Y/PS ON FILTRO STANDARD - CONF. 1+3 - PASSO 6050 MM Code 55.01.03.0174 Drawing 55.01.03.0174 Sheet 1/2 Format A1				

E24*13R11/18*0056*04

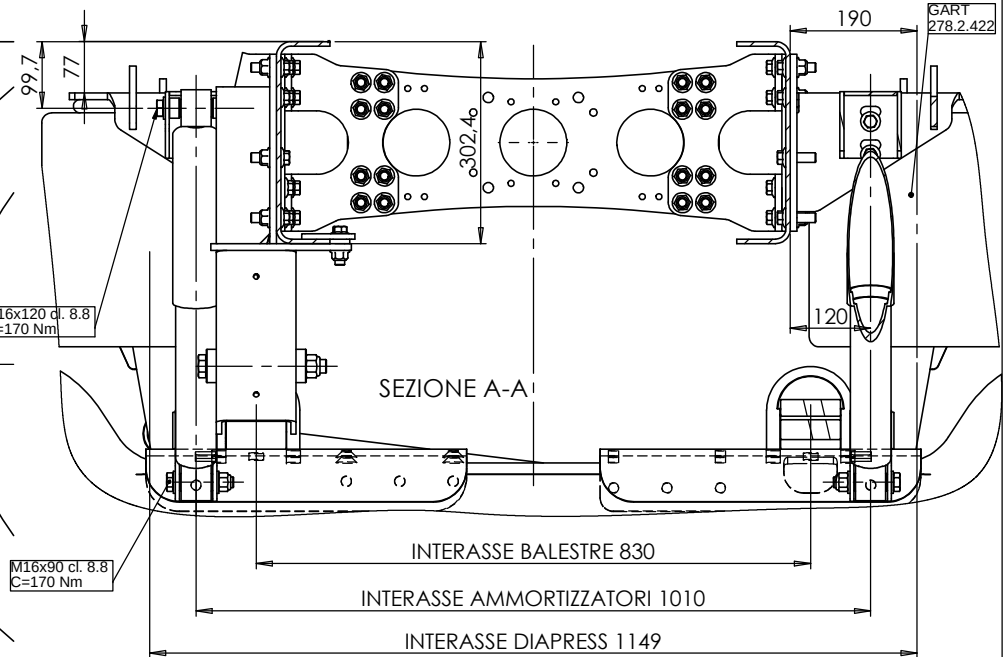
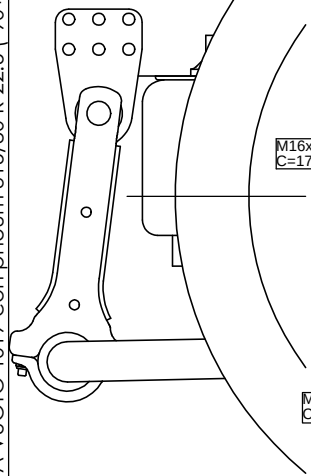
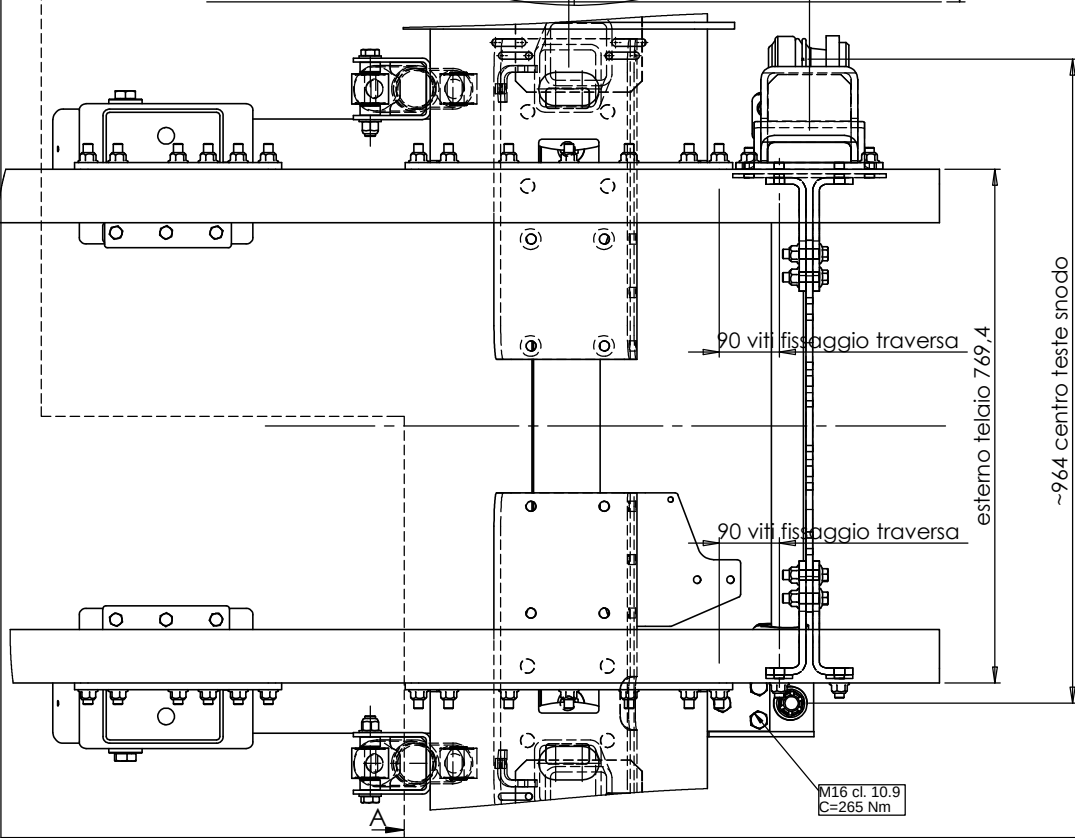
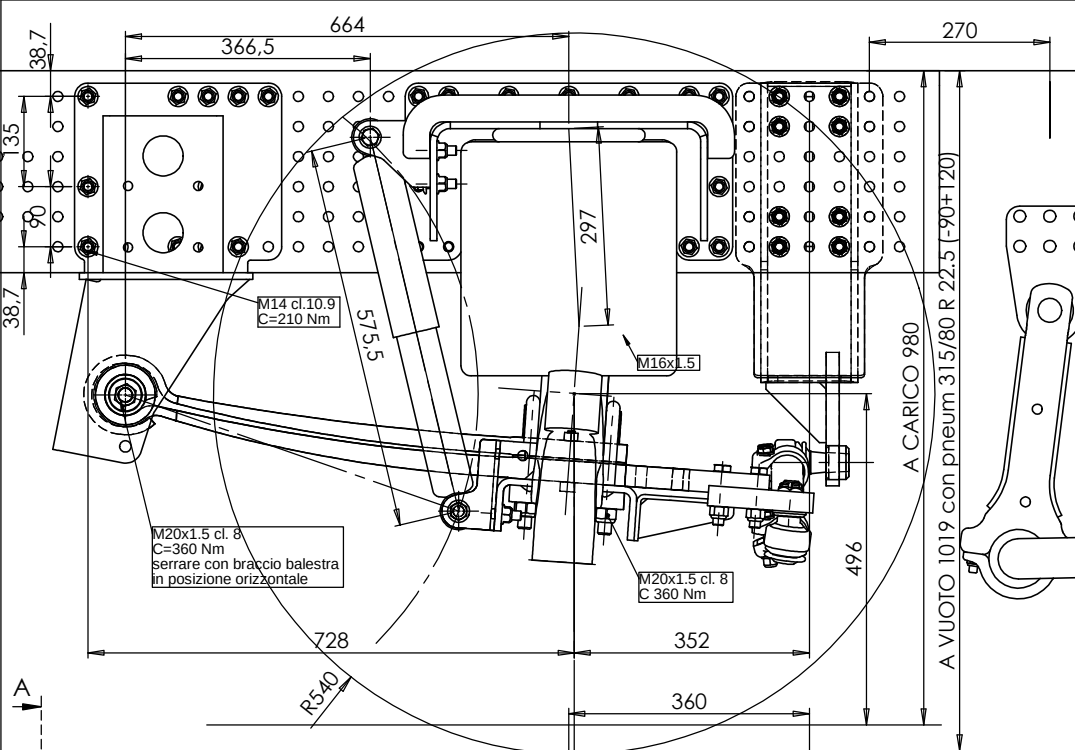


INTERASSE STD 1365 DA ASSE MOTORE

N.B. VERIFICARE SUL VEICOLO EVENTUALI INTERFERENZE CON L'ALBERO DI TRASMISSIONE SE NECESSARIO MODIFICARE L'ALBERO DI TRASMISSIONE.

	Disegnato con : Modificare solo con: Drawing with: Modify only with:		Formato disegno Format Drawing A3 UNI 936	Materiale Material --	Trattamento termico Heat treatment --	Finitura superficiale Surface finishing --	Massa kg Weight kg 520,98
Quote senza indicazione di tolleranza secondo tabella UNI EN 22768'1, con grado di precisione MEDIO Measures without tolerance according to indication according to UNI EN 22768'1, with a degree of precision MEDIUM			Unità di misura Unit of measure lineari - linear: mm angoli - gradi / sessagesimali angles - sexagesimal / degrees	Disegnato da Drawing by M. SEMBENINI	Controllato da Checked by P. Martini	Data Date 02/10/2013	Scala Scale 1:8
 S.T. System Truck S.p.A. via Paesa, 28 146048 Roverbella (MN) tel. +39 0376 696809 - fax +39 0376 1760180 www.stsystemtruck.com — info@stsystemtruck.com			Disegno di proprietà della S.T. System Truck S.p.A. Vietata la riproduzione non autorizzata  Property of S.T. System Truck S.p.A. Reproduction not permitted, all rights reserved.	Descrizione / Description SOSPENSIONE INT. PNEUM. ASSE STERZ. IDR. IVECO STRALIS Y/PS 1-8 ASSEMBLATO IN VERSIONE BARRA PANHARD -- EU 6			Foglio Sheet 1 / 2
Cassa n° 13R11/18*0056*04 10.03.00.0042				10.03.00.0042			

Rev.	Descrizione	Data	Mod.	App.	Stato
2	Sostituito il barile a panhard di (peggiore)	22/12/2015	P. Toppino	P. Toppino	A
1	Sostituito il traverso rinforzo barra a panhard	12/03/2015	M. Sembenini	M. Sembenini	A
0	Prima approvazione	29/10/2014	M. Mod.	M. Mod.	A

