



# NSAI

## ECE TYPE-APPROVAL CERTIFICATE



Communication concerning:<sup>2</sup>

|                                                 |
|-------------------------------------------------|
| Approval granted                                |
| <del>Approval extended</del>                    |
| <del>Approval refused</del>                     |
| <del>Approval withdrawn</del>                   |
| <del>Production definitively discontinued</del> |

of a vehicle type with regard to steering equipment pursuant to Regulation No. 79.

Approval No: **E24\*79R02/01\*0059\*00**

Reason(s) for extension: **N/A**

- |     |                                                                   |                                                                                                 |
|-----|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 1.  | Trade name or mark of vehicle:                                    | <b><i>Iveco / System Truck</i></b>                                                              |
| 2.  | Vehicle Type:                                                     | <b><i>ST 5P MS34Y 79R</i></b>                                                                   |
|     | Variant(s):                                                       | <b><i>See information document<br/>ST_5P_MS34Y_79R_00 for details</i></b>                       |
|     | Commercial description:                                           | <b><i>See information document point 0.2.1.</i></b>                                             |
| 3.  | Manufacturer's name and address:                                  | <b><i>S.T. System Truck S.p.A.<br/>Via Paesa, 28<br/>IT-46048 Roverbella (MN)<br/>Italy</i></b> |
| 4.  | If applicable, name and address of manufacturer's representative: | <b><i>N/A</i></b>                                                                               |
| 5.  | Brief description of the steering equipment:                      |                                                                                                 |
| 5.1 | Type of steering equipment:                                       | <b><i>Power assisted steering</i></b>                                                           |
| 5.2 | Steering Control:                                                 | <b><i>Steering wheel</i></b>                                                                    |
| 5.3 | Steering Transmission:                                            | <b><i>Mechanical</i></b>                                                                        |

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- 5.4 Steered Wheels: **1<sup>st</sup>, 2<sup>nd</sup> and 5<sup>th</sup> axle**
- 5.5 Energy Source: **Hydraulic assistance**
6. Results of tests, vehicle characteristics:
- 6.1 Steering effort required to achieve a turning circle of 12m radius with an intact system and 20m radius with a system in the failed condition:
- 6.1.1 Under normal conditions:

| Turning circle | Steering effort |                |
|----------------|-----------------|----------------|
| 12 m radius    | Limit [daN]     | Measured [daN] |
| <b>Left</b>    | <b>20</b>       | <b>8.5</b>     |
| <b>Right</b>   | <b>20</b>       | <b>7</b>       |

- 6.1.2 After failure of special equipment:

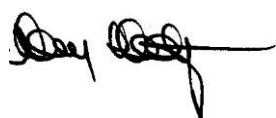
| Turning circle | Steering effort |                |
|----------------|-----------------|----------------|
| 20 m radius    | Limit [daN]     | Measured [daN] |
| <b>Left</b>    | <b>45</b>       | <b>27.5</b>    |
| <b>Right</b>   | <b>45</b>       | <b>26</b>      |

- 6.2 Other tests required by this regulation (pass/fail): **Pass**
- 6.3 Adequate documentation in accordance with Annex 6 was supplied in respect of the following parts of the steering system: **N/A**
7. Applicable only to towing vehicles
- 7.1. The towing vehicle is / is not<sup>1</sup> equipped with an electrical connector fulfilling the relevant requirements of Annex 7: **N/A**
- 7.2. The maximum current available is: **N/A**
8. Applicable only to trailers
- 8.1. The steering system of the trailer fulfils the relevant provisions of Annex 7 to UN Regulation No. 79: **Yes/No**
- 8.2. The maximum current required for the trailer steering system is **N/A**
- 8.3. The trailer steering system is/is not<sup>2</sup> able to supply auxiliary equipment on the trailer with electrical energy: **N/A**

<sup>1</sup> Strike out what does not apply.

Approval No: E24\*79R02/01\*0059\*00

9. Vehicle submitted for approval on: **12.03.2021**
10. Technical service responsible for conducting approval tests: **FAKT S.r.l.,  
Via Lithos, 53  
I-25086 Rezzato (BS)  
Italy**
11. Date of report issued by that service: **09.03.2021**
12. Number of report issued by that service: **IT21/0230 - 00**
13. Approval granted/~~extended/refused/withdrawn~~:<sup>2</sup> **Granted**
14. Position of the approval mark on the vehicle: **Adhesive plate on the front wall behind radiator grill**
15. Place: **Dublin**
16. Date: **7<sup>th</sup> April, 2021**

17. Signature: 



18. Annexed to this communication is a list of documents in the approval file deposited at the administration services having delivered the approval and which can be obtained on request.

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<sup>2</sup> Distinguishing number of the country which has granted/extended/refused/withdrawn approval (see approval provisions in the Regulation).



Approval No: **E24\*79R02/01\*0059\*00**

## **Index to the Information Package**

|                                                                     |                                          |
|---------------------------------------------------------------------|------------------------------------------|
| Date of issue:                                                      | <b><i>7<sup>th</sup> April, 2021</i></b> |
| Date of latest amendment:                                           | <b><i>N/A</i></b>                        |
| Reason for extension/revision:                                      | <b><i>N/A</i></b>                        |
| 1. Additional conditions, and advisory notes on legal alternatives. |                                          |
| 2. Test report(s)                                                   |                                          |
| - numbers(s):                                                       | <b><i>IT21/0230 - 00</i></b>             |
| - date of issue:                                                    | <b><i>09.03.2021</i></b>                 |
| - date of latest amendment:                                         | <b><i>N/A</i></b>                        |
| 3. Information document                                             |                                          |
| - number(s):                                                        | <b><i>ST_5P_MS34Y_79R_00</i></b>         |
| - date of issue:                                                    | <b><i>01.02.2021</i></b>                 |
| - date of latest amendment:                                         | <b><i>N/A</i></b>                        |
| Documentation:                                                      | <b><i>31 pages</i></b>                   |



Approval No: E24\*79R02/01\*0059\*00

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.: IT21/0230 - 00  
UN-R79-02

Type: ST 5P MS34Y 79R

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



## Test Report

### No. IT21/0230 Vers. 00

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 with regard to steering equipment

**UN-R79**

of **01.06.1970**

as last amended by

**series of amendments 02 – Supplement 01**

of **16.10.2018**

#### Approval status

|                                     |                                                                             |
|-------------------------------------|-----------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | Granting of a type approval No. E24*79R02/01*0059*00 (Allocated in advance) |
| <input type="checkbox"/>            | Extension to type approval no. ...                                          |
| <input type="checkbox"/>            | Correction to type approval no. ...                                         |
| <input type="checkbox"/>            | Documentation of test results                                               |

#### Structure of the Test Report:

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

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Test Report No.: IT21/0230 - 00  
UN-R79-02

Type: ST 5P MS34Y 79R

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

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## **0 General**

- 0.1 Make : Iveco / System Truck
- 0.2 Type : ST 5P MS34Y 79R
- 0.2.1 Variant(s)/version(s) : See information document
- 0.2.2 Commercial name(s) : See information document point 0.2.1.
- 0.3 Category of vehicle : N3
- 0.4 Name and address of the manufacturer : S.T. System Truck S.p.A.  
Via Paesa, 28  
IT-46048 Roverbella (MN)
- 0.4.1 For multi-stage approved vehicles, company name and address of the manufacturer of the base/previous stage(s) vehicle: : Iveco Magirus AG  
DE-89070 Ulm
- 0.5 Information folder :  
Information document
- No : ST\_5P\_MS34Y\_79R\_00
- Date of issue : 01.02.2021
- Date of last change : not applicable
- 0.6 List of modifications : not applicable (basic test report)

Test Report No.: IT21/0230 - 00  
UN-R79-02

Type: ST 5P MS34Y 79R

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



## 1 Test vehicle(s)/ - object(s):

- 1.1 Description: : representative vehicle
- 1.1.1 Type: : ST 5P MS34Y 79R  
Variant: : 4C1622  
Version: : DAAECW13ND2DSN B  
VIN (Stage 1): : WJMJ63MWZMC441695
- 1.1.2 Gear box type: : 12TX 2620 TD  
No. of gears: : 12
- 1.1.3 Number and arrangement of axles: : 5; 1<sup>st</sup> steering / non powered axle  
2<sup>nd</sup> steering / non powered axle  
3<sup>rd</sup> fixed / powered axle  
4<sup>th</sup> fixed / powered axle  
5<sup>th</sup> steering (ASE) / non powered axle
- 1.1.4 Wheelbase(s): : 1-2: 1875 mm  
2-3: 4325 mm  
3-4: 1395 mm  
4-5: 1410 mm
- 1.1.5 Tyres  
1<sup>st</sup> axle : 315/80 R22,5 (single)  
2<sup>nd</sup> axle : 315/80 R22,5 (single)  
3<sup>rd</sup> axle : 315/80 R22,5 (twin)  
4<sup>th</sup> axle : 315/80 R22,5 (twin)  
5<sup>th</sup> axle : 385/65 R22,5 (single)
- 1.1.6 Kind of suspension: : 1<sup>st</sup> mechanical  
2<sup>nd</sup> mechanical  
3<sup>rd</sup> pneumatic  
4<sup>th</sup> pneumatic  
5<sup>th</sup> pneumatic
- 1.1.7 Engine  
Manufacturer: : FPT Industrial S.p.A.  
Type: : F3HGE611A\*N



Test Report No.: IT21/0230 - 00  
UN-R79-02

Type: ST 5P MS34Y 79R

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



#### 1.1.8 Steering

Type of steering transmission : steering wheel connected by a universal joint shaft to the steering gear-box which transmits the steering force to the front wheels (1<sup>st</sup>, 2<sup>nd</sup> and 5<sup>th</sup> axle) through leverages and articulated joints

Linkage to wheels : Mechanical

Method of assistance : balls circulation hydraulic steering (Type ZF8099)

#### 1.1.9 Mass of vehicle during test(s)

|                       | laden<br>(series of test A) | laden<br>(series of test B) |
|-----------------------|-----------------------------|-----------------------------|
| Total:                | 46390 kg                    | 46390 kg                    |
| 1 <sup>st</sup> axle: | 9040 kg                     | 6850 kg                     |
| 2 <sup>nd</sup> axle: | 9070 kg                     | 6840 kg                     |
| 3 <sup>rd</sup> axle: | 9650 kg                     | 11350 kg                    |
| 4 <sup>th</sup> axle: | 9680 kg                     | 11320 kg                    |
| 5 <sup>th</sup> axle: | 8950 kg                     | 10030 kg                    |

1.1.10 Maximum speed: : 90 km/h

## 2 Test record

2.1 Place of test : IT-Roverbella (MN)

Date of test : series of tests A-B: 09.03.2021

### 2.2 Parameter of the test area

Test track : Asphalt & concrete dry, ceramic tiles wet

Air temperature : series of tests A-B: 12 °C

Velocity of wind : < 2,5m/s

2.3 Equipment for measuring and testing : The equipment on which the tests were carried out, fulfilled the requirements of the above-mentioned Regulation.