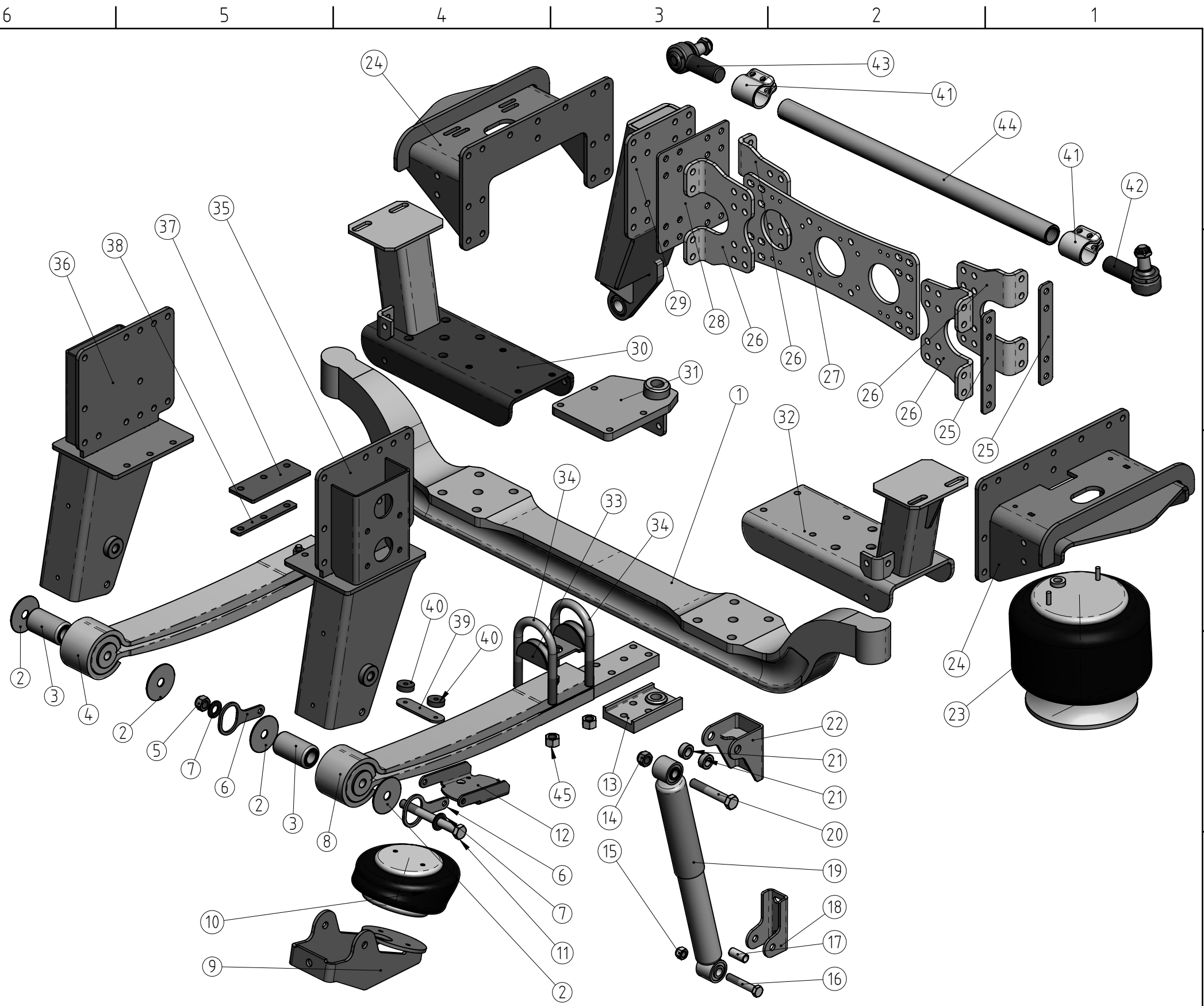


INTERASSE STD 1365 DA ASSE MOTORE

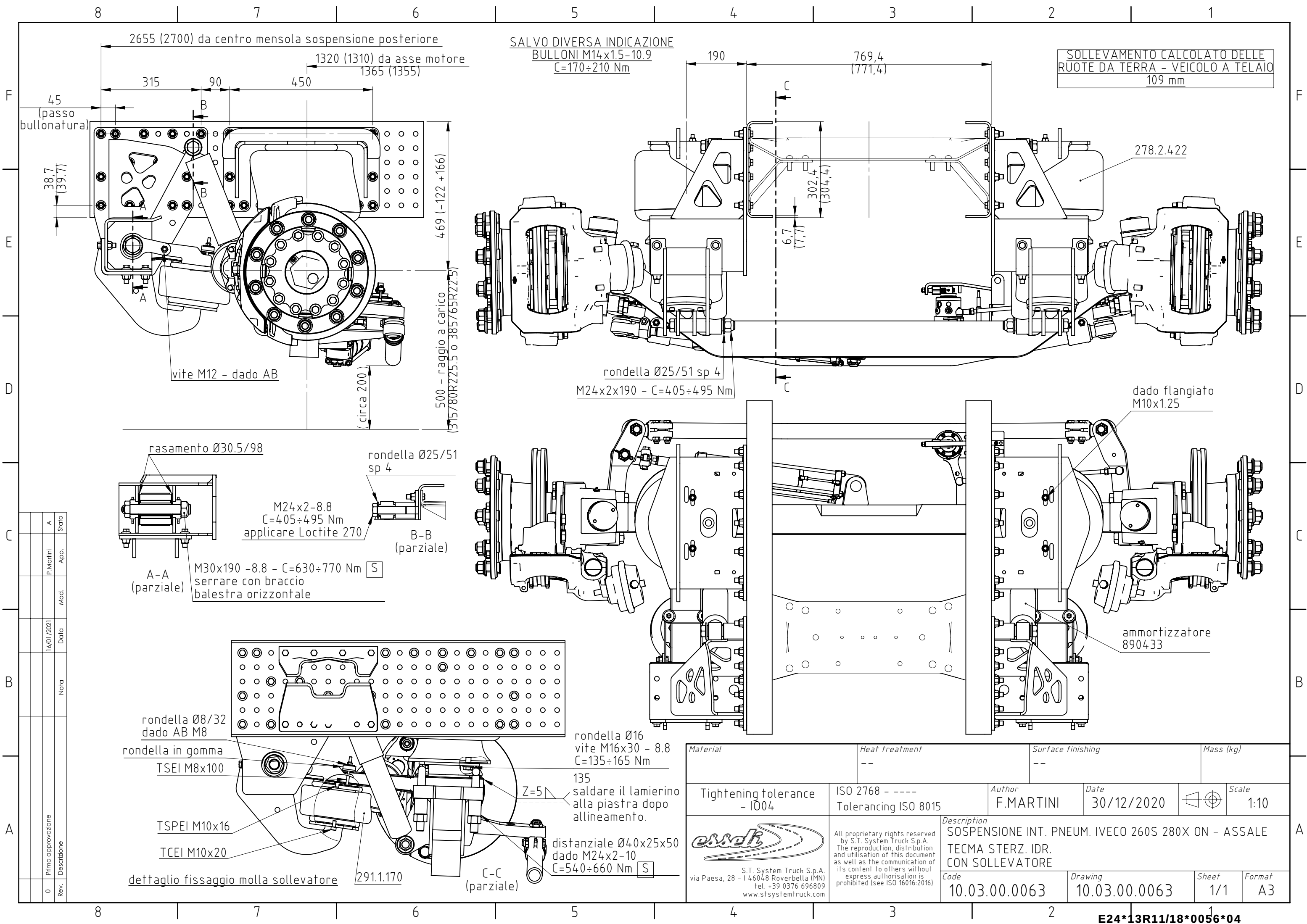
N.B. VERIFICARE SUL VEICOLO EVENTUALI
INTERFERENZE CON L'ALBERO DI
TRASMISSIONE SE NECESSARIO MODIFICARE
L'ALBERO DI TRASMISSIONE.

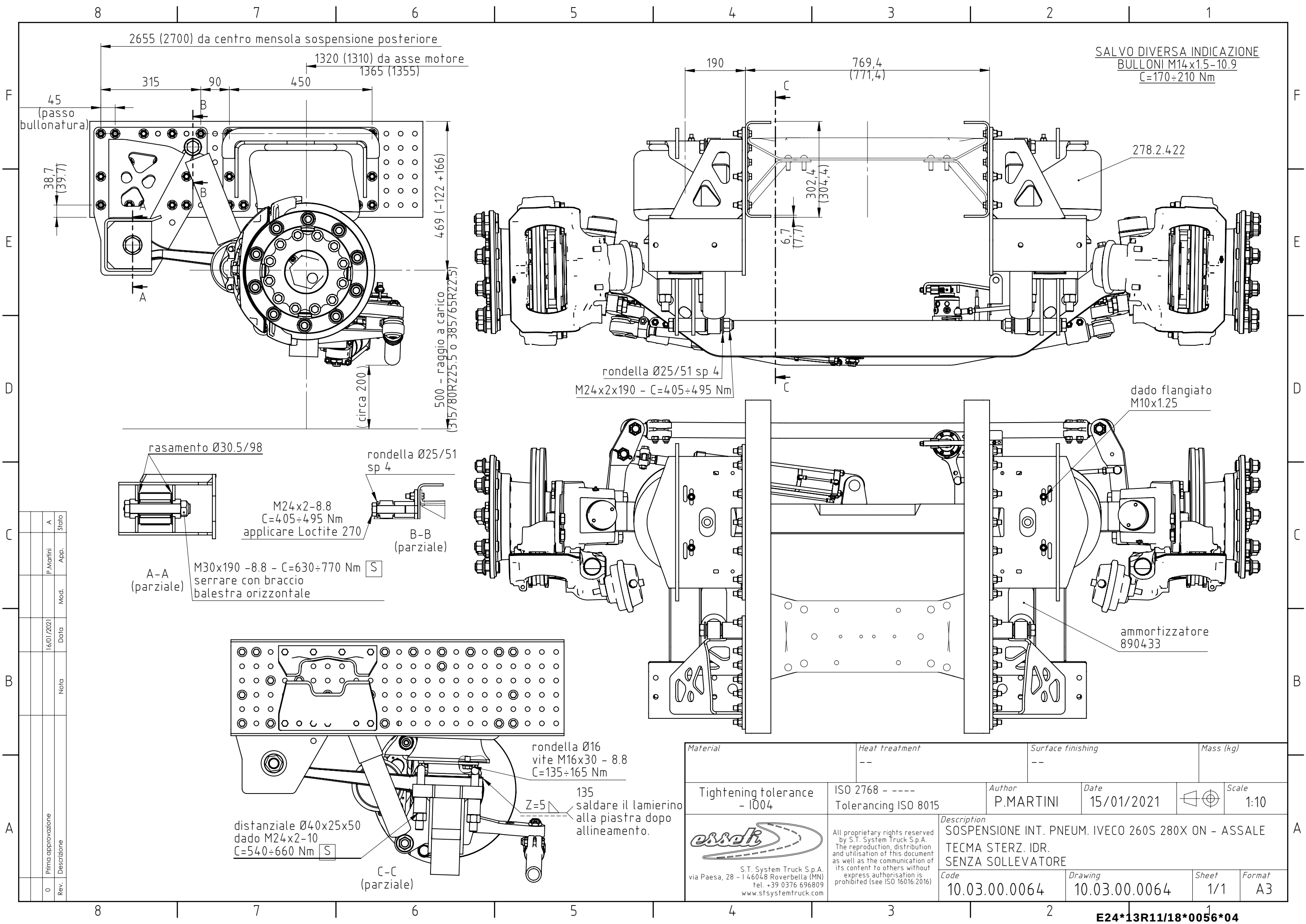
	Disegnato con : Modificare solo con: Drawing with: Modify only with:		Formato disegno Format Drawing A3 UNI 936	Materiale Material	Trattamento termico Heat treatment --	Finitura superficiale Surface finishing --	Massa kg Weight kg 493,45
Quote senza indicazione di tolleranza secondo tabella UNI EN 22768/1, con grado di precisione MEDIO Measures without tolerance according to indication according to UNI EN 22768/1, with a degree of precision MEDIUM	Unità di misura Unit of measure lineari - linear: mm angoli: gradi sessagesimali angles: sexagesimal degrees	Disegnato da Drawing by P.TOPPANO	Controllato da Checked by P.Martini	Data Date 27/10/2014	Scala Scale 1:8		
	ISO 9001:2008 S.T. System Truck S.p.A. via Paesa, 28 I 46048 Roverbella (MN) tel. +39 0376 696809 - fax +39 0376 1760180 www.stsystemtruck.com --- info@stsystemtruck.com	Disegno di proprietà della S.T. System Truck S.p.A. Vietata la riproduzione non autorizzata. Property of S.T. System Truck S.p.A. Reproduction not permitted, all rights reserved.	Descrizione / Description SOSPENSIONE INT. PNEUM. ASSE STERZ. IDR. IVECO STRALIS Y/PS 1+3 ASSALE ORIGINALE - VERSIONE BARRA PANHARD - EU 6 - SENZA SOLLEVATORE	Codice / Code E24*13R11/18*0036*04 10.03.00.0048	Disegno / Drawing 10.03.00.0048	Foglio Sheet 1 / 2	