## 2.4 Test results

### Series of tests A-B

- |       |                                                                                                                                         |                                                                                                                                                                                                         |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.4.1 | General provisions                                                                                                                      | : Fulfilled<br>(see also point 2.4.7.)                                                                                                                                                                  |
| 2.4.2 | Special provisions for trailers                                                                                                         | : Not applicable                                                                                                                                                                                        |
| 2.4.3 | Failure provisions and performance                                                                                                      | : Fulfilled<br>(see also point 2.4.7.)                                                                                                                                                                  |
| 2.4.4 | Warning signals                                                                                                                         | : Fulfilled                                                                                                                                                                                             |
| 2.4.5 | Provisions for the periodic technical inspection of steering equipment                                                                  | : Fulfilled                                                                                                                                                                                             |
| 2.4.6 | Provisions for ACSF                                                                                                                     | : Not applicable (vehicle not equipped with an ACSF)                                                                                                                                                    |
| 2.4.7 | Provisions for motor vehicles                                                                                                           |                                                                                                                                                                                                         |
|       | It shall be possible to leave a curve with a radius of 50 m at a tangent without unusual vibration in the steering equipment at 40 km/h | : Fulfilled                                                                                                                                                                                             |
|       | Steering effort                                                                                                                         | : Series of tests A                                                                                                                                                                                     |
|       | Intact steering equipment                                                                                                               | : Turning radius: 12m<br>Steering control effort to the right: 85N<br>Steering control time to the right: 3.2s<br>Steering control effort to the left: 70N<br>Steering control time to the left: 3.3s   |
|       | Failure in the steering equipment                                                                                                       | : Turning radius: 20m<br>Steering control effort to the right: 275N<br>Steering control time to the right: 3.4s<br>Steering control effort to the left: 260N<br>Steering control time to the left: 3.6s |

Test Report No.: IT21/0230 - 00  
UN-R79-02

Type: ST 5P MS34Y 79R

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



2.4.8 Additional provisions for vehicles : Series of tests B:  
equipped with ASE Fulfilled

2.5 Remarks : not applicable

### 3 Enclosures:

1. Further enclosures : Not applicable

### 4 Statement of conformity:

The information folder as mentioned under No. 0.5 and the type described therein are - i n c o m p l i a n c e - with the Test Specification mentioned above.

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 6.  
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## TEST LABORATORY

Rezzato, 09.03.2021  
aa/ah

File No.:



PR-21/0050

A blue ink signature, appearing to read "A. Adami", written over a light blue circular stamp.

A. Adami  
Test engineer



E-Mail: [aadami@fakt.it](mailto:aadami@fakt.it)  
Tel: +39-030-2592700  
Fax: +39-030-2590395



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**INDICE DEL FASCICOLO DI OMOLOGAZIONE**  
**INDEX TO THE INFORMATION PACKAGE**

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|                                                                                                                                           |                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Veicolo:<br><i>Vehicle:</i>                                                                                                               | Autotelaio per autoveicolo<br><i>Chassis without bodywork</i>                                                                                    |
| Categoria del veicolo:<br><i>Category of vehicle:</i>                                                                                     | N3                                                                                                                                               |
| Nome e indirizzo del costruttore:<br><i>Name and address of manufacturer:</i>                                                             | (fase 1) Iveco Magirus AG<br>(stage 1) D-89070 Ulm<br><br>(fase 2) S.T. System Truck S.p.A.<br>(stage 2) I-46048 Roverbella (MN) - Via Paesa, 28 |
| Nome e indirizzo dell'eventuale rappresentante del costruttore:<br><i>Name and address of the manufacturer's representative (if any):</i> | non ricorre<br><i>not applicable</i>                                                                                                             |
| Nome e indirizzo del trasformatore:<br><i>Name and address of converter:</i>                                                              | S.T. System Truck S.p.A.<br>I-46048 Roverbella (MN) - Via Paesa, 28                                                                              |
| Marca (denominazione commerciale del costruttore):<br><i>Make (trade name of manufacturer):</i>                                           | Iveco / System Truck                                                                                                                             |
| Tipo:<br><i>Type:</i>                                                                                                                     | ST 5P MS34Y 79R                                                                                                                                  |

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|                                                                                            |                    |                                  |                  |            |
|--------------------------------------------------------------------------------------------|--------------------|----------------------------------|------------------|------------|
| Scheda informativa:<br><i>Information document:</i>                                        | ST_5P_MS34Y_79R_00 |                                  | del<br><i>of</i> | 01.02.2021 |
| chiave interpretazione varianti e versioni<br><i>variants and versions explanation key</i> | ST_5P_MS34Y_79R_00 | allegato 0.0<br><i>annex 0.0</i> | del<br><i>of</i> | 01.02.2021 |
| combinazioni possibili<br><i>permissible combination</i>                                   | ST_5P_MS34Y_79R_00 | allegato 0.1<br><i>annex 0.1</i> | del<br><i>of</i> | 01.02.2021 |
| masse e dimensioni<br><i>masses and dimensions</i>                                         | ST_5P_MS34Y_79R_00 | allegato 1<br><i>annex 1</i>     | del<br><i>of</i> | 01.02.2021 |
| sospensione<br><i>suspension</i>                                                           | ST_5P_MS34Y_79R_00 | allegato 2<br><i>annex 2</i>     | del<br><i>of</i> | 01.02.2021 |

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|                                                                                              |                                                  |                           |                  |            |
|----------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------|------------------|------------|
| Disegni allegati:<br><i>Attachment drawings:</i>                                             |                                                  |                           |                  |            |
| disegno complessivo:<br><i>overall drawing:</i>                                              | 55.01.00.0124                                    | rev.0<br><i>rev.0</i>     | del<br><i>of</i> | 10.02.2020 |
| impianto pneumatico sospensioni:<br><i>suspension pneumatic layout:</i>                      | 25.01.05.0059 fogli 2 e 3<br><i>page 2 and 3</i> | rev. 3<br><i>rev. 3</i>   | del<br><i>of</i> | 17.02.2021 |
| disegno sospensione asse aggiunto:<br><i>added axle suspension drawing:</i>                  | 10.01.00.0036                                    | rev. 0<br><i>rev. 0</i>   | del<br><i>of</i> | 30.01.2017 |
| disegno sospensione asse aggiunto:<br><i>added axle suspension drawing:</i>                  | 10.01.00.0049                                    | rev. 0<br><i>rev. 0</i>   | del<br><i>of</i> | 07.02.2019 |
| schemi dell'asse o degli assi sterzanti:<br><i>steering system diagram:</i>                  | 5802287105                                       | rev. A0<br><i>rev. A0</i> | del<br><i>of</i> | 11.2015    |
| schema complessivo dell'equipaggiamento sterzo:<br><i>diagram of the steering equipment:</i> | 5802037500                                       | rev. A1<br><i>rev. A1</i> | del<br><i>of</i> | 10.11.2017 |
| schema sterzata S.T. "Technology":<br><i>S.T. "Technology" steering system diagram:</i>      | 30000001                                         | rev. 4<br><i>rev. 4</i>   | del<br><i>of</i> | 08.06.2004 |

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## SCHEDA INFORMATIVA INFORMATION DOCUMENT

N°  
Nr  
del  
of

ST\_5P\_MS34Y\_79R\_00  
01.02.2021

### INDICE INDEX

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| 2. | <b>MASSE E DIMENSIONI</b><br><i>MASSSES AND DIMENSIONS</i>                                                            | pag. 3<br><i>page 3</i>     |
| 6. | <b>SOSPENSIONI</b><br><i>SUSPENSION</i>                                                                               | pag. 4<br><i>page 4</i>     |
| 7. | <b>STERZO</b><br><i>STEERING</i>                                                                                      | pag. 5<br><i>page 5</i>     |
|    | <b>CHIAVE INTERPRETAZIONE VARIANTI E VERSIONI</b><br><i>VARIANTS AND VERSIONS EXPLANATION KEY</i>                     | All. 0.0<br><i>Ann. 0.0</i> |
|    | <b>COMBINAZIONI POSSIBILI</b><br><i>PERMISSIBLE COMBINATION</i>                                                       | All. 0.1<br><i>Ann. 0.1</i> |



## SCHEDA INFORMATIVA INFORMATION DOCUMENT

N°  
Nr ST\_5P\_MS34Y\_79R\_00  
del  
of 01.02.2021

### 0. DATI GENERALI GENERAL

- 0.1. Marca (denominazione commerciale del costruttore):  
Make (trade name of manufacturer): Iveco / System Truck  
Iveco / System Truck
- 0.2. Tipo:  
Type: ST 5P MS34Y 79R  
ST 5P MS34Y 79R
- Varianti:  
Variants: vedere allegato n° 0.0  
see annex Nr. 0.0
- Versioni:  
Versions: vedere allegato n° 0.0  
see annex Nr. 0.0
- 0.3. Mezzi di identificazione del tipo, se marcati sul veicolo:  
Means of identification of type, if marked on the vehicle: numero di omologazione del tipo su targhetta  
type approval number on manufacturer's plate
- 0.3.1. Posizione della marcatura:  
Location of that marking: su targhetta VIN  
on VIN plate
- 0.4. Categoria del veicolo:  
Category of vehicle: N3  
N3
- 0.5. Nome della società e indirizzo del costruttore:  
Company name and address of manufacturer: S.T. System Truck S.p.A.  
I-46048 Roverbella (MN) - Via Paesa, 28
- 0.5.1. Per i veicoli omologati in più fasi, ragione sociale e indirizzo del fabbricante del veicolo nella fase iniziale / precedente:  
For multi-stage approved vehicles, company name and address of the manufacturer of the base / previous stage(s) vehicle: Iveco Magirus AG  
D-89070 Ulm
- 0.8. Denominazione/i e indirizzo/i dello/gli stabilimento/i di montaggio:  
Name(s) and address(es) of assembly plant(s): S.T. System Truck S.p.A.  
I-46048 Roverbella (MN) - Via Paesa, 28
- 0.9. Denominazione e indirizzo dell'(eventuale) rappresentante del costruttore:  
Name and address of the manufacturer's representative (if any): non ricorre  
not applicable
- 0.10. Posizione e modalità di fissaggio del marchio di omologazione sul veicolo:  
Location and method of attachment of approval mark on the vehicle: targhetta adesiva su parete frontale, dietro griglia radiatore  
adhesive plate on the front wall behind radiator grill

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

- 1.1. Fotografie e/o disegni di un veicolo rappresentativo: 55.01.00.0124 rev.0 del 10.02.2020  
Photographs and/or drawings of a representative vehicle: 55.01.00.0124 rev.0 of 10.02.2020



Fotografia ¾ anteriore  
Photo ¾ front



Fotografia ¾ posteriore  
Photo ¾ rear

varianti - versioni:  
variants - versions:

4C1622 - ??????????????? ?



## SCHEDA INFORMATIVA INFORMATION DOCUMENT

N°  
Nr ST\_5P\_MS34Y\_79R\_00  
del  
of 01.02.2021

|          |                                                                                                                                                                            |                                                                                 |                 |                                                                                |                                     |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------|-------------------------------------|
| 1.3.     | Numero di assi e di ruote:<br><i>Number of axles and wheels:</i>                                                                                                           | 5                                                                               | assi,<br>axles, | 14 ruote<br>14 wheels                                                          |                                     |
| 1.3.1.   | Numero e posizione degli assi a ruote gemellate:<br><i>Number and position of axles with twin wheels:</i>                                                                  | 2                                                                               | assi,<br>axles, | 3° e 4° asse<br>3 <sup>rd</sup> and 4 <sup>th</sup> axle                       |                                     |
| 1.3.2.   | Numero e posizione degli assi sterzanti:<br><i>Number and position of steered axles:</i>                                                                                   | 3                                                                               | assi,<br>axles, | 1°, 2° e 5° asse<br>1 <sup>st</sup> , 2 <sup>nd</sup> and 5 <sup>th</sup> axle |                                     |
| 1.3.3.   | Assi motore (numero, posizione, interconnessione):<br><i>Powered axles (number, position, interconnection):</i>                                                            | 2                                                                               | assi,<br>axles, | 3° e 4° asse<br>3 <sup>rd</sup> and 4 <sup>th</sup> axle                       | albero di trasm.<br>propeller shaft |
| 1.8.     | Lato di guida:<br><i>Hand of drive:</i>                                                                                                                                    | a sinistra<br>left                                                              | oppure<br>or    | a destra<br>right                                                              |                                     |
| 2.       | <b>MASSE E DIMENSIONI</b> (in kg e mm)<br><b>MASSES AND DIMENSIONS</b> (in kg and mm)<br>(eventualmente con riferimento ai disegni)<br>(refer to drawing where applicable) |                                                                                 |                 |                                                                                |                                     |
| 2.1.     | Interasse o interassi (a pieno carico)<br><i>Wheelbase(s) (fully loaded)</i>                                                                                               | vedere allegato n°<br>see annex Nr. 1                                           |                 | 1                                                                              |                                     |
| 2.3.1.   | Carreggiata di ciascun asse sterzante:<br><i>Track of each steered axle:</i>                                                                                               | 1° e 2°: 2040 ÷ 2140 mm<br>1 <sup>st</sup> and 2 <sup>nd</sup> : 2040 ÷ 2140 mm |                 | 5°: 2038, 2045 o 2309 mm<br>5 <sup>th</sup> : 2038, 2045 or 2309 mm            |                                     |
| 2.4.     | Dimensioni (fuori tutto) del veicolo<br><i>Range of vehicle dimensions (overall)</i>                                                                                       |                                                                                 |                 |                                                                                |                                     |
| 2.4.1.   | Telai non carrozzati<br><i>For chassis without bodywork</i>                                                                                                                |                                                                                 |                 |                                                                                |                                     |
| 2.4.1.1. | Lunghezza:<br><i>Length:</i>                                                                                                                                               | max 12000 mm<br>max 12000 mm                                                    |                 |                                                                                |                                     |
| 2.4.1.2. | Larghezza:<br><i>Width:</i>                                                                                                                                                | max 2600 mm<br>max 2600 mm                                                      |                 |                                                                                |                                     |
| 2.4.1.4. | Sbalzo anteriore:<br><i>Front overhang:</i>                                                                                                                                | 1410 mm<br>1410 mm                                                              |                 |                                                                                |                                     |
| 2.4.1.5. | Sbalzo posteriore:<br><i>Rear overhang:</i>                                                                                                                                | 805 ÷ 2120 mm<br>805 ÷ 2120 mm                                                  |                 |                                                                                |                                     |
| 2.4.2.   | Telai carrozzati<br><i>For chassis with bodywork</i>                                                                                                                       |                                                                                 |                 |                                                                                |                                     |
| 2.4.2.1. | Lunghezza:<br><i>Length:</i>                                                                                                                                               | non ricorre<br>not applicable                                                   |                 |                                                                                |                                     |
| 2.4.2.2. | Larghezza:<br><i>Width:</i>                                                                                                                                                | non ricorre<br>not applicable                                                   |                 |                                                                                |                                     |
| 2.4.2.4. | Sbalzo anteriore:<br><i>Front overhang:</i>                                                                                                                                | non ricorre<br>not applicable                                                   |                 |                                                                                |                                     |
| 2.4.2.5. | Sbalzo posteriore:<br><i>Rear overhang:</i>                                                                                                                                | non ricorre<br>not applicable                                                   |                 |                                                                                |                                     |
| 2.8.     | Massa massima a pieno carico tecnicamente ammissibile dichiarata dal costruttore:<br><i>Technically permissible maximum laden mass stated by the manufacturer:</i>         | 41000 kg<br>41000 kg                                                            |                 |                                                                                |                                     |
| 2.9.     | Carico/massa massima tecnicamente ammissibile su ciascun asse:<br><i>Technically permissible maximum mass on each axle:</i>                                                | vedere allegato n° 1<br>see annex Nr. 1                                         |                 |                                                                                |                                     |



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- 2.10. Massa tecnicamente ammissibile su ciascun gruppo di assi:  
*Technically permissible mass on each group of axles:* vedere allegato n° 1  
*see annex Nr. 1*
6. **SOSPENSIONI**  
**SUSPENSION**
- 6.2. Tipo e modello della sospensione di ciascun asse o ruota:  
*Type and design of the suspension of each axle or wheel:* vedere disegno n° 25.01.05.0059 fogli 2 e 3  
rev. 3 del 17.02.2021  
*see drawing No. 25.01.05.0059 page 2 and 3 rev. 3 of 17.02.2021*
- 1°: sospensione meccanica, ammortizzatori idraulici  
*leaf suspension, hydraulic shock absorbers*
- 2°: sospensione meccanica, ammortizzatori idraulici  
*leaf suspension, hydraulic shock absorbers*
- 3°: sospensione pneumatica, ammortizzatori idraulici  
*air suspension, hydraulic shock absorbers*
- 4°: sospensione pneumatica, ammortizzatori idraulici  
*air suspension, hydraulic shock absorbers*
- 5°: vedere allegato n° 2  
*see annex Nr. 2*
- 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  
*Axels*
- 6.6.1.1.1. Asse 1:  
*Axle 1:* vedere allegato n° 2  
*see annex Nr. 2*
- 6.6.1.1.2. Asse 2:  
*Axle 2:* vedere allegato n° 2  
*see annex Nr. 2*
- 6.6.1.1.3. Asse 3:  
*Axle 3:* vedere allegato n° 2  
*see annex Nr. 2*
- 6.6.1.1.4. Asse 4:  
*Axle 4:* vedere allegato n° 2  
*see annex Nr. 2*
- 6.6.1.1.5. Asse 5:  
*Axle 5:* vedere allegato n° 2  
*see annex Nr. 2*
- 6.6.3. Pressione/i degli pneumatici raccomandata dal fabbricante del veicolo:  
*Tyre pressure(s) as recommended by the vehicle manufacturer:*