Pos.	8	Descrizione / Description	7	Codice / Code	6	5	4	3	2	1
1		Assale Originale IVECO Sterzante Anteriore - Freno Disco		7184178						
2		RASAMENTO SOSPENSIONE PNEUMATICA DI=20,5 DE=90 SP. 3 MAT. S355JO		10459003						
3		SILENTBLOCK MOLLA BALESTRA (Ø30/57 L=102 ESTERNO ACCIAIO)		05710025						
4		BALESTRA BILAMA PER SOSP. PNE. - 1^ FOGLIA 90X32 - 2^90X27 - L=670		05100100						
5		DADO Autobloccante DIN 982 Cl. 8 A. 20 x 1,5		52000200000						
6		5 LAMA PER SUPPORTO PER SOLLEVATORE SOTTOBALESTRA		10.23.10.0025						
7		Rondella Fe UNI 6592 Zinc. di=20		203000200000						
8		MOLLA BAL. BIL. MF 90X32 - 2° F. 90X27 - INT.670 SILENT. 62X20.2X97		10.09.00.0001						
9		SUPPORTO INFERIORE PER SOLLEVATORE SOTTO BALESTRA L=90		10.23.10.0026						
10		MOLLA PNEUM. TORPRESS T291/B (291.1.170)		05101010						
11		VITE TE 10.9 - UNI 5738 M 20 X 1,5 X 180		322100200180						
12		5 SUPPORTO SUPERIORE PER MOLLA TORPRESS SOLLEVATORE		10.23.10.0024						
13		SUPPORTO SU BALESTRA PER ATTACCO TESTA BARRA PANHARD		10.07.05.0015						
14		DADO Autobloccante UNI 7473 A. 20 MA		50000200000						
15		DADO AUTOBL UNI 7473 A. M16		50000160000						
16		VITE TE 8.8 5737 ZINC. M16X90		220000160090						
17		BUSSOLA DI RIDUZIONE PER AMMORTIZZATORE (Ø 16/20 L=46)		10700039						
18		SUPPORTO SUPERIORE AMMORTIZZATORE SOSPENSIONE ASSE CENTRALE DIETRO		10300304						
19		Ammortizzatore Sospensione Pneumatica IVECO C.M. 2+2 Assale		05102008						
20		Vite TE 8.8 5737 ZINC. 20x120		220000200120						
21		Distanziali in C43 - 21x35 H=15 - ZNC Tab 06900000TAB1		06900194						
22		SUPPORTO SUPERIORE AMMORTIZZATORE C.M.		10.07.00.0052						
23		MOLLA PNEUM. DIAPRESS D278/G (278.2.422)		05101002						
24		SUPPORTO SUPERIORE PER DIAPRESS - SOSPENSIONE PER IVECO		10.07.00.0297						
25		6 LAMIERA ACCIAIO LAMA DISTANZIALE PER TRAVERSA RINF. PANHARD		01.01.00.0088						
26		10 ANGOLARE PER TRAVERSA RINFORZO SOSPENSIONE IVECO 1+3		01.01.00.0636						
27		10 TRAVERSA DI RINFORZO PER SOSPENSIONE IVECO 1+3		01.01.00.0637						
28		6 LAMIERA ACCIAIO LAMA DISTANZIALE PER TRAVERSA RINF. PANHARD		01.01.00.0089						
29		MENSOLA PER BARRA PANHARD IVECO 1+3		10.07.00.0029						
30		Gruppo traversa DX sosp. int. IVECO 190S e 260S con ASSALE ORIGINALE		10310031						
31		Supporto Attacco Cilindro Oleodinamico		10940140						
32		GRUPPO TRAVERSA SX SOSP. INT. IVECO 190S E 260S CON ASSALE ORIGINALE		10.07.05.0028						
33		SELLA PER APOGGIO CAVALLOTTI BALESTRA L=90		10310002						
34		STAFFA BALESTRA TONDA M20 X 1,5 X 91 X 180		10500148						
35		SUPP. SX SOSP. PNE. INTERMEDIA (DAVANTI PONTE) - IVECO STRALIS		10.07.00.0295						
36		SUPP. DX SOSP. PNE. INTERMEDIA (DAVANTI PONTE) - IVECO STRALIS		10.07.00.0296						
37		8 LAMA MORSETTO SOSPENSIONE IVECO		01.01.00.0241						
38		Lama distanziale		10450210						
39		LAMA PER SOLLEVATORE		10940029						
40		RONDELLA DISTANZIALE IN GOMMA D10/40 H=10 (RECUPERO DA VEICOLI IVECO)		05906000						
41		FASCETTA STAMPATA IN LAMIERA PESANTE - DOPPIO FORO PER VITE M12		05304949						
42		Testa a Snodo ad Angolo Conicità 1/10 fil. M. M 38 x 1,5 Dx		05304006						
43		Testa a Snodo ad Angolo Conicità 1/10 fil. M. M 38 x 1,5 Sx		05304011						
44		Barra D. 48 Rettilinea L= 880 Tabella 40451000TAB1		40451880						
45		DADO STAFFA BALESTRA M 20 X 1,5 - 10	4	10500050						

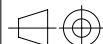


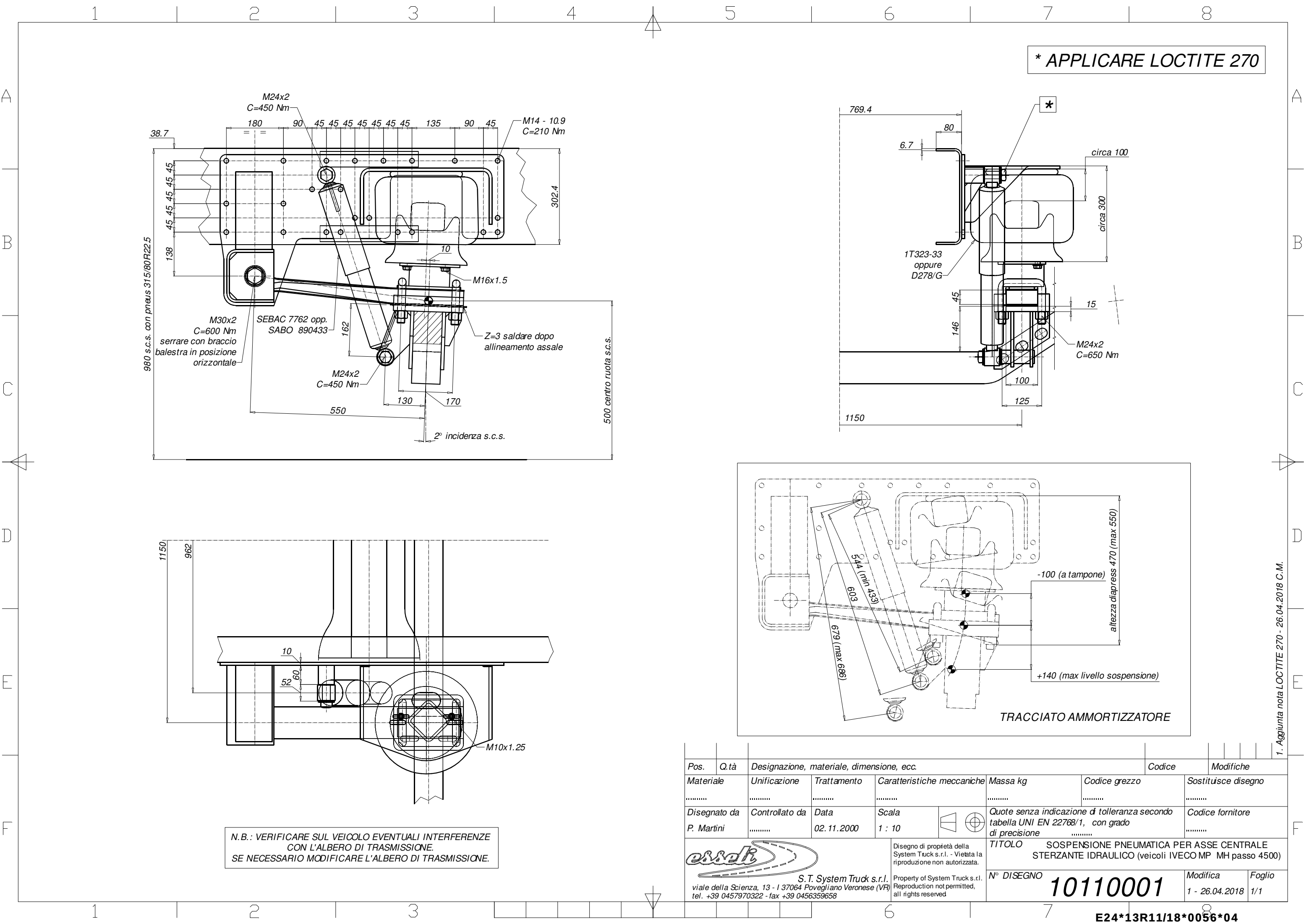
Material --		Heat treatment --		Surface finishing --		Mass (kg) 355,97	
Tightening tolerance - I004		ISO 2768 - ---- Tolerancing ISO 8015		Author F.MARTINI	Date 09/08/2018	Scale 1:50	
 S.T. System Truck S.p.A. via Paesa, 28 - I 46048 Roverbella (MN) tel. +39 0376 696809 www.stsystemtruck.com		All proprietary rights reserved by S.T. System Truck S.p.A. The reproduction, distribution and utilisation of this document as well as the communication of its content to others without express authorisation is prohibited (see ISO 16016:2016)		Description SOSPENSIONE INT. PNEUM. ASSE STERZ. IDR. IVECO STRALIS CM 1+3 ASSALE ORIGINALE - VERSIONE BARRA PANHARD			
Code 10.03.00.0058		Drawing 10.03.00.0058		Sheet 2/2		Format A3	





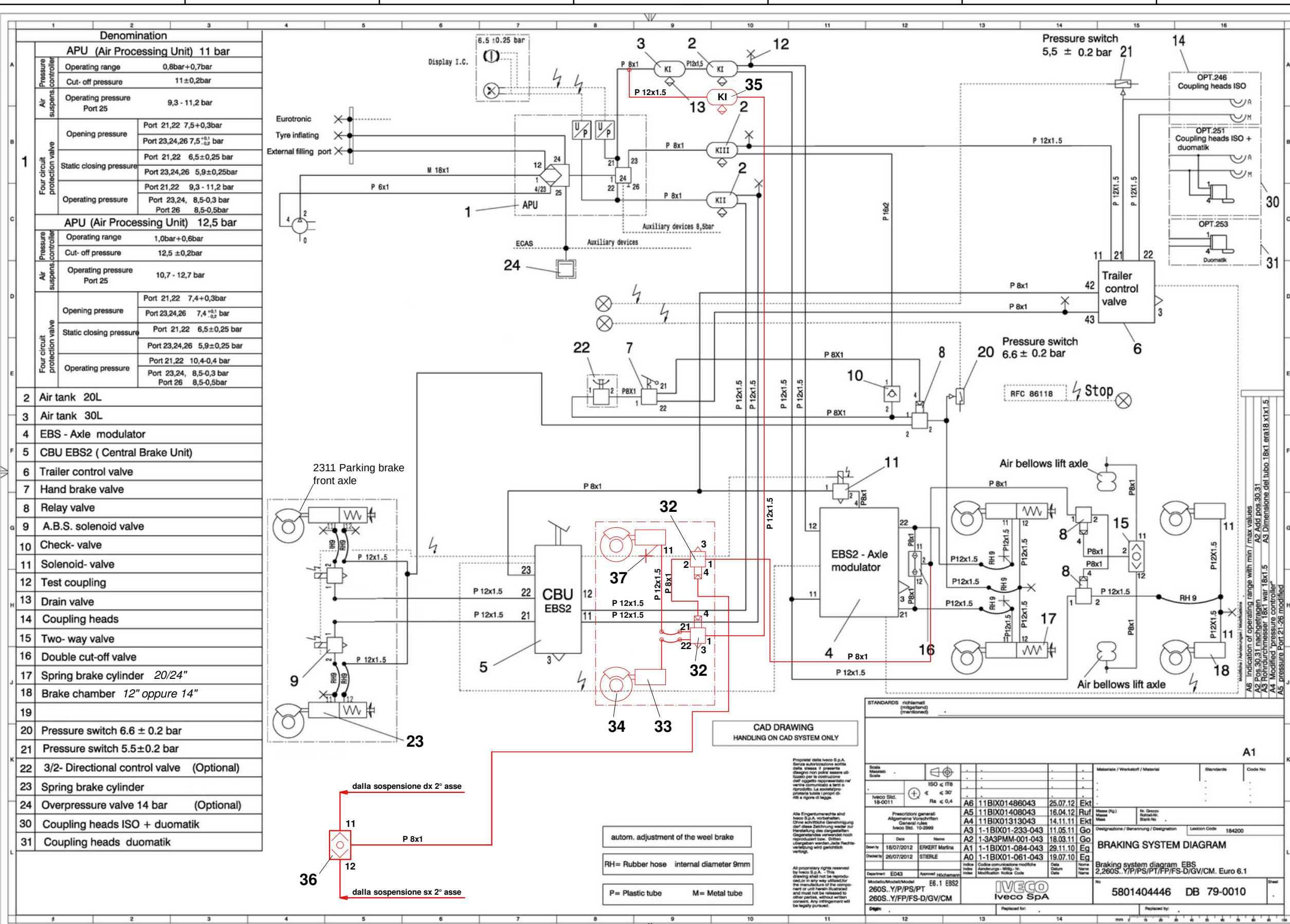
Rev.	Descrizione	Nota	Data	Mod.	App.	Stato
0	Prima approvazione		16/01/2021		P.Martini	A