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|          |                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6.6.3.1. | 1° asse:<br>1 <sup>st</sup> axle:                                                                                                                                                                                                                                            | vedere 6.6.1.1.1.<br>see 6.6.1.1.1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 6.6.3.2. | 2° asse:<br>2 <sup>nd</sup> axle:                                                                                                                                                                                                                                            | vedere 6.6.1.1.2.<br>see 6.6.1.1.2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 6.6.3.3. | 3° asse:<br>3 <sup>rd</sup> axle:                                                                                                                                                                                                                                            | vedere 6.6.1.1.3.<br>see 6.6.1.1.3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 6.6.3.4. | 4° asse:<br>4 <sup>th</sup> axle:                                                                                                                                                                                                                                            | vedere 6.6.1.1.4.<br>see 6.6.1.1.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 6.6.3.5. | 5° asse:<br>5 <sup>th</sup> axle:                                                                                                                                                                                                                                            | vedere 6.6.1.1.5.<br>see 6.6.1.1.5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 7.       | <b>STERZO</b><br><b>STEERING</b>                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 7.1.     | Schemi dell'asse o degli assi sterzanti:<br><i>Steering system diagram:</i>                                                                                                                                                                                                  | dis. n° 5802287105 del 11.2015 rev. A0<br>e n° 30000001 del 08.06.2004 rev. 4<br><i>drawing No. 5802287105 of 11.2015 rev. A0<br/>and No. 30000001 of 08.06.2004 rev. 4</i>                                                                                                                                                                                                                                                                                                                           |
| 7.2.     | Trasmissione e comando<br><i>Transmission and control</i>                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 7.2.1.   | Tipo di trasmissione dello sterzo (precisare se anteriore o posteriore):<br><i>Type of steering transmission (specify for front and rear, if applicable):</i>                                                                                                                | volante collegato mediante un albero alla scatola dello sterzo che trasmette la forza dello sterzo alle ruote anteriori (1° e 2° asse) mediante leveraggi e giunti a snodo e al 5° asse mediante sistema idraulico<br><i>steering wheel connected by a universal joint shaft to the steering gear-box which transmits the steering force to the front wheels (1<sup>st</sup> and 2<sup>nd</sup> axle) through leverages and articulated joints and to the 5<sup>th</sup> axle by hydraulic system</i> |
| 7.2.2.   | Trasmissione alle ruote (compresi sistemi diversi da quelli meccanici; eventualmente, specificare se anteriore o posteriore):<br><i>Linkage to wheels (including other than mechanical means; specify for front and rear, if applicable):</i>                                | vedere punto 7.2.1.<br><br><i>see item 7.2.1.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 7.2.3.   | Tipo degli eventuali servocomandi:<br><i>Method of assistance, if any:</i>                                                                                                                                                                                                   | idroguida a circolazione di sfere (ZF opp. Bosch 8099) e sistema di sterzata S.T. "Technology"<br><i>balls circulation hydraulic steering (ZF or Bosch 8099) and. S.T. "Technology" steering system</i>                                                                                                                                                                                                                                                                                               |
| 7.2.4.   | Schema complessivo dell'equipaggiamento sterzo illustrante la posizione sul veicolo dei vari dispositivi di sterzata:<br><i>Diagram of the steering equipment as a whole, showing the position on the vehicle of the various devices influencing its steering behaviour:</i> | dis n° 5802037500 del 10.11.2017 rev. A1<br><i>drawing No. 5802037500 of 10.11.2017 rev. A1</i>                                                                                                                                                                                                                                                                                                                                                                                                       |
| 7.2.5.   | Schema del comando sterzo<br><i>Schematic diagram of the steering control</i>                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 7.3.     | Angolo massimo di sterzata delle ruote<br><i>Maximum steering angle</i>                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 7.3.1.   | A destra:<br>Numero di giri del volante (o dati equivalenti):<br><i>To the right:<br/>Number of turns of the steering wheel (or equivalent data)</i>                                                                                                                         | vedere punto 7.2.4.<br>vedere punto 7.2.4.<br><i>see item 7.2.4.<br/>see item 7.2.4.</i>                                                                                                                                                                                                                                                                                                                                                                                                              |
| 7.3.2.   | A sinistra:<br>Numero di giri del volante (o dati equivalenti):                                                                                                                                                                                                              | vedere punto 7.2.4.<br>vedere punto 7.2.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |



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To the left:

Number of turns of the steering wheel (or equivalent data):

see item 7.2.4.

see item 7.2.4.

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Revision               of

x La Ditta  


(ing. Paolo MARTINI)  
Ruolo: Direttore tecnico  
Position: Technical Director



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### CHIAVE INTERPRETAZIONE VARIANTI E VERSIONI VARIANTS AND VERSIONS EXPLANATION KEY

| Caratteristiche<br>Characteristics                                                                                    | Descrizione<br>Description                                                                                                             | Tipo<br>Type | Varianti<br>Variants | Versioni<br>Versions |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|----------------------|
| Nome costruttore fase 2<br>Stage 2 manufacturer's company name                                                        | S.T. System Truck S.p.A.                                                                                                               | ST           |                      |                      |
| Tipo di modifica della fase 2<br>Stage 2 modify kind                                                                  | Aggiunta 5° asse posteriore<br>5 <sup>th</sup> rear axle added                                                                         | 5P           |                      |                      |
| Marca, modello, categoria, tipo e numero di assi della fase 1<br>Make, model, category and number of axles of stage 1 | Iveco Magirus, X-Way ON MY 2019, cat. N3, 350X e 360X, 4 assi<br>Iveco Magirus, X-Way ON MY 2019, cat. N3, 350X and 360X, 4 assi axles | MS34Y        |                      |                      |
| Fase di completamento<br>Extent of build                                                                              | incompleto X-Way ON MY 2019: cabinato non carrozzato<br>incomplete X-Way ON MY 2019: chassis cab without body                          |              | 4                    |                      |
| Motore<br>Engine                                                                                                      | combustione interna<br>internal combustion                                                                                             |              | C                    |                      |
| Principio di funzionamento<br>Working principle                                                                       | accensione spontanea<br>compression ignition                                                                                           |              | 1                    |                      |
| Numero di cilindri<br>Cylinders number                                                                                | 6 in linea<br>6 in line                                                                                                                |              | 6                    |                      |
| Numero assi motore<br>Number driving axle                                                                             | 2 (3° e 4° asse)<br>2 (3 <sup>rd</sup> and 4 <sup>th</sup> axle)                                                                       |              | 2                    |                      |
| Numero assi anteriori sterzanti<br>Number front steering axle                                                         | 2 (1° e 2° asse)<br>2 (1 <sup>st</sup> and 2 <sup>nd</sup> axle)                                                                       |              | 2                    |                      |
| Massa massima<br>GVW                                                                                                  | 41000 kg                                                                                                                               |              |                      | C                    |
|                                                                                                                       | 41000 kg                                                                                                                               |              |                      | D                    |
|                                                                                                                       | 41000 kg                                                                                                                               |              |                      | F                    |
| Massa massima su 1° asse<br>Maximum mass on 1 <sup>st</sup> axle                                                      | 8000 kg                                                                                                                                |              |                      | A                    |
|                                                                                                                       | 7500 kg                                                                                                                                |              |                      | B                    |
|                                                                                                                       | 8500 kg                                                                                                                                |              |                      | C                    |
|                                                                                                                       | 9000 kg                                                                                                                                |              |                      | D                    |
| Massa massima su 2° asse<br>Maximum mass on 2 <sup>nd</sup> axle                                                      | 8000 kg                                                                                                                                |              |                      | A                    |
|                                                                                                                       | 7500 kg                                                                                                                                |              |                      | B                    |
|                                                                                                                       | 8500 kg                                                                                                                                |              |                      | C                    |
|                                                                                                                       | 9000 kg                                                                                                                                |              |                      | D                    |



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### CHIAVE INTERPRETAZIONE VARIANTI E VERSIONI VARIANTS AND VERSIONS EXPLANATION KEY

| Caratteristiche<br>Characteristics                               | Descrizione<br>Description                                                             | Tipo<br>Type | Varianti<br>Variants | Versioni<br>Versions            |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------|----------------------|---------------------------------|
| Massa massima su 3° asse<br>Maximum mass on 3 <sup>rd</sup> axle | 11500 kg<br>9500 o/or 10500 kg                                                         |              |                      | C<br>E                          |
| Massa massima su 4° asse<br>Maximum mass on 4 <sup>th</sup> axle | 9500 o/or 10500 kg<br>11500 kg                                                         |              |                      | C<br>D                          |
| Rimorchiabilità<br>Towing vehicle                                | Non atto al traino / No trailer<br>Atto al traino / Unbraked trailer                   |              |                      | X<br>W                          |
| Cilindrata<br>Engine capacity                                    | 8710 cm <sup>3</sup><br>11120 cm <sup>3</sup><br>12882 cm <sup>3</sup>                 |              |                      | 09<br>11<br>13                  |
| Potenza del motore<br>Engine power                               | 265 kW<br>309 kW<br>338 kW<br>353 kW<br>294 kW<br>375 kW<br>419 kW                     |              |                      | A<br>B<br>E<br>G<br>L<br>M<br>N |
| Carburante<br>Fuel                                               | Gasolio<br>Diesel                                                                      |              |                      | D                               |
| Rumore in marcia<br>Running noise level                          | 81 dB<br>82 dB                                                                         |              |                      | 1<br>2                          |
| Direttiva emissioni<br>Directive emission                        | Euro VI D                                                                              |              |                      | D                               |
| Tipo cabina<br>Cab type                                          | AD<br>AT<br>AS                                                                         |              |                      | D<br>T<br>S                     |
| ADR                                                              | con ADR / with ADR<br>con ADR classe AT / with ADR Class AT<br>senza ADR / without ADR |              |                      | S<br>T<br>N                     |
| Massa massima su 5° asse<br>Maximum mass on 5 <sup>th</sup> axle | 8000 kg<br>8600 kg<br>9000 kg<br>10000 kg                                              |              |                      | A<br>B<br>C<br>D                |



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## COMBINAZIONI POSSIBILI PERMISSIBLE COMBINATION

| Varianti<br>Variants | Versioni<br>Versions                                |
|----------------------|-----------------------------------------------------|
| 4 C 1 6 2 2          | F B B E C X 0 9 A D 2 D D S A<br>W L T N B<br>T C   |
| 4 C 1 6 2 2          | F B B E C X 1 1 B D 1 D D S A<br>W E T N B<br>G T C |
| 4 C 1 6 2 2          | F B B E C X 1 3 M D 2 D S S A<br>W N N B<br>T C     |
| 4 C 1 6 2 2          | D A A E C X 0 9 A D 2 D D S A<br>W L T N B<br>T C   |
| 4 C 1 6 2 2          | D A A E C X 1 1 B D 1 D D S A<br>W E T N B<br>G T C |
| 4 C 1 6 2 2          | D A A E C X 1 3 M D 2 D S S A<br>W N N B<br>T C     |
| 4 C 1 6 2 2          | D C C E C X 0 9 A D 2 D D S A<br>W L T N B<br>T C   |
| 4 C 1 6 2 2          | D C C E C X 1 1 B D 1 D D S A<br>W E T N B<br>G T C |
| 4 C 1 6 2 2          | D C C E C X 1 3 M D 2 D S S A<br>W N N B<br>T C     |
| 4 C 1 6 2 2          | D D D E C X 0 9 A D 2 D D S A<br>W L T N B<br>T C   |
| 4 C 1 6 2 2          | D D D E C X 1 1 B D 1 D D S A<br>W E T N B<br>G T C |
| 4 C 1 6 2 2          | D D D E C X 1 3 M D 2 D S S A<br>W N N B<br>T C     |
| 4 C 1 6 2 2          | D A A C D X 0 9 A D 2 D D S D<br>W L T N T          |
| 4 C 1 6 2 2          | D A A C D X 1 1 B D 1 D D S D<br>W E T N T<br>G T   |
| 4 C 1 6 2 2          | D A A C D X 1 3 M D 2 D S S D<br>W N N T<br>T       |

Varianti  
Variants

Versioni  
Versions

4 C 1 6 2 2

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | C | C | C | D | X | 0 | 9 | A | D | 2 | D | D | S | D |
|   |   |   |   |   | W |   |   | L |   |   |   | T | N |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   | T |   |

4 C 1 6 2 2

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | C | C | C | D | X | 1 | 1 | B | D | 1 | D | D | S | D |
|   |   |   |   |   | W |   |   | E |   |   |   | T | N |   |
|   |   |   |   |   |   |   |   | G |   |   |   |   | T |   |

4 C 1 6 2 2

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | C | C | C | D | X | 1 | 3 | M | D | 2 | D | S | S | D |
|   |   |   |   |   | W |   |   | N |   |   |   |   | N |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   | T |   |

4 C 1 6 2 2

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | D | D | C | D | X | 0 | 9 | A | D | 2 | D | D | S | D |
|   |   |   |   |   | W |   |   | L |   |   |   | T | N |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   | T |   |

4 C 1 6 2 2

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | D | D | C | D | X | 1 | 1 | B | D | 1 | D | D | S | D |
|   |   |   |   |   | W |   |   | E |   |   |   | T | N |   |
|   |   |   |   |   |   |   |   | G |   |   |   |   | T |   |

4 C 1 6 2 2

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | D | D | C | D | X | 1 | 3 | M | D | 2 | D | S | S | D |
|   |   |   |   |   | W |   |   | N |   |   |   |   | N |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   | T |   |

4 C 1 6 2 2

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | B | B | E | C | X | 0 | 9 | A | D | 2 | D | D | S | A |
|   |   |   |   |   | W |   |   | L |   |   |   |   | N | B |
|   |   |   |   |   |   |   |   |   |   |   |   |   | T | C |

4 C 1 6 2 2

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | B | B | E | C | X | 1 | 1 | B | D | 1 | D | D | S | A |
|   |   |   |   |   | W |   |   | E |   |   |   |   | N | B |
|   |   |   |   |   |   |   |   | G |   |   |   |   | T | C |

4 C 1 6 2 2

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | A | A | E | C | X | 0 | 9 | A | D | 2 | D | D | S | A |
|   |   |   |   |   | W |   |   | L |   |   |   |   | N | B |
|   |   |   |   |   |   |   |   |   |   |   |   |   | T | C |

4 C 1 6 2 2

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | A | A | E | C | X | 1 | 1 | B | D | 1 | D | D | S | A |
|   |   |   |   |   | W |   |   | E |   |   |   |   | N | B |
|   |   |   |   |   |   |   |   | G |   |   |   |   | T | C |

4 C 1 6 2 2

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | A | A | C | D | X | 0 | 9 | A | D | 2 | D | D | S | D |
|   |   |   |   |   | W |   |   | L |   |   |   |   | N |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   | T |   |

4 C 1 6 2 2

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | A | A | C | D | X | 1 | 1 | B | D | 1 | D | D | S | D |
|   |   |   |   |   | W |   |   | E |   |   |   |   | N |   |
|   |   |   |   |   |   |   |   | G |   |   |   |   | T |   |





## SCHEDA INFORMATIVA INFORMATION DOCUMENT

All n° 2  
Annex Nr  
del  
of 01.02.2021

| Punto<br>Item | Variante<br>Variant  | Versione<br>Version  | Descrizione<br>Description                                                                                                                                           |                              |                   |                               |                            |                                |                                      |                  |                       |
|---------------|----------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|-------------------------------|----------------------------|--------------------------------|--------------------------------------|------------------|-----------------------|
| 6.2.          | 4C1622               | ????????????? A      | sospensione pneumatica, ammortizzatori idraulici, vedere disegno n°<br>air suspension, hydraulic shock absorbers, see drawing No. 10.01.00.0036 rev. 0 of 30.01.2017 | 10.01.00.0036                | rev. 0            | del                           | 30.01.2017                 |                                |                                      |                  |                       |
|               | 4C1622               | ????????????? B      |                                                                                                                                                                      |                              |                   |                               |                            |                                |                                      |                  |                       |
|               | 4C1622               | ????????????? C      | sospensione pneumatica, ammortizzatori idraulici, vedere disegno n°<br>air suspension, hydraulic shock absorbers, see drawing No. 10.01.00.0049 rev. 0 of 07.02.2019 | 10.01.00.0049                | rev. 0            | del                           | 07.02.2019                 |                                |                                      |                  |                       |
|               | 4C1622               | ????????????? D      |                                                                                                                                                                      |                              |                   |                               |                            |                                |                                      |                  |                       |
|               | Varianti<br>Variants | Versioni<br>Versions | Dimensione<br>Size                                                                                                                                                   | Ind. di carico<br>Load index | Carico<br>Payload | Indice di vel.<br>Speed index | Dim. cerchio<br>Rim size   | Offset acciaio<br>Offset steel | Offset alluminio<br>Offset aluminium | Raggio<br>Radius | Pressione<br>Pressure |
| 6.6.1.1.1.    |                      |                      | 315/80 R22,5                                                                                                                                                         | 154                          | 7500              | G                             | 22,5 x 9,00                | 161-162                        | 150-154                              | 523              | 8,00 bar              |
|               |                      |                      | 315/70 R22,5                                                                                                                                                         | 154                          | 7500              | G                             | 22,5 x 9,00                | 161-162                        | 150-154                              | 492              | 9,00 bar              |
|               |                      |                      | 13 R22,5                                                                                                                                                             | 154                          | 7500              | G                             | 22,5 x 9,00                | 161-162                        | 150-154                              | 546              | 8,00 bar              |
|               | 4C1622               | ?B????????????? ?    | 295/80 R22,5                                                                                                                                                         | 154                          | 7500              | G                             | 22,5 x 8,25<br>22,5 x 9,00 | 152-159<br>161-162             | 145-148<br>150-154                   | 507              | 9,00 bar              |
|               |                      |                      | 385/55 R22,5                                                                                                                                                         | 154                          | 7500              | G                             | 22,5 x 11,75               | 130                            | 120-135                              | 480              | 7,75 bar              |
|               |                      |                      | 385/65 R22,5                                                                                                                                                         | 154                          | 7500              | G                             | 22,5 x 11,75               | 120-135                        | 120-135                              | 517              | 7,50 bar              |
|               | 4C1622               | ?A????????????? ?    | 315/80 R22,5                                                                                                                                                         | 156                          | 8000              | G                             | 22,5 x 9,00                | 161-162                        | 150-154                              | 523              | 8,50 bar              |
|               |                      |                      | 315/70 R22,5                                                                                                                                                         | 156                          | 8000              | G                             | 22,5 x 9,00                | 161-162                        | 150-154                              | 492              | 9,00 bar              |
|               |                      |                      | 13 R22,5                                                                                                                                                             | 156                          | 8000              | G                             | 22,5 x 9,00                | 161-162                        | 150-154                              | 546              | 8,50 bar              |
|               |                      |                      | 385/55 R22,5                                                                                                                                                         | 156                          | 8000              | G                             | 22,5 x 11,75               | 130                            | 120-135                              | 480              | 8,50 bar              |
|               |                      |                      | 385/65 R22,5                                                                                                                                                         | 156                          | 8000              | G                             | 22,5 x 11,75               | 120-135                        | 120-135                              | 517              | 8,00 bar              |
|               | 4C1622               | ?C????????????? ?    | 315/80 R22,5                                                                                                                                                         | 158                          | 8500              | G                             | 22,5 x 9,00                | 161-162                        | 150-154                              | 523              | 9,00 bar              |
|               |                      |                      | 385/55 R22,5                                                                                                                                                         | 158                          | 8500              | G                             | 22,5 x 11,75               | 130                            | 120-135                              | 480              | 9,00 bar              |
|               |                      |                      | 385/65 R22,5                                                                                                                                                         | 158                          | 8500              | G                             | 22,5 x 11,75               | 120-135                        | 120-135                              | 517              | 8,50 bar              |
|               | 4C1622               | ?D????????????? ?    | 385/55 R22,5                                                                                                                                                         | 160                          | 9000              | G                             | 22,5 x 11,75               | 130                            | 120-135                              | 480              | 9,00 bar              |
|               |                      |                      | 385/65 R22,5                                                                                                                                                         | 160                          | 9000              | G                             | 22,5 x 11,75               | 120-135                        | 120-135                              | 517              | 9,00 bar              |
| 6.6.1.1.2.    |                      |                      | 315/80 R22,5                                                                                                                                                         | 154                          | 7500              | G                             | 22,5 x 9,00                | 161-162                        | 150-154                              | 523              | 8,00 bar              |
|               |                      |                      | 315/70 R22,5                                                                                                                                                         | 154                          | 7500              | G                             | 22,5 x 9,00                | 161-162                        | 150-154                              | 492              | 9,00 bar              |
|               |                      |                      | 13 R22,5                                                                                                                                                             | 154                          | 7500              | G                             | 22,5 x 9,00                | 161-162                        | 150-154                              | 546              | 8,00 bar              |
|               | 4C1622               | ?B????????????? ?    | 295/80 R22,5                                                                                                                                                         | 154                          | 7500              | G                             | 22,5 x 8,25<br>22,5 x 9,00 | 152-159<br>161-162             | 145-148<br>150-154                   | 507              | 9,00 bar              |
|               |                      |                      | 385/55 R22,5                                                                                                                                                         | 154                          | 7500              | G                             | 22,5 x 11,75               | 130                            | 120-135                              | 480              | 7,75 bar              |
|               |                      |                      | 385/65 R22,5                                                                                                                                                         | 154                          | 7500              | G                             | 22,5 x 11,75               | 120-135                        | 120-135                              | 517              | 7,50 bar              |