Material		Heat treatment		Surface finishing		Mass (kg)	
		--		--			
Tightening tolerance - I004		ISO 2768 - ---- Tolerancing ISO 8015		Author P.MARTINI	Date 15/01/2021		Scale 1:10
 S.T. System Truck S.p.A. via Paesa, 28 - I 146048 Roverbella (MN) tel. +39 0376 696809 www.stssystemtruck.com		All proprietary rights reserved by S.T. System Truck S.p.A. The reproduction, distribution and utilisation of this document as well as the communication of its content to others without express authorisation is prohibited (see ISO 16016:2016)		Description SOSPENSIONE INT. PNEUM. IVECO 260S 280X ON - ASSALE TECMA STERZ. IDR. SENZA SOLLEVATORE			
Code 10.03.00.0064		Drawing 10.03.00.0064		Sheet 1/1		Format A3	



Pos.	Q.tà	Designazione, materiale, dimensione, ecc.				Codice	Modifiche
Materiale	Unificazione	Trattamento	Caratteristiche meccaniche	Massa kg	Codice grezzo	Sostituisce disegno	
Disegnato da	Controllato da	Data	Scala	Quote senza indicazione di tolleranza secondo tabella UNI EN 22768/1, con grado di precisione		Codice fornitore	
P. Martini		02.11.2000	1 : 10	Disegno di proprietà della System Truck s.r.l. - Vietata la riproduzione non autorizzata.		TITOLO SOSPENSIONE PNEUMATICA PER ASSE CENTRALE STERZANTE IDRAULICO (veicoli IVECO MP MH passo 4500)	
S.T. System Truck s.r.l. viale della Scienza, 13 - I 37064 Povegliano Veronese (VR) tel. +39 0457970322 - fax +39 0456359658				Property of System Truck s.r.l. Reproduction not permitted, all rights reserved		N° DISEGNO	Modifica Foglio
						10110001	1 - 26.04.2018 1/1

F
E
D
C
B
A



Pos.	Denominazione
23	Cilindro freno doppio 24/14" oppure 30/14"
32	Valvola relè
33	Cilindro freno 12"
34	Freno a disco SN7
35	Serbatoio aria 20L
36	Selettore massima pressione
37	Presa controllo pressione

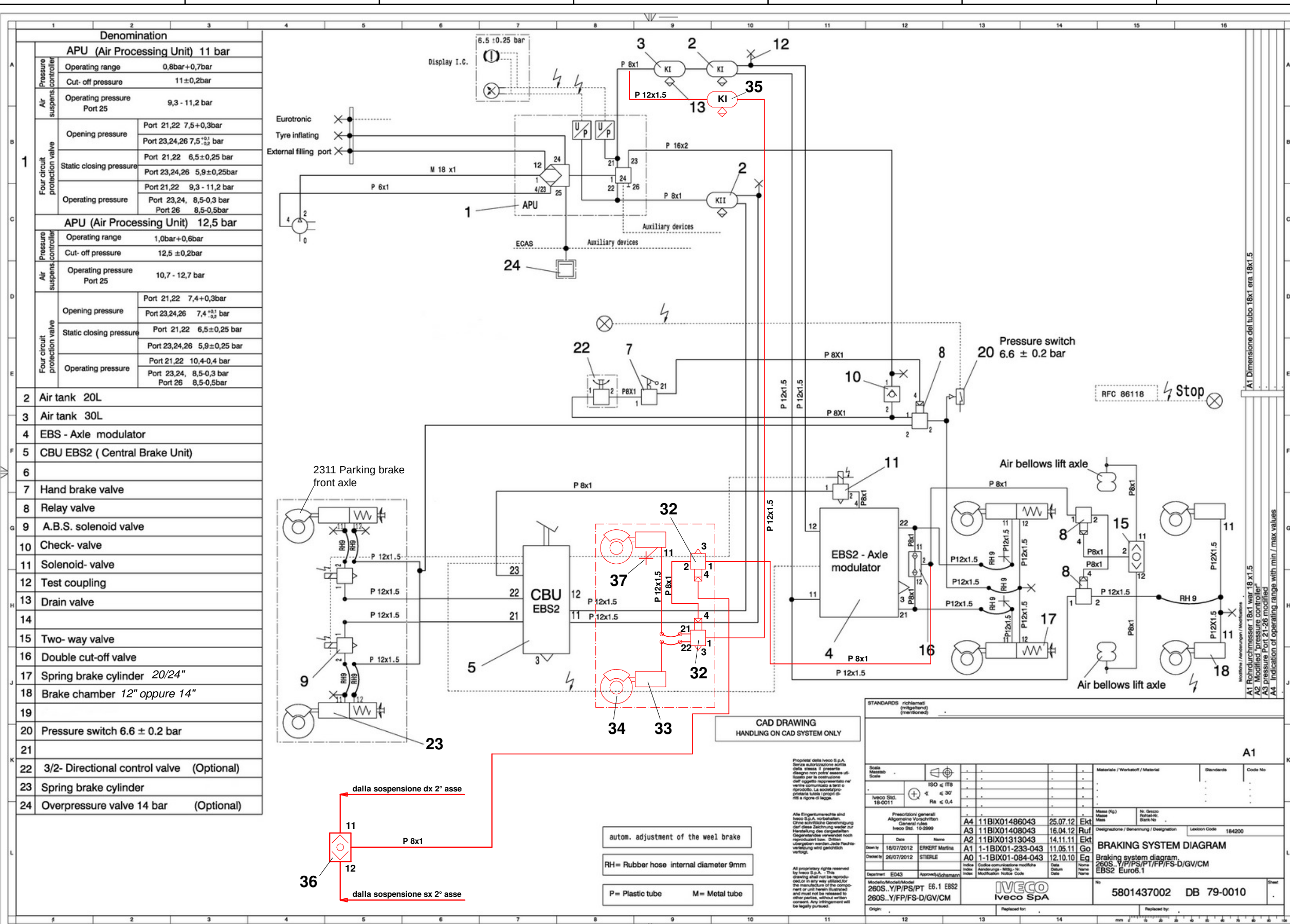
Schema impianto frenante - con sezione rimorchio
e freno di stazionamento su primo e terzo asse

Tightening tolerance - I004	ISO 2768 - ---- Tolerancing ISO 8015	Author P. TOPPANO	Date 20.09.2013	Scale 1:1
Description SCHEMA IMPIANTO PNEUMATICO IVECO 260S 280X EBS2 Y/P/PS/FP/FS-D/GV/CM 6x2 IN ALLESTIMENTO 8X2 (1+3) - CON SOLLEVATORE				
Code 25.01.20.0024		Drawing 25.01.20.0024		Sheet 1/6
Format A3				

5 - Aggiunti fogli 3/6 e 4/6 versione HI TRACTION - 31/10/23 E.R.
4 - Aggiornato cartiglio, Aggiornato schema e legenda per interruttore MY2019, Aggiunto foglio 4 - 13/07/20 F.M.
3 - Sostituita elettrovalvola N.A. con N.C. pos. "q" - 04/12/18 P.M.
2 - Aggiunte misure brake chambers assi originali in alternativa - 18/06/18 P.T.
1 - Modificato cartiglio - 12/01/15 P.T.

F
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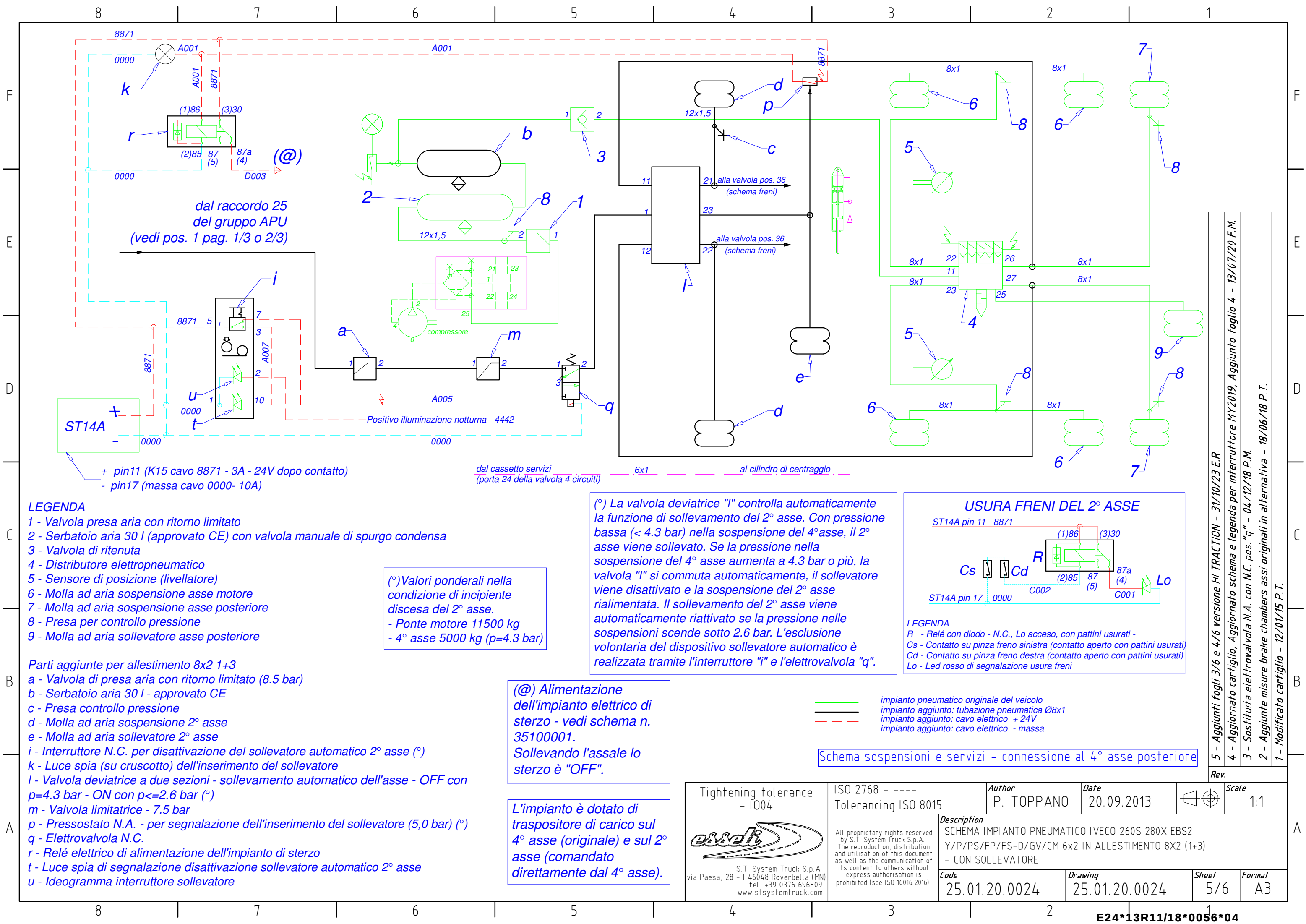
Pos.	Denominazione
23	Cilindro freno doppio 24/14" oppure 30/14"
32	Valvola relè
33	Cilindro freno 12"
34	Freno a disco SN7
35	Serbatoio aria 20L
36	Selettore massima pressione
37	Presa controllo pressione

Schema impianto frenante - senza sezione rimorchio
e freno di stazionamento su primo e terzo asse

Tightening tolerance - I004	ISO 2768 - ---- Tolerancing ISO 8015	Author P. TOPPANO	Date 20.09.2013		Scale 1:1
 S.T. System Truck S.p.A. via Paesa, 28 - I 46048 Roverbella (MN) tel. +39 0376 696809 www.stsystemtruck.com	Description SCHEMA IMPIANTO PNEUMATICO IVECO 260S 280X EBS2 Y/P/PS/FP/FS-D/GV/CM 6x2 IN ALLESTIMENTO 8X2 (1+3) - CON SOLLEVATORE				
	Code 25.01.20.0024		Drawing 25.01.20.0024		Sheet 2/6

5 - Aggiunti fogli 3/6 e 4/6 versione HI TRACTION - 31/10/23 E.R.
4 - Aggiornato cartiglio, Aggiornato schema e legenda per interruttore MY2019, Aggiunto foglio 4 - 13/07/20 F.M.
3 - Sostituita elettrovalvola N.A. con N.C. pos. "q" - 04/12/18 P.M.
2 - Aggiunte misure brake chambers assi originali in alternativa - 18/06/18 P.T.
1 - Modificato cartiglio - 12/01/15 P.T.

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LEGENDA

- 1 - Valvola presa aria con ritorno limitato
 - 2 - Serbatoio aria 30 l (approvato CE) con valvola manuale di spurgo condensa
 - 3 - Valvola di ritenuta
 - 4 - Distributore elettropneumatico
 - 5 - Sensore di posizione (livellatore)
 - 6 - Molla ad aria sospensione asse motore
 - 7 - Molla ad aria sospensione asse posteriore
 - 8 - Presa per controllo pressione
 - 9 - Molla ad aria sollevatore asse posteriore
- Parti aggiunte per allestimento 8x2 1+3
- a - Valvola di presa aria con ritorno limitato (8.5 bar)
 - b - Serbatoio aria 30 l - approvato CE
 - c - Presa controllo pressione
 - d - Molla ad aria sospensione 2° asse
 - e - Molla ad aria sollevatore 2° asse
 - i - Interruttore N.C. per disattivazione del sollevatore automatico 2° asse (°)
 - k - Luce spia (su cruscotto) dell'inserimento del sollevatore
 - l - Valvola deviatrice a due sezioni - sollevamento automatico dell'asse - OFF con p=4.3 bar - ON con p<=2.6 bar (°)
 - m - Valvola limitatrice - 7.5 bar
 - p - Pressostato N.A. - per segnalazione dell'inserimento del sollevatore (5,0 bar) (°)
 - q - Elettrovalvola N.C.
 - r - Relé elettrico di alimentazione dell'impianto di sterzo
 - t - Luce spia di segnalazione disattivazione sollevatore automatico 2° asse
 - u - Ideogramma interruttore sollevatore

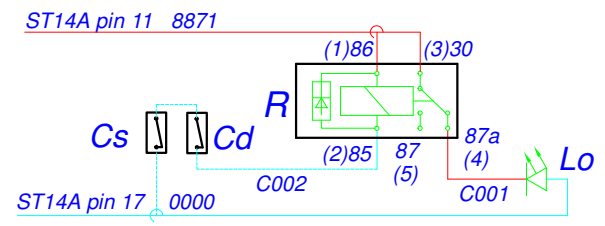
(°) Valori ponderali nella condizione di incipiente discesa del 2° asse.
- Ponte motore 11500 kg
- 4° asse 5000 kg (p=4.3 bar)

(°) La valvola deviatrice "l" controlla automaticamente la funzione di sollevamento del 2° asse. Con pressione bassa (< 4.3 bar) nella sospensione del 4° asse, il 2° asse viene sollevato. Se la pressione nella sospensione del 4° asse aumenta a 4.3 bar o più, la valvola "l" si commuta automaticamente, il sollevatore viene disattivato e la sospensione del 2° asse rialimentata. Il sollevamento del 2° asse viene automaticamente riattivato se la pressione nelle sospensioni scende sotto 2.6 bar. L'esclusione volontaria del dispositivo sollevatore automatico è realizzata tramite l'interruttore "i" e l'elettrovalvola "q".

(@) Alimentazione dell'impianto elettrico di sterzo - vedi schema n. 35100001.
Sollevando l'assale lo sterzo è "OFF".

L'impianto è dotato di traspositore di carico sul 4° asse (originale) e sul 2° asse (comandato direttamente dal 4° asse).

USURA FRENI DEL 2° ASSE



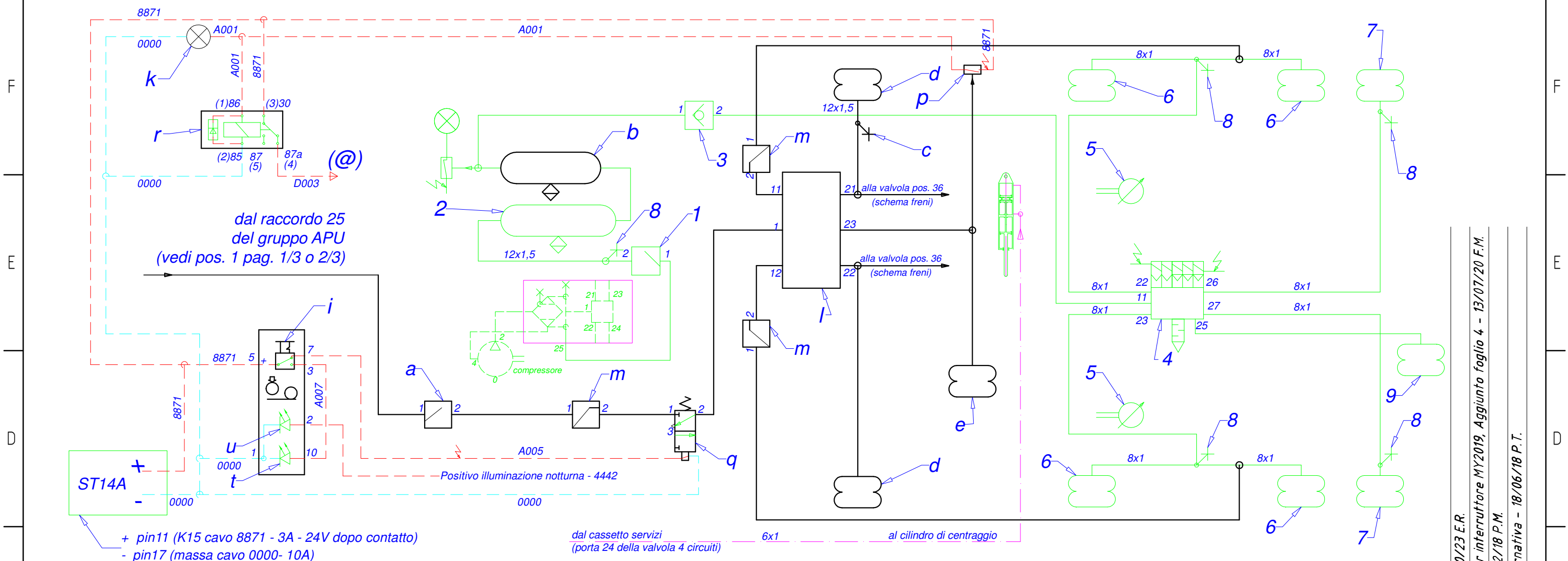
- LEGENDA
- R - Relé con diodo - N.C., Lo acceso, con pattini usurati -
 - Cs - Contatto su pinza freno sinistra (contatto aperto con pattini usurati)
 - Cd - Contatto su pinza freno destra (contatto aperto con pattini usurati)
 - Lo - Led rosso di segnalazione usura freni

— impianto pneumatico originale del veicolo
— impianto aggiunto: tubazione pneumatica Ø8x1
— impianto aggiunto: cavo elettrico + 24V
— impianto aggiunto: cavo elettrico - massa

Schema sospensioni e servizi - connessione al 4° asse posteriore

Tightening tolerance - I004	ISO 2768 - ---- Tolerancing ISO 8015	Author P. TOPPANO	Date 20.09.2013	Scale 1:1
 S.T. System Truck S.p.A. via Paesa, 28 - I 46048 Roverbella (MN) tel. +39 0376 696809 www.sftsystemtruck.com				
Description SCHEMA IMPIANTO PNEUMATICO IVECO 260S 280X EBS2 Y/P/PS/FP/FS-D/GV/CM 6x2 IN ALLESTIMENTO 8X2 (1+3) - CON SOLLEVATORE				
Code 25.01.20.0024	Drawing 25.01.20.0024	Sheet 5/6	Format A3	

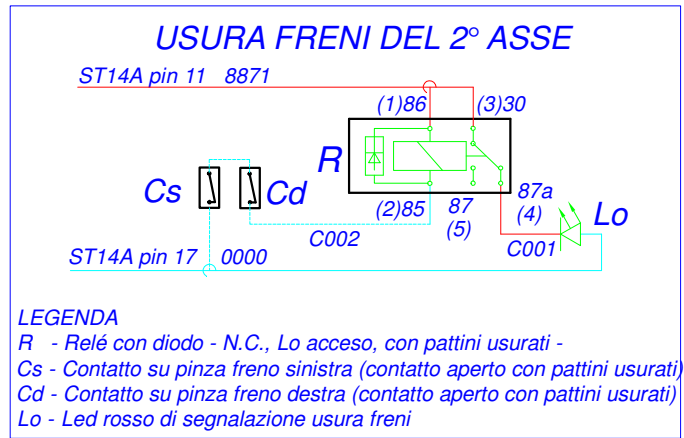
5 - Aggiunti fogli 3/6 e 4/6 versione HI TRACTION - 31/10/23 E.R.
4 - Aggiornato cartiglio, Aggiornato schema e legenda per interruttore MY2019, Aggiunto foglio 4 - 13/07/20 F.M.
3 - Sostituita elettrovalvola N.A. con N.C. pos. "q" - 04/12/18 P.M.
2 - Aggiunte misure brake chambers assi originali in alternativa - 18/06/18 P.T.
1 - Modificato cartiglio - 12/01/15 P.T.



- LEGENDA**
- 1 - Valvola presa aria con ritorno limitato
 - 2 - Serbatoio aria 30 l (approvato CE) con valvola manuale di spurgo condensa
 - 3 - Valvola di ritenuta
 - 4 - Distributore elettropneumatico
 - 5 - Sensore di posizione (livellatore)
 - 6 - Molla ad aria sospensione asse motore
 - 7 - Molla ad aria sospensione asse posteriore
 - 8 - Presa per controllo pressione
 - 9 - Molla ad aria sollevatore asse posteriore
- Parti aggiunte per allestimento 8x2 1+3
- a - Valvola di presa aria con ritorno limitato (8.5 bar)
 - b - Serbatoio aria 30 l - approvato CE
 - c - Presa controllo pressione
 - d - Molla ad aria sospensione 2° asse
 - e - Molla ad aria sollevatore 2° asse
 - i - Interruttore N.C. per disattivazione del sollevatore automatico 2° asse
 - k - Luce spia (su cruscotto) dell'inserimento del sollevatore
 - l - Valvola deviatrice a due sezioni - sollevamento automatico dell'asse - OFF con $p=4.3$ bar - ON con $p \leq 2.6$ bar (°)
 - m - Valvola limitatrice - 7.5 bar
 - p - Pressostato N.A. - per segnalazione dell'inserimento del sollevatore (5,0 bar) (°)
 - q - Elettrovalvola N.C.
 - r - Relé elettrico di alimentazione dell'impianto di sterzo
 - t - Luce spia di segnalazione disattivazione sollevatore automatico 2° asse
 - u - Ideogramma interruttore sollevatore

(@) Alimentazione dell'impianto elettrico di sterzo - vedi schema n. 35100001.
Sollevando l'assale lo sterzo è "OFF".

(°) La valvola deviatrice "l" controlla automaticamente la funzione di sollevamento del 2° asse. Con pressione bassa (< 4.3 bar) nella sospensione del ponte motore, il 2° asse viene sollevato. Se la pressione nella sospensione del ponte motore aumenta a 4.3 bar o più, la valvola "l" si commuta automaticamente, il sollevatore viene disattivato e la sospensione del 2° asse rialimentata. Il sollevamento del 2° asse viene automaticamente riattivato se la pressione nelle sospensioni scende sotto 2.6 bar. L'esclusione volontaria del dispositivo sollevatore automatico è realizzata tramite l'interruttore "i" e l'elettrovalvola "q".



— impianto pneumatico originale del veicolo
— impianto aggiunto: tubazione pneumatica Ø8x1
- - - impianto aggiunto: cavo elettrico + 24V
- - - impianto aggiunto: cavo elettrico - massa

Schema sospensioni e servizi - connessione al ponte motore

Tightening tolerance - I004	ISO 2768 - ---- Tolerancing ISO 8015	Author P. TOPPANO	Date 20.09.2013	Scale 1:1
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Description SCHEMA IMPIANTO PNEUMATICO IVECO 260S 280X EBS2 Y/P/PS/FP/FS-D/GV/CM 6x2 IN ALLESTIMENTO 8X2 (1+3) - CON SOLLEVATORE				
Code 25.01.20.0024	Drawing 25.01.20.0024	Sheet 6/6	Format A3	

- Rev.
- 5 - Aggiunti fogli 3/6 e 4/6 versione HI TRACTION - 31/10/23 E.R.
 - 4 - Aggiornato cartiglio, Aggiornato schema e legenda per interruttore MY2019, Aggiunto foglio 4 - 13/07/20 F.M.
 - 3 - Sostituita elettrovalvola N.A. con N.C. pos. "q" - 04/12/18 P.M.
 - 2 - Aggiunte misure brake chambers assi originali in alternativa - 18/06/18 P.T.
 - 1 - Modificato cartiglio - 12/01/15 P.T.