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| Punto<br>Item | Variante<br>Variant | Versione<br>Version | Descrizione<br>Description |     |       |   |              |         |         |              |
|---------------|---------------------|---------------------|----------------------------|-----|-------|---|--------------|---------|---------|--------------|
| 6.6.1.1.3.    | 4C1622              | ??A?????????? ?     | 315/80 R22,5               | 156 | 8000  | G | 22,5 x 9,00  | 161-162 | 150-154 | 523 8,50 bar |
|               |                     |                     | 315/70 R22,5               | 156 | 8000  | G | 22,5 x 9,00  | 161-162 | 150-154 | 492 9,00 bar |
|               |                     |                     | 13 R22,5                   | 156 | 8000  | G | 22,5 x 9,00  | 161-162 | 150-154 | 546 8,50 bar |
|               |                     |                     | 385/55 R22,5               | 156 | 8000  | G | 22,5 x 11,75 | 130     | 120-135 | 480 8,50 bar |
|               |                     |                     | 385/65 R22,5               | 156 | 8000  | G | 22,5 x 11,75 | 120-135 | 120-135 | 517 8,00 bar |
|               | 4C1622              | ??C?????????? ?     | 315/80 R22,5               | 158 | 8500  | G | 22,5 x 9,00  | 161-162 | 150-154 | 523 9,00 bar |
|               |                     |                     | 385/55 R22,5               | 158 | 8500  | G | 22,5 x 11,75 | 130     | 120-135 | 480 9,00 bar |
|               |                     |                     | 385/65 R22,5               | 158 | 8500  | G | 22,5 x 11,75 | 120-135 | 120-135 | 517 8,50 bar |
|               | 4C1622              | ??D?????????? ?     | 385/55 R22,5               | 160 | 9000  | G | 22,5 x 11,75 | 130     | 120-135 | 480 9,00 bar |
|               |                     |                     | 385/65 R22,5               | 160 | 9000  | G | 22,5 x 11,75 | 120-135 | 120-135 | 517 9,00 bar |
|               | 4C1622              | ???E?????????? ?    | 315/80 R22,5               | 142 | 10500 | G | 22,5 x 9,00  | 161-162 | 150-154 | 523 6,25 bar |
|               |                     |                     | 315/70 R22,5               | 142 | 10500 | G | 22,5 x 9,00  | 161-162 | 150-154 | 492 7,00 bar |
|               |                     |                     | 13 R22,5                   | 142 | 10500 | G | 22,5 x 9,00  | 161-162 | 150-154 | 546 6,00 bar |
|               |                     |                     | 295/80 R22,5               | 142 | 10500 | G | 22,5 x 8,25  | 152-159 | 145-148 | 507 7,00 bar |
|               |                     |                     | 295/80 R22,5               | 142 | 10500 | G | 22,5 x 9,00  | 161-162 | 150-154 | 507 7,00 bar |
|               | 4C1622              | ???C?????????? ?    | 315/80 R22,5               | 145 | 11500 | G | 22,5 x 9,00  | 161-162 | 150-154 | 523 6,75 bar |
|               |                     |                     | 315/70 R22,5               | 145 | 11500 | G | 22,5 x 9,00  | 161-162 | 150-154 | 492 7,75 bar |
|               |                     |                     | 13 R22,5                   | 145 | 11500 | G | 22,5 x 9,00  | 161-162 | 150-154 | 546 6,75 bar |
|               |                     |                     | 295/80 R22,5               | 145 | 11500 | G | 22,5 x 8,25  | 152-159 | 145-148 | 507 7,75 bar |
|               |                     |                     | 295/80 R22,5               | 145 | 11500 | G | 22,5 x 9,00  | 161-162 | 150-154 | 507 7,75 bar |
| 6.6.1.1.4.    | 4C1622              | ????C?????????? ?   | 315/80 R22,5               | 142 | 10500 | G | 22,5 x 9,00  | 161-162 | 150-154 | 523 6,25 bar |
|               |                     |                     | 315/70 R22,5               | 142 | 10500 | G | 22,5 x 9,00  | 161-162 | 150-154 | 492 7,00 bar |
|               |                     |                     | 13 R22,5                   | 142 | 10500 | G | 22,5 x 9,00  | 161-162 | 150-154 | 546 6,00 bar |
|               |                     |                     | 295/80 R22,5               | 142 | 10500 | G | 22,5 x 8,25  | 152-159 | 145-148 | 507 7,00 bar |
|               | 4C1622              | ????D?????????? ?   | 315/80 R22,5               | 145 | 11500 | G | 22,5 x 9,00  | 161-162 | 150-154 | 523 6,75 bar |
|               |                     |                     | 315/70 R22,5               | 145 | 11500 | G | 22,5 x 9,00  | 161-162 | 150-154 | 492 7,75 bar |
|               |                     |                     | 13 R22,5                   | 145 | 11500 | G | 22,5 x 9,00  | 161-162 | 150-154 | 546 6,75 bar |
|               |                     |                     | 295/80 R22,5               | 145 | 11500 | G | 22,5 x 8,25  | 152-159 | 145-148 | 507 7,75 bar |
|               |                     |                     | 295/80 R22,5               | 145 | 11500 | G | 22,5 x 9,00  | 161-162 | 150-154 | 507 7,75 bar |
| 6.6.1.1.5.    | 4C1622              | ?????????????? A    | 315/80 R22,5               | 156 | 8000  | G | 22,5 x 9,00  | 161-162 | 150-154 | 523 8,50 bar |
|               |                     |                     | 315/70 R22,5               | 156 | 8000  | G | 22,5 x 9,00  | 161-162 | 150-154 | 492 9,00 bar |
|               |                     |                     | 13 R22,5                   | 156 | 8000  | G | 22,5 x 9,00  | 161-162 | 150-154 | 546 8,50 bar |
|               |                     |                     | 385/55 R22,5               | 156 | 8000  | G | 22,5 x 11,75 | 130     | 120-135 | 480 8,50 bar |
|               |                     |                     | 385/65 R22,5               | 156 | 8000  | G | 22,5 x 11,75 | 120-135 | 120-135 | 517 8,00 bar |
|               |                     |                     | 385/65 R22,5               | 156 | 8000  | G | 22,5 x 11,75 | 120-135 | 120-135 | 517 8,00 bar |



# SCHEDA INFORMATIVA INFORMATION DOCUMENT

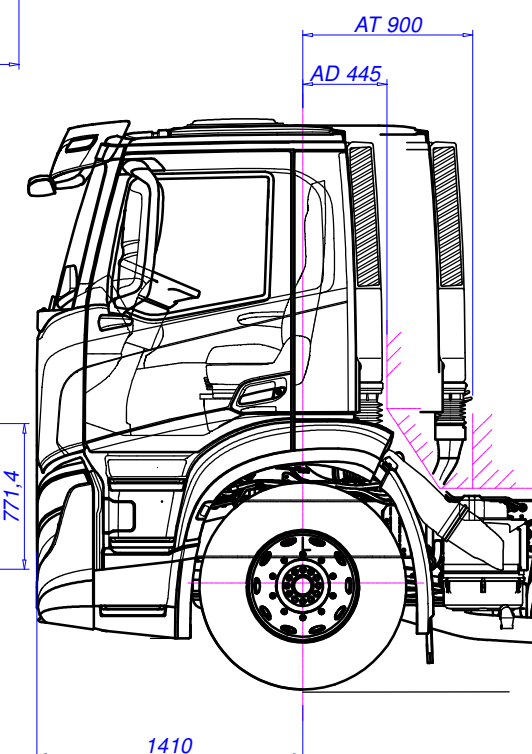
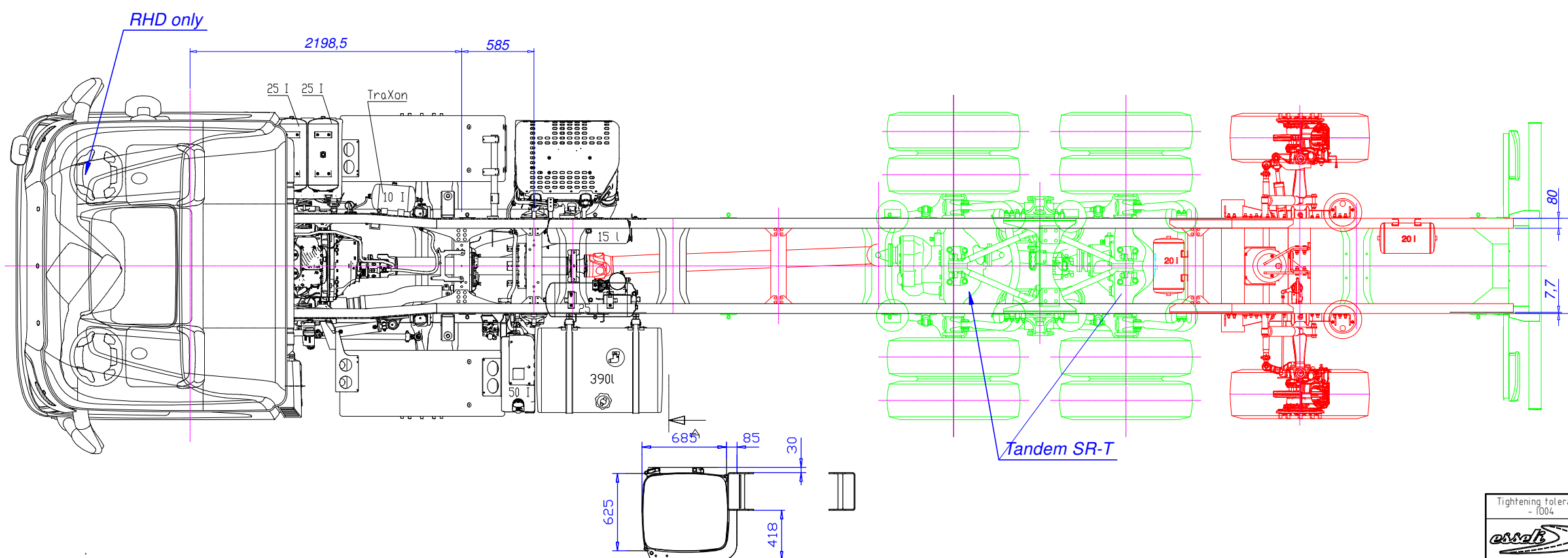
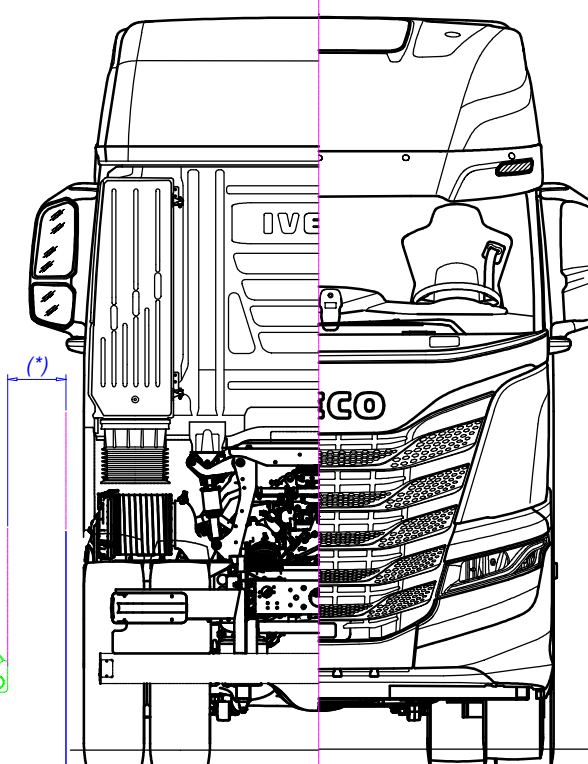
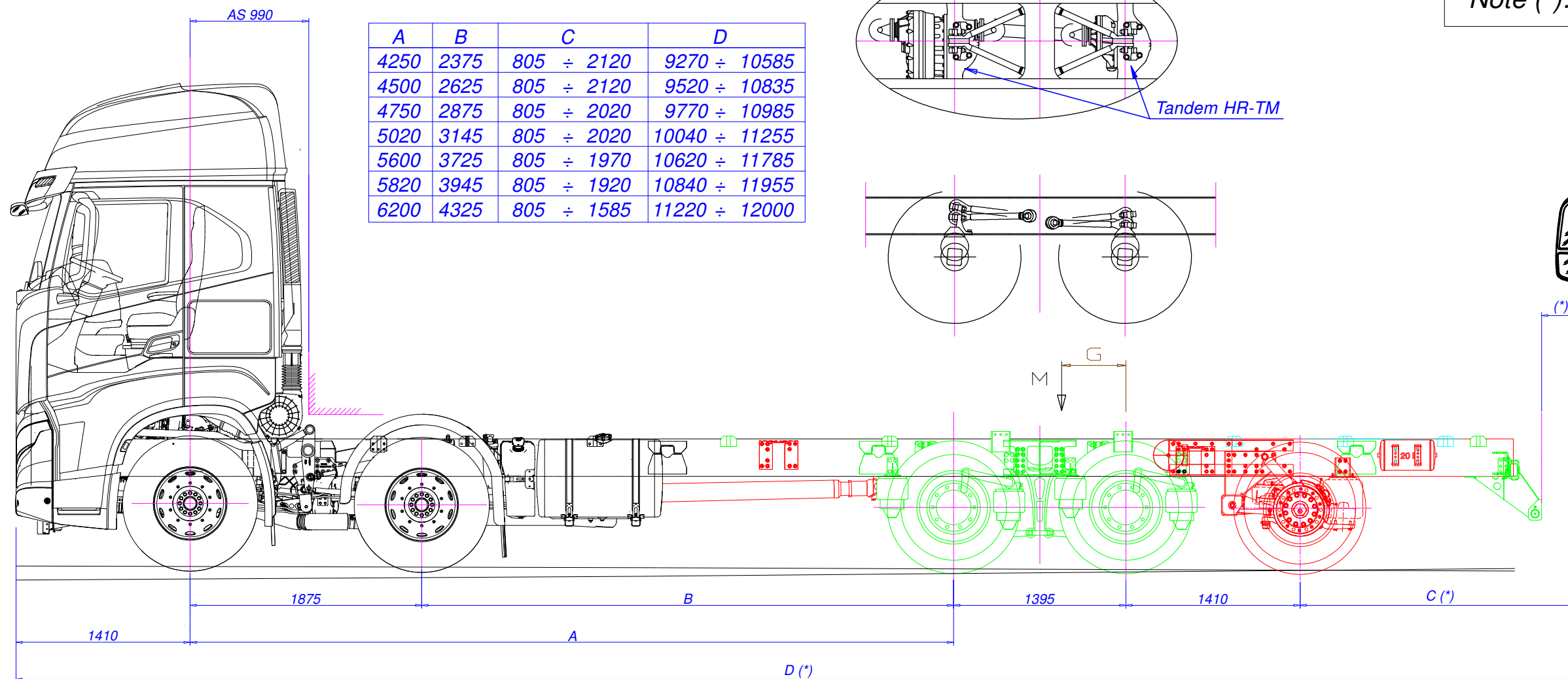
All n° 2  
Annex Nr  
del  
of 01.02.2021

| Punto<br>Item | Variante<br>Variant | Versione<br>Version | Descrizione<br>Description |     |       |   |              |         |         |     |          |
|---------------|---------------------|---------------------|----------------------------|-----|-------|---|--------------|---------|---------|-----|----------|
| 4C1622        | —                   | ??????????????? B   | 385/55 R22,5               | 160 | 8600  | G | 22,5 x 11,75 | 130     | 120-135 | 480 | 8,50 bar |
|               |                     |                     | 385/65 R22,5               | 160 | 8600  | G | 22,5 x 11,75 | 120-135 | 120-135 | 517 | 8,50 bar |
| 4C1622        |                     | ??????????????? C   | 385/55 R22,5               | 160 | 9000  | G | 22,5 x 11,75 | 130     | 120-135 | 480 | 9,00 bar |
|               |                     |                     | 385/65 R22,5               | 160 | 9000  | G | 22,5 x 11,75 | 120-135 | 120-135 | 517 | 9,00 bar |
| 4C1622        |                     | ??????????????? D   | 385/55 R22,5               | 164 | 10000 | G | 22,5 x 11,75 | 130     | 120-135 | 480 | 9,00 bar |
|               |                     |                     | 385/65 R22,5               | 164 | 10000 | G | 22,5 x 11,75 | 120-135 | 120-135 | 517 | 9,00 bar |

Disegno per omologazione  
Drawing for type-approval

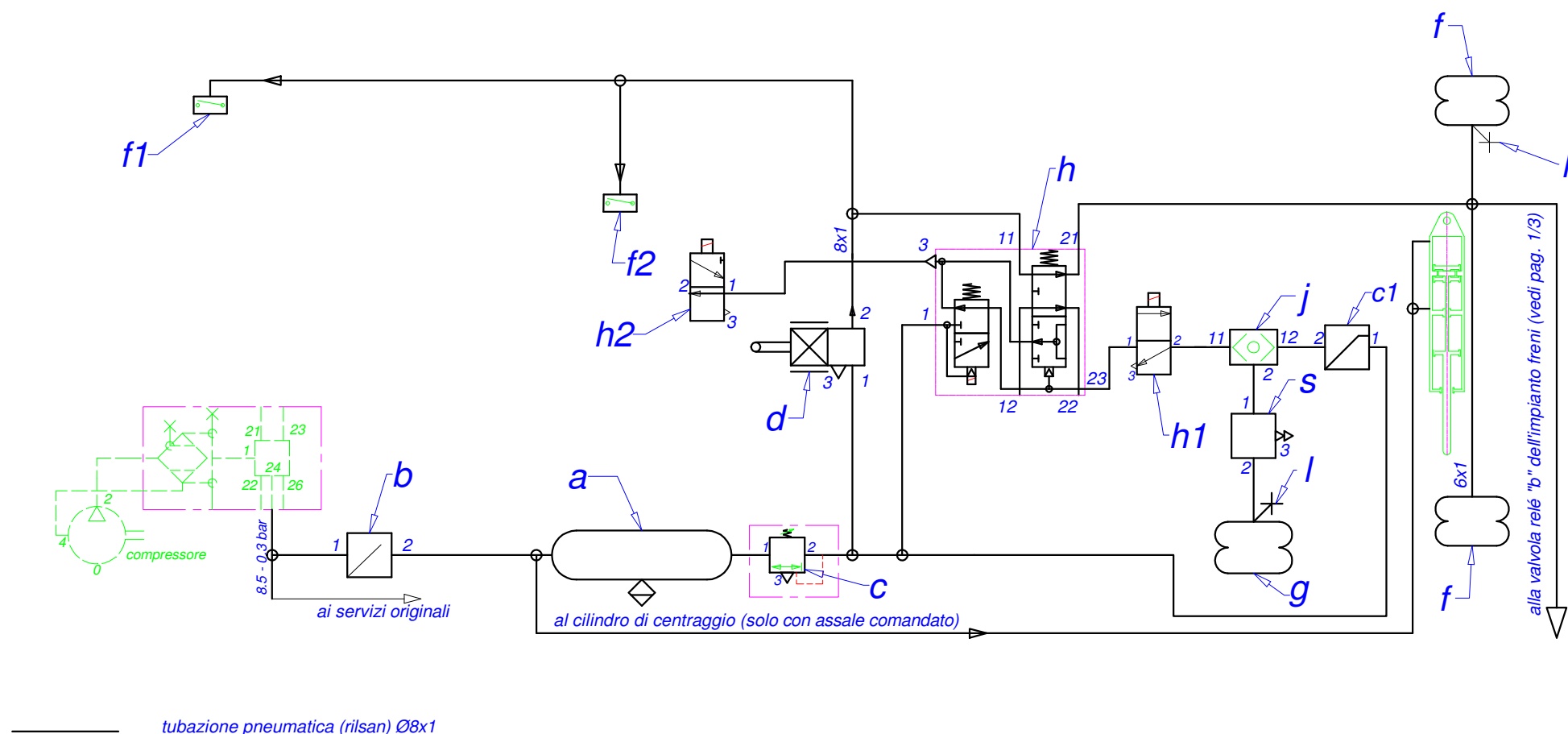
*Nota (\*): vedere scheda informativa*  
*Note (\*): see information document*