F

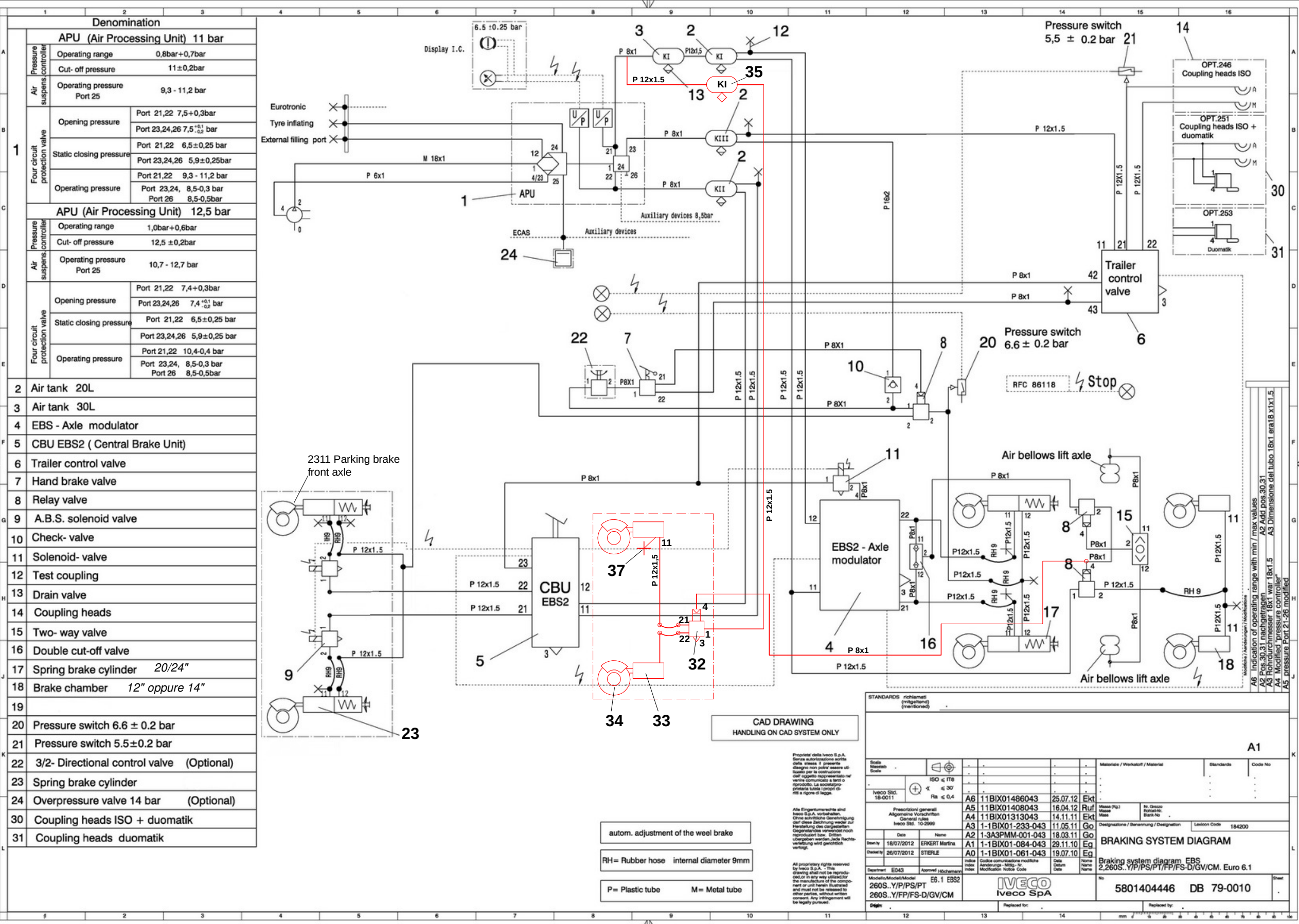
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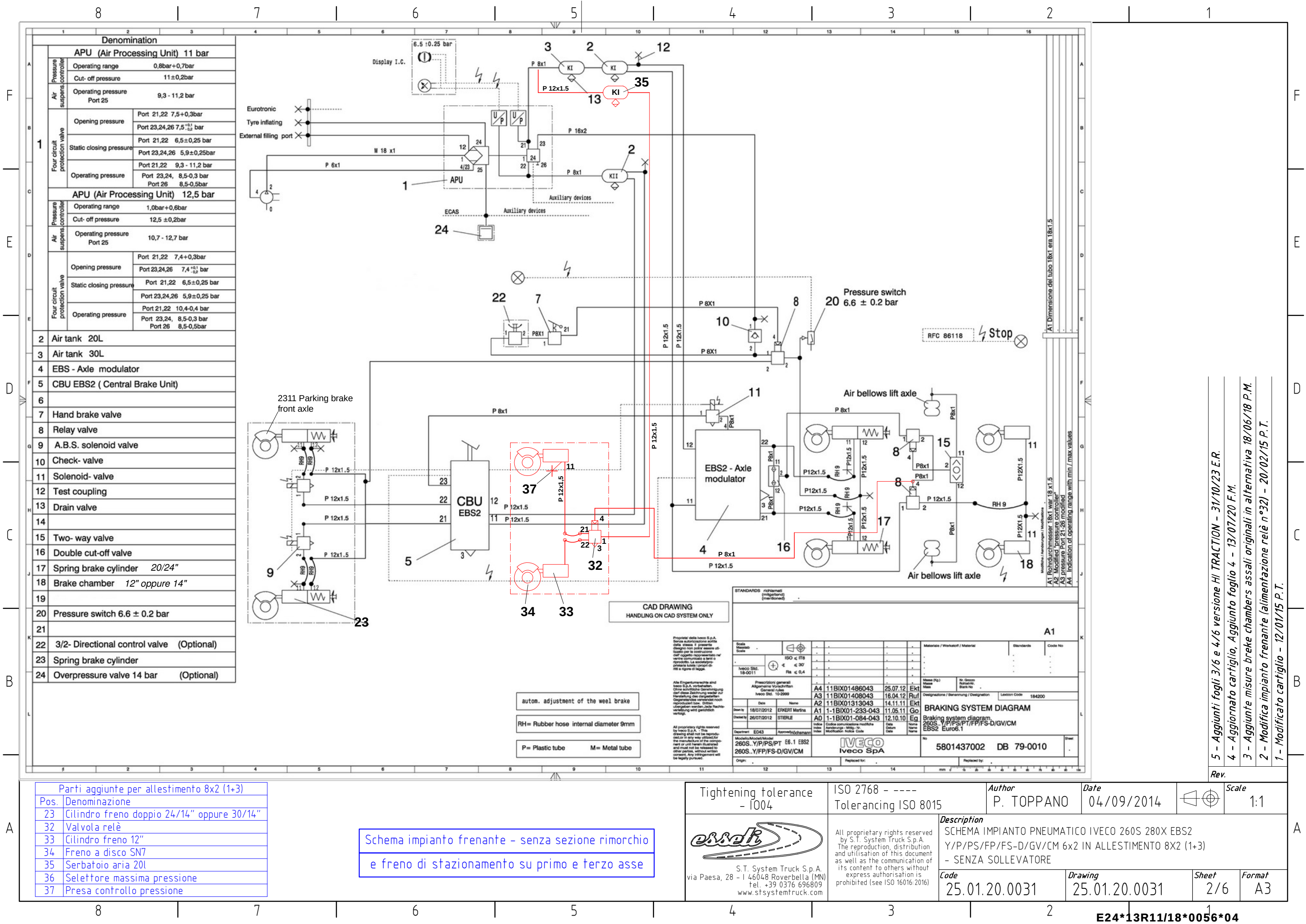
D

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Parti aggiunte per allestimento 8x2 (1+3)	
Pos.	Denominazione
23	Cilindro freno doppio 24/14" oppure 30/14"
32	Valvola relè
33	Cilindro freno 12"
34	Freno a disco SN7
35	Serbatoio aria 20L
36	Selettore massima pressione
37	Presa controllo pressione

Schema impianto frenante - senza sezione rimorchio
e freno di stazionamento su primo e terzo asse

Tightening tolerance - I004		ISO 2768 - ---- Tolerancing ISO 8015		Author P. TOPPANO		Date 04/09/2014		Scale 1:1	
		All proprietary rights reserved by S.T. System Truck S.p.A. The reproduction, distribution and utilisation of this document as well as the communication of its content to others without express authorisation is prohibited (see ISO 16016:2016)		Description SCHEMA IMPIANTO PNEUMATICO IVECO 260S 280X EBS2 Y/P/PS/PT/FP/FS-D/GV/CM 6x2 IN ALLESTIMENTO 8X2 (1+3) - SENZA SOLLEVATORE		Code 25.01.20.0031		Drawing 25.01.20.0031	
S.T. System Truck S.p.A. via Paesa, 28 - I 46048 Roverbella (MN) tel. +39 0376 696809 www.sftsystemtruck.com		Sheet 2/6		Format A3					

- Rev.
- 5 - Aggiunti fogli 3/6 e 4/6 versione HI TRACTION - 31/10/23 E.R.
 - 4 - Aggiornato cartiglio, Aggiunto foglio 4 - 13/07/20 F.M.
 - 3 - Aggiunte misure breake chambers assali originali in alternativa 18/06/18 P.M.
 - 2 - Modifica impianto frenante (alimentazione relè n°32) - 20/02/15 P.T.
 - 1 - Modificato cartiglio - 12/01/15 P.T.

F

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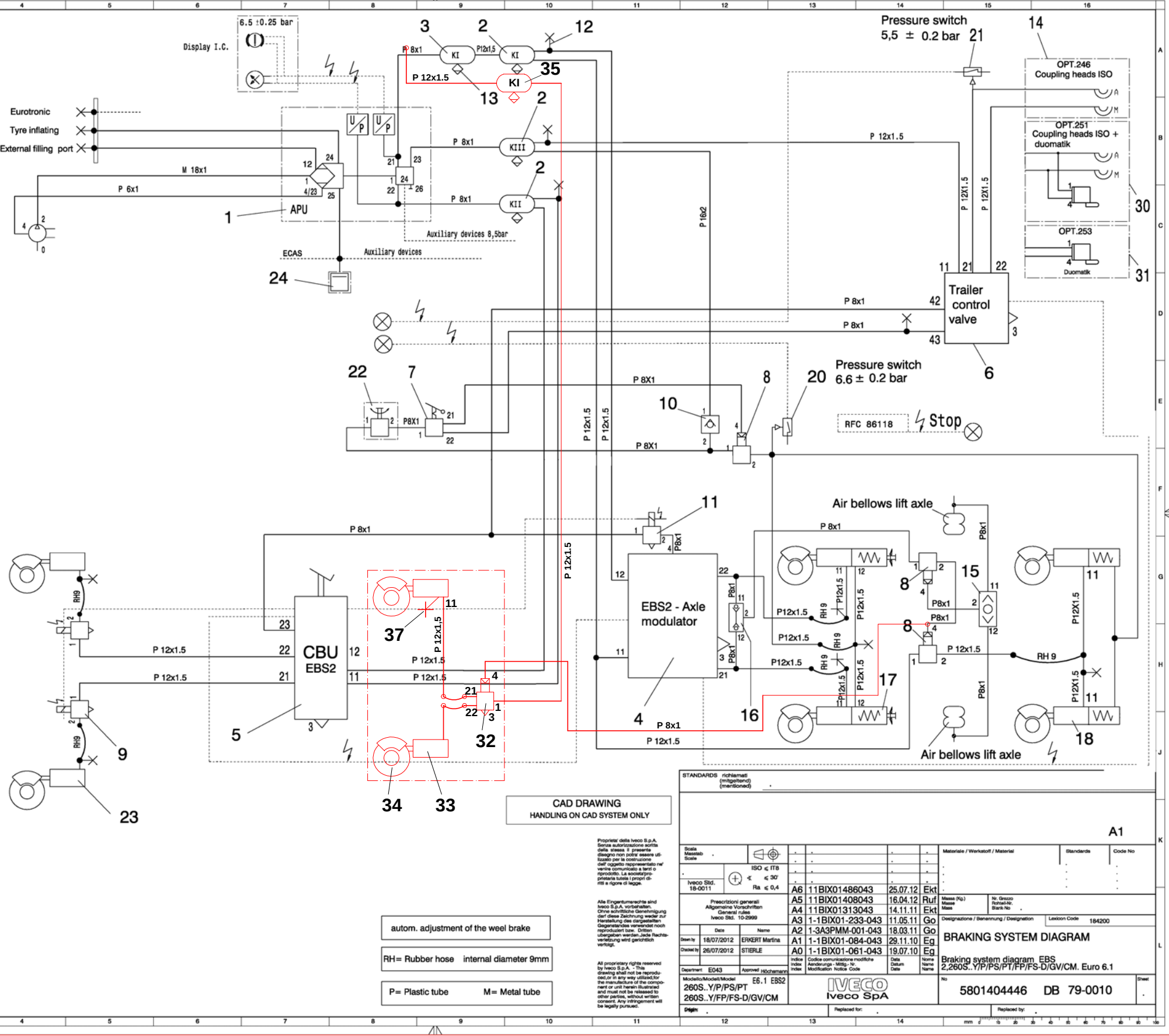
D

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B

A

Denomination	
1	APU (Air Processing Unit) 11 bar
	Pressure controller
	Operating range 0,8bar+0,7bar
	Cut- off pressure 11±0,2bar
Four circuit protection valve	Air suspens. controller
	Operating pressure Port 25 9,3 - 11,2 bar
	Opening pressure Port 21,22 7,5+0,3bar
	Port 23,24,26 7,5 ^{+0,1} _{-0,2} bar
Four circuit protection valve	Static closing pressure Port 21,22 6,5±0,25 bar
	Port 23,24,26 5,9±0,25bar
	Operating pressure Port 21,22 9,3 - 11,2 bar
	Port 23,24, 8,5-0,3 bar
Four circuit protection valve	Port 26 8,5-0,5bar
	APU (Air Processing Unit) 12,5 bar
	Pressure controller
	Operating range 1,0bar+0,6bar
Four circuit protection valve	Air suspens. controller
	Operating pressure Port 25 10,7 - 12,7 bar
	Opening pressure Port 21,22 7,4+0,3bar
	Port 23,24,26 7,4 ^{+0,1} _{-0,2} bar
Four circuit protection valve	Static closing pressure Port 21,22 6,5±0,25 bar
	Port 23,24,26 5,9±0,25 bar
	Operating pressure Port 21,22 10,4-0,4 bar
	Port 23,24, 8,5-0,3 bar
Four circuit protection valve	Port 26 8,5-0,5bar
	2 Air tank 20L
	3 Air tank 30L
	4 EBS - Axle modulator
	5 CBU EBS2 (Central Brake Unit)
	6 Trailer control valve
	7 Hand brake valve
	8 Relay valve
	9 A.B.S. solenoid valve
	10 Check- valve
	11 Solenoid- valve
	12 Test coupling
	13 Drain valve
	14 Coupling heads
	15 Two- way valve
	16 Double cut-off valve
	17 Spring brake cylinder 20/24"
	18 Brake chamber 12/16" oppure 14/16"
	20 Pressure switch 6.6 ± 0.2 bar
	21 Pressure switch 5.5±0.2 bar
	22 3/2- Directional control valve (Optional)
	23 Brake cylinder 24" oppure 30"
	24 Overpressure valve 14 bar (Optional)
	30 Coupling heads ISO + duomatik
	31 Coupling heads duomatik



Parti aggiunte per allestimento 8x2 (1+3)	
Pos.	Denominazione
32	Valvola relè
33	Cilindro freno 12"
34	Freno a disco SN7
35	Serbatoio aria 20L
36	Selettore massima pressione
37	Presa controllo pressione

Schema impianto frenante - con sezione rimorchio e freno di stazionamento su terzo e quarto asse

Tightening tolerance - I004		ISO 2768 - ---- Tolerancing ISO 8015		Author P. TOPPANO		Date 04/09/2014		Scale 1:1	
		All proprietary rights reserved by S.T. System Truck S.p.A. The reproduction, distribution and utilisation of this document as well as the communication of its content to others without express authorisation is prohibited (see ISO 16016:2016)		Description SCHEMA IMPIANTO PNEUMATICO IVECO 260S 280X EBS2 Y/P/PS/FP/FS-D/GV/CM HI TRACTION 6x2 IN ALLESTIMENTO 8X2 (1+3) - SENZA SOLLEVATORE		Code 25.01.20.0031		Drawing 25.01.20.0031	
S.T. System Truck S.p.A. via Paesa, 28 - I 46048 Roverbella (MN) tel. +39 0376 696809 www.sftsystemtruck.com		Modello/Model/Model 260S..Y/P/PS/PT 260S..Y/FP/FS-D/GV/CM		Design 18/07/2012 26/07/2012 29/11/10 19/07/10		Sheet 3/6		Format A3	

- 5 - Aggiunti fogli 3/6 e 4/6 versione HI TRACTION - 31/10/23 E.R.
- 4 - Aggiornato cartiglio, Aggiunto foglio 4 - 13/07/20 F.M.
- 3 - Aggiunte misure breake chambers assali originali in alternativa 18/06/18 P.M.
- 2 - Modifica impianto frenante (alimentazione relè n°32) - 20/02/15 P.T.
- 1 - Modificato cartiglio - 12/01/15 P.T.

F

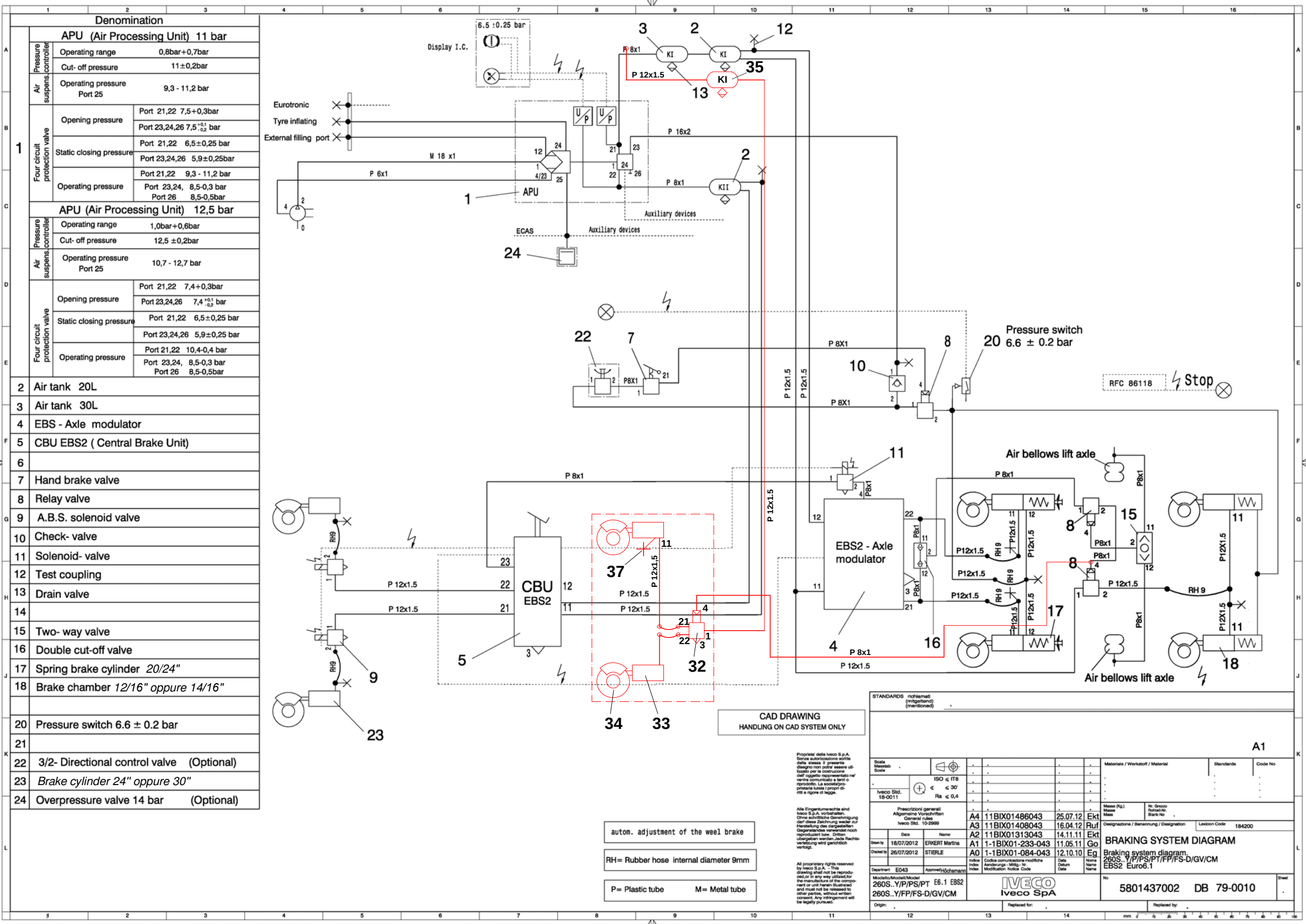
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Parti aggiunte per allestimento 8x2 (1+3)	
Pos.	Denominazione
32	Valvola relè
33	Cilindro freno 12"
34	Freno a disco SN7
35	Serbatoio aria 20L
36	Selettore massima pressione
37	Presa controllo pressione

Schema impianto frenante - senza sezione rimorchio
e freno di stazionamento su terzo e quarto asse

Tightening tolerance - I004		ISO 2768 - ---- Tolerancing ISO 8015		Author P. TOPPANO		Date 04/09/2014				Scale 1:1	
 S.T. System Truck S.p.A. via Paesa, 28 - I 46048 Roverbella (MN) tel. +39 0376 696809 www.stsystemtruck.com		Description SCHEMA IMPIANTO PNEUMATICO IVECO 260S 280X EBS2 Y/P/PS/FP/FS-D/GV/CM HI TRACTION 6x2 IN ALLESTIMENTO 8X2 (1+3) - SENZA SOLLEVATORE									
		Code 25.01.20.0031			Drawing 25.01.20.0031			Sheet 4/6		Format A3	

- 5 - Aggiunti fogli 3/6 e 4/6 versione HI TRACTION - 31/10/23 E.R.
- 4 - Aggiornato cartiglio, Aggiunto foglio 4 - 13/07/20 F.M.
- 3 - Aggiunte misure breake chambers assali originali in alternativa 18/06/18 P.M.
- 2 - Modifica impianto frenante (alimentazione relè n°32) - 20/02/15 P.T.
- 1 - Modificato cartiglio - 12/01/15 P.T.

F

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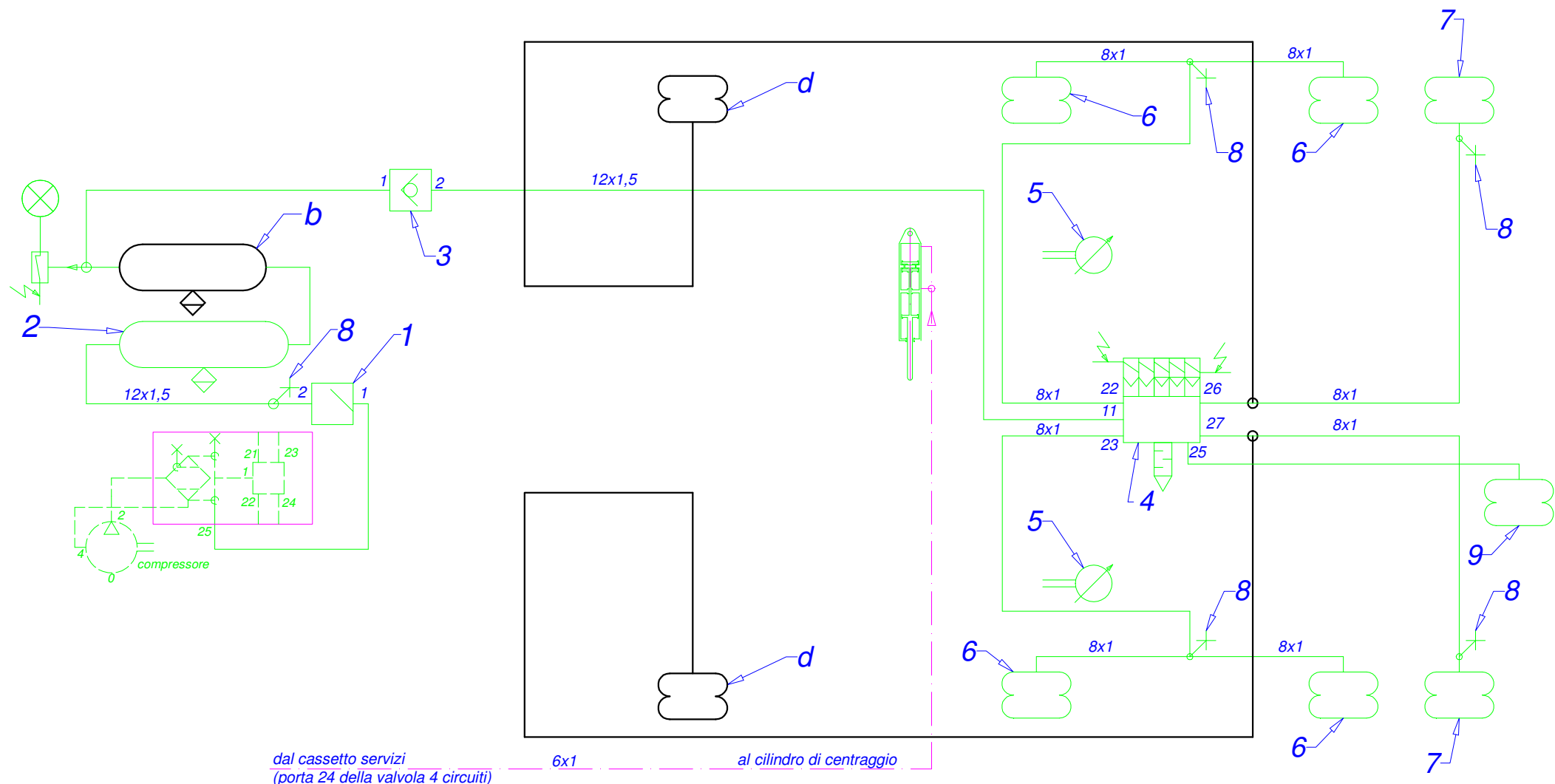
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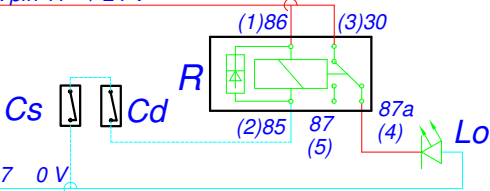
dal cassetto servizi
(porta 24 della valvola 4 circuiti)

6x1

al cilindro di centraggio

USURA FRENI DEL 2° ASSE

ST14A pin 11 + 24 V



LEGENDA

R - Relé con diodo - N.C., Lo acceso, con pattini usurati -
Cs - Contatto su pinza freno sinistra (contatto aperto con pattini usurati)
Cd - Contatto su pinza freno destra (contatto aperto con pattini usurati)
Lo - Led rosso di segnalazione usura freni

LEGENDA

- 1 - Valvola presa aria con ritorno limitato
- 2 - Serbatoio aria 30 l (approvato CE) con valvola manuale di spurgo condensa
- 3 - Valvola di ritenuta
- 4 - Distributore elettropneumatico
- 5 - Sensore di posizione (livellatore)
- 6 - Molla ad aria sospensione asse motore
- 7 - Molla ad aria sospensione asse posteriore
- 8 - Presa per controllo pressione
- 9 - Molla ad aria sollevatore asse posteriore

Parti aggiunte per allestimento 8x2 1+3
a - Serbatoio aria 30 l - approvato CE
d - Molla ad aria sospensione 2° asse

L'impianto è dotato di
traspositore di carico sul
4° asse (originale) e sul 2°
asse (comandato
direttamente dal 4° asse).

— impianto pneumatico originale del veicolo
— impianto aggiunto: tubazione pneumatica
— impianto aggiunto: cavo elettrico + 24V
— impianto aggiunto: cavo elettrico - massa

Schema sospensioni e servizi - connessione al 4° asse posteriore

Tightening tolerance - I004	ISO 2768 - ---- Tolerancing ISO 8015	Author P. TOPPANO	Date 04/09/2014	Scale 1:1
 S.T. System Truck S.p.A. via Paesa, 28 - I 46048 Roverbella (MN) tel. +39 0376 696809 www.sftsystemtruck.com				
Description SCHEMA IMPIANTO PNEUMATICO IVECO 260S 280X EBS2 Y/P/PS/FP/FS-D/GV/CM 6x2 IN ALLESTIMENTO 8X2 (1+3) - SENZA SOLLEVATORE				
Code 25.01.20.0031	Drawing 25.01.20.0031	Sheet 5/6	Format A3	

E24*13R11/18*0056*04

5 - Aggiunti fogli 3/6 e 4/6 versione HI TRACTION - 31/10/23 E.R.

4 - Aggiornato cartiglio, Aggiunto foglio 4 - 13/07/20 F.M.

3 - Aggiunte misure breke chambers assali originali in alternativa 18/06/18 P.M.

2 - Modifica impianto frenante (alimentazione relè n°32) - 20/02/15 P.T.

1 - Modificato cartiglio - 12/01/15 P.T.

Rev.

Scale
1:1

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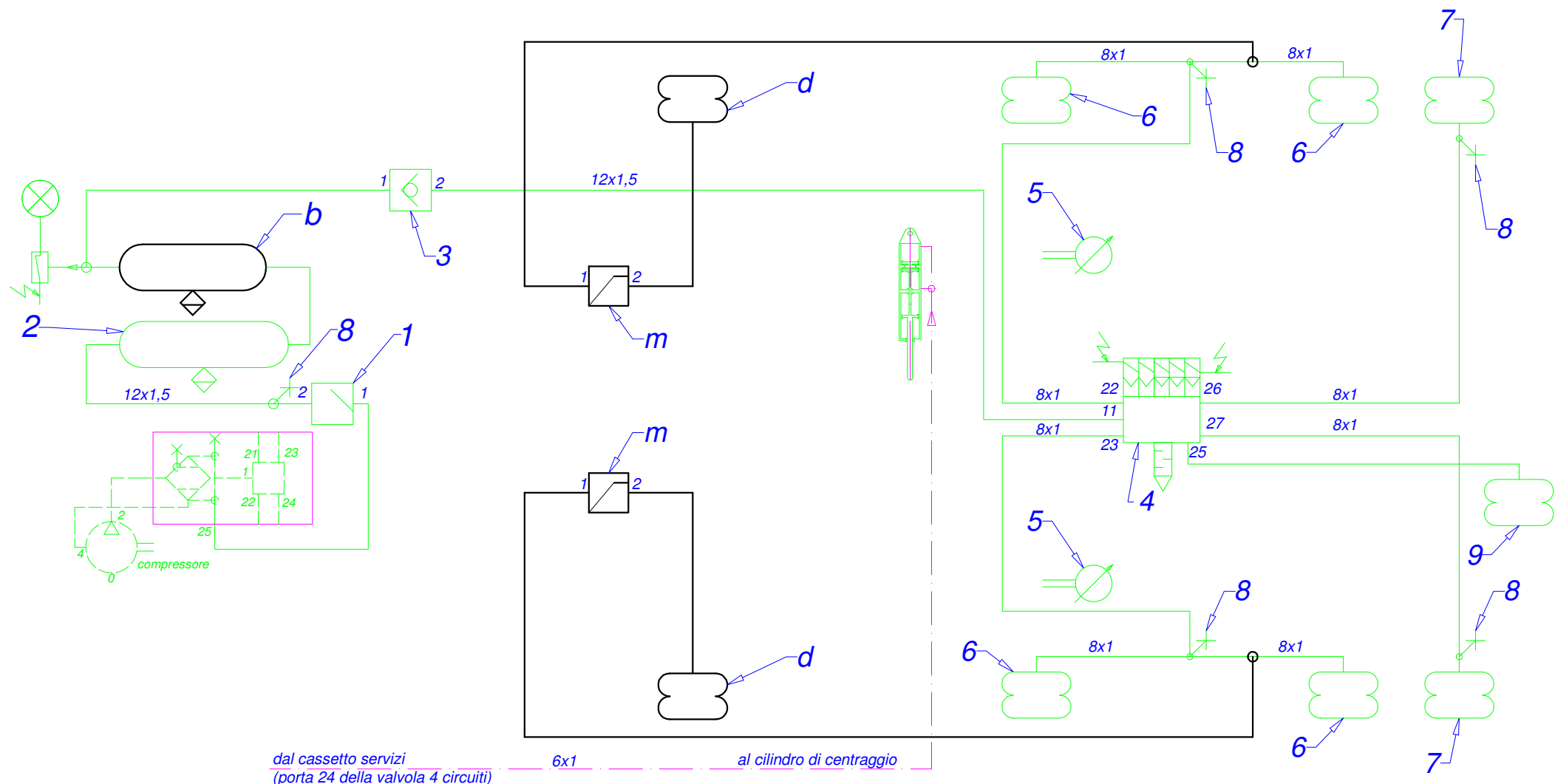
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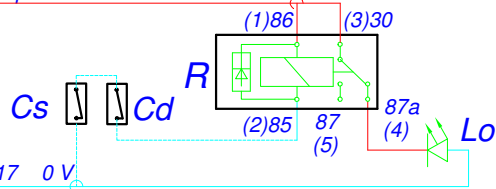
dal cassetto servizi
(porta 24 della valvola 4 circuiti)

6x1

al cilindro di centraggio

USURA FRENI DEL 2° ASSE

ST14A pin 11 + 24 V



LEGENDA

R - Relé con diodo - N.C., Lo acceso, con pattini usurati -
Cs - Contatto su pinza freno sinistra (contatto aperto con pattini usurati)
Cd - Contatto su pinza freno destra (contatto aperto con pattini usurati)
Lo - Led rosso di segnalazione usura freni

LEGENDA

- 1 - Valvola presa aria con ritorno limitato
- 2 - Serbatoio aria 30 l (approvato CE) con valvola manuale di spurgo condensa
- 3 - Valvola di ritenuta
- 4 - Distributore elettropneumatico
- 5 - Sensore di posizione (livellatore)
- 6 - Molla ad aria sospensione asse motore
- 7 - Molla ad aria sospensione asse posteriore
- 8 - Presa per controllo pressione
- 9 - Molla ad aria sollevatore asse posteriore

Parti aggiunte per allestimento 8x2 1+3
a - Serbatoio aria 30 l - approvato CE
d - Molla ad aria sospensione 2° asse
m - Valvola limitatrice - 7.5 bar

L'impianto è dotato di
traspositore di carico sul
4° asse (originale) e sul 2°
asse (comandato
direttamente dal 4° asse).

— impianto pneumatico originale del veicolo
— impianto aggiunto: tubazione pneumatica
— impianto aggiunto: cavo elettrico + 24V
— impianto aggiunto: cavo elettrico - massa

Schema sospensioni e servizi - connessione al ponte motore

Tightening tolerance - I004	ISO 2768 - ---- Tolerancing ISO 8015	Author P. TOPPANO	Date 04/09/2014	Scale 1:1
 S.T. System Truck S.p.A. via Paesa, 28 - I 46048 Roverbella (MN) tel. +39 0376 696809 www.sftsystemtruck.com				
Description SCHEMA IMPIANTO PNEUMATICO IVECO 260S 280X EBS2 Y/P/PS/FP/FS-D/GV/CM 6x2 IN ALLESTIMENTO 8X2 (1+3) - SENZA SOLLEVATORE				
Code 25.01.20.0031	Drawing 25.01.20.0031	Sheet 6/6	Format A3	

E24*13R11/18*0056*04

5 - Aggiunti fogli 3/6 e 4/6 versione HI TRACTION - 31/10/23 E.R.

4 - Aggiornato cartiglio, Aggiunto foglio 4 - 13/07/20 F.M.

3 - Aggiunte misure breke chambers assali originali in alternativa 18/06/18 P.M.

2 - Modifica impianto frenante (alimentazione relè n°32) - 20/02/15 P.T.

1 - Modificato cartiglio - 12/01/15 P.T.

Rev.

Scale