| <i>A</i> | <i>B</i> | <i>C</i>   | <i>D</i>      |
|----------|----------|------------|---------------|
| 4250     | 2375     | 805 ÷ 2120 | 9270 ÷ 10585  |
| 4500     | 2625     | 805 ÷ 2120 | 9520 ÷ 10835  |
| 4750     | 2875     | 805 ÷ 2020 | 9770 ÷ 10985  |
| 5020     | 3145     | 805 ÷ 2020 | 10040 ÷ 11255 |
| 5600     | 3725     | 805 ÷ 1970 | 10620 ÷ 11785 |
| 5820     | 3945     | 805 ÷ 1920 | 10840 ÷ 11955 |
| 6200     | 4325     | 805 ÷ 1585 | 11220 ÷ 12000 |



|                                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                         |                                            |                                                                                       |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------|
| Tightening tolerance<br>- f004                                                                                                                                                                                                                                                                                                                                                         | ISO 2768 - ----<br>Tolerancing ISO 8015 | Author<br>P. MARTINI                    | Date<br>10/02/2020                         |  | Scale<br>1:20                  |
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| <p><b>Description</b></p> <p>AVPECO MS34Y AD/AT/AS 350/360X...Z...HR ON+ 10x4</p> <p>IMPELLOZIONE 5° ASSE POSTERIORE</p>                                                                                                                                                                                                                                                               |                                         |                                         |                                            |                                                                                       |                                |
| <p>S.T. System Truck S.p.A.<br/>via Pansa, 28 - I 44048 Rovereto (MO)<br/>tel. +39 0376 696809<br/>www.stsystemtruck.com</p>                                                                                                                                                                                                                                                           |                                         | <p><b>Code</b></p> <p>55.01.00.0124</p> | <p><b>Drawing</b></p> <p>55.01.00.0124</p> | <p><b>Sheet</b></p> <p>1/1</p>                                                        | <p><b>Format</b></p> <p>A4</p> |

**E24\*79R02/01\*0059\*00**



#### LEGENDA

- a - Serbatoio aria 20 l - approvato CE.  
b - Valvola presa aria, con ritorno limitato - 6,2 bar.  
c - Valvola limitatrice - 5.9 bar.  
c1 - Riduttore di pressione - 0.5 bar.  
d - Valvola modulatrice.  
f - Molla pneumatica sospensione.  
f1 - Pressostato N.C. - disattivazione automatica sollevatore (5.5 bar)  
f2 - Pressostato N.A. per controllo del traspositore di carico (7.5 bar)  
g - Molla pneumatica sollevatore.  
h - Deviatore con ElettoValvola di comando per inserimento sollevatore e traspositore di carico.  
h1 - Elettovalvola N.C. di comando del sollevatore.  
h2 - Elettovalvola N.A. per controllo del traspositore di carico.  
j - Doppia valvola di arresto - selezione Pmax.  
l - Presa controllo pressione.  
s - Valvola di scarico rapido.

N.B. La valvola modulatrice, pos. d, deve essere collegata al centro del tandem assi motori (questo per annullare l'effetto delle oscillazioni della sospensione cantilever).

**NOTA BENE: lo schema del veicolo base (in verde) è riportato a scopo indicativo.**

**Per le caratteristiche riferirsi all'omologazione del veicolo stesso.**

Schema impianto frenante: vedi foglio 1/3

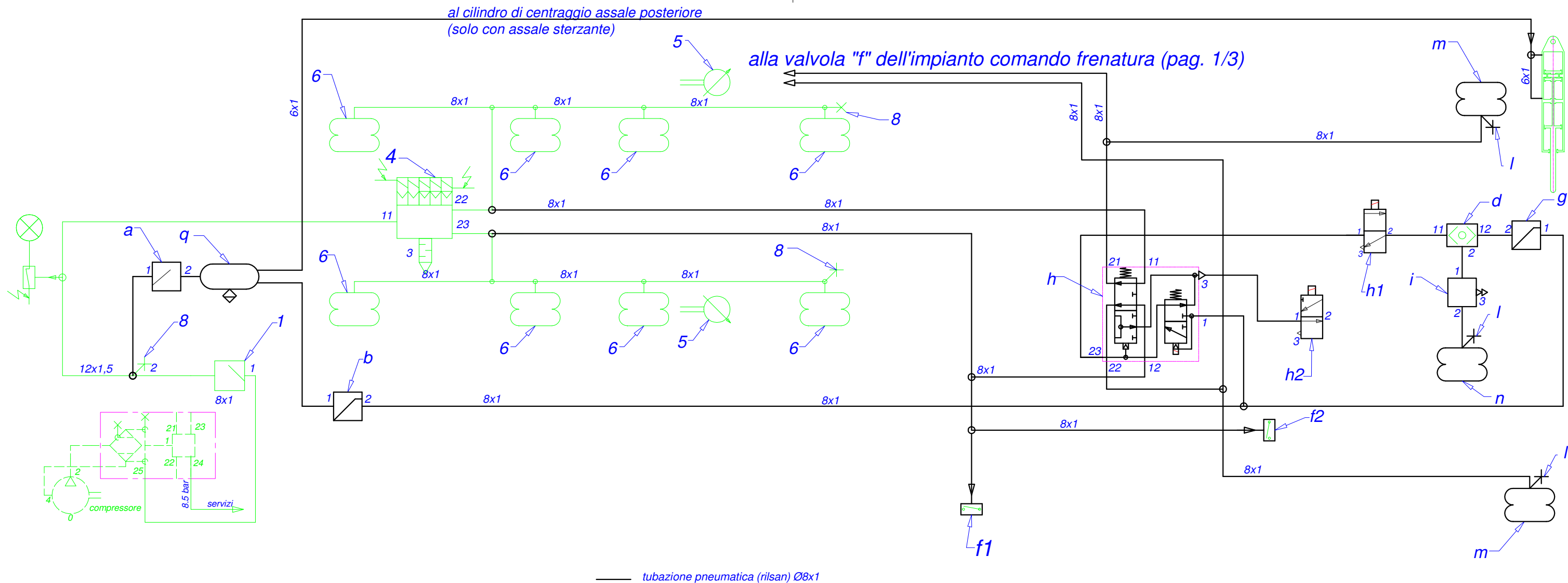
|                                                                                                    |                              |                    |                                                                                                                                                 |                                                                                                           |                               |
|----------------------------------------------------------------------------------------------------|------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------|
| Disegnato da<br>A. Tibaldo                                                                         | Controllato da<br>P. Martini | Data<br>26/11/2020 | Scala<br>.....                                                                                                                                  | Quote senza indicazione di tolleranza secondo<br>tabella UNI EN 22768/1, con grado<br>di precisione ..... | Formato disegno<br>A3 UNI 936 |
| Disegno di proprietà della<br>S.T. System Truck s.r.l. Vietata<br>la riproduzione non autorizzata. |                              |                    | TITOLO SCHEMA IMPIANTO PNEUMATICO - IVECO X-WAY 6X4 OPPURE 8x4<br>FRENI EBS - ASSALE POSTERIORE CON SOLLEVATORE E TRASPOSITORE -<br>FRENO DISCO |                                                                                                           |                               |
| Property of S.T. System Truck<br>s.r.l. Reproduction not<br>permitted, all rights reserved.        |                              |                    | N° DISEGNO<br><b>25.01.05.0059</b>                                                                                                              |                                                                                                           |                               |
|                                                                                                    |                              |                    | Modifica<br>3 del 17.02.21                                                                                                                      |                                                                                                           | Foglio<br>2/3                 |

E24\*79R02/01\*0059\*00

3 - Cambiati cilindri freno 5° asse - 17.02.2021 A.T.

2 - Aggiornato schema per omologazione - 26.11.2020 A.T.

1 - Reso generico per 6x4 e 8x4, e aggiornato per versione MY2019 - 05.05.2020 P.M.



# LEGENDA

- 1 - Valvola presa aria con ritorno limitato.
- 4 - Distributore elettropneumatico
- 5 - Sensore di posizione (livellatore).
- 6 - Molla ad aria sospensione asse motore.
- 8 - Presa per controllo pressione.

Componenti aggiunti per l'allestimento con 5° asse

a - Valvola presa d'aria con ritorno limitato - 6.2 bar

b - Limitatore di pressione - ( 5.9 bar)

d - Doppia valvola di arresto - selezione Pmax.

f1 - Pressostato N.C. - 5.5 bar (°).

f2 - Pressostato N.A. - 7.5 bar (+).

g - Riduttore di pressione - 0.5 bar.

h - Deviatore con ElettroValvola di comando per inserimento sollevatore e traspositore di carico (°) (+).

h1 - Elettrovalvola N.C. di comando del sollevatore (°).

h2 - Elettrovalvola N.A. per controllo del traspositore di carico (+).

i - Valvola di scarico rapido.

l - Presa controllo pressione.

m - Molla ad aria sospensione 5° asse.

n - Molla ad aria sollevatore 5° asse.

q - Serbatoio aria 20 l - approvato CE - con valvola manuale di spurgo.

| Carico tandem assi motori (t) | Carico asse posteriore (t) |
|-------------------------------|----------------------------|
| 9,5 + 9,5                     | 8                          |
| 10,5 + 10,5                   | 9 (8,6)                    |
| 11,5 + 11,5                   | 10                         |

**NOTA BENE:** lo schema del veicolo base (in verde) è riportato a scopo indicativo.

**Per le caratteristiche riferirsi all'omologazione del veicolo stesso.**

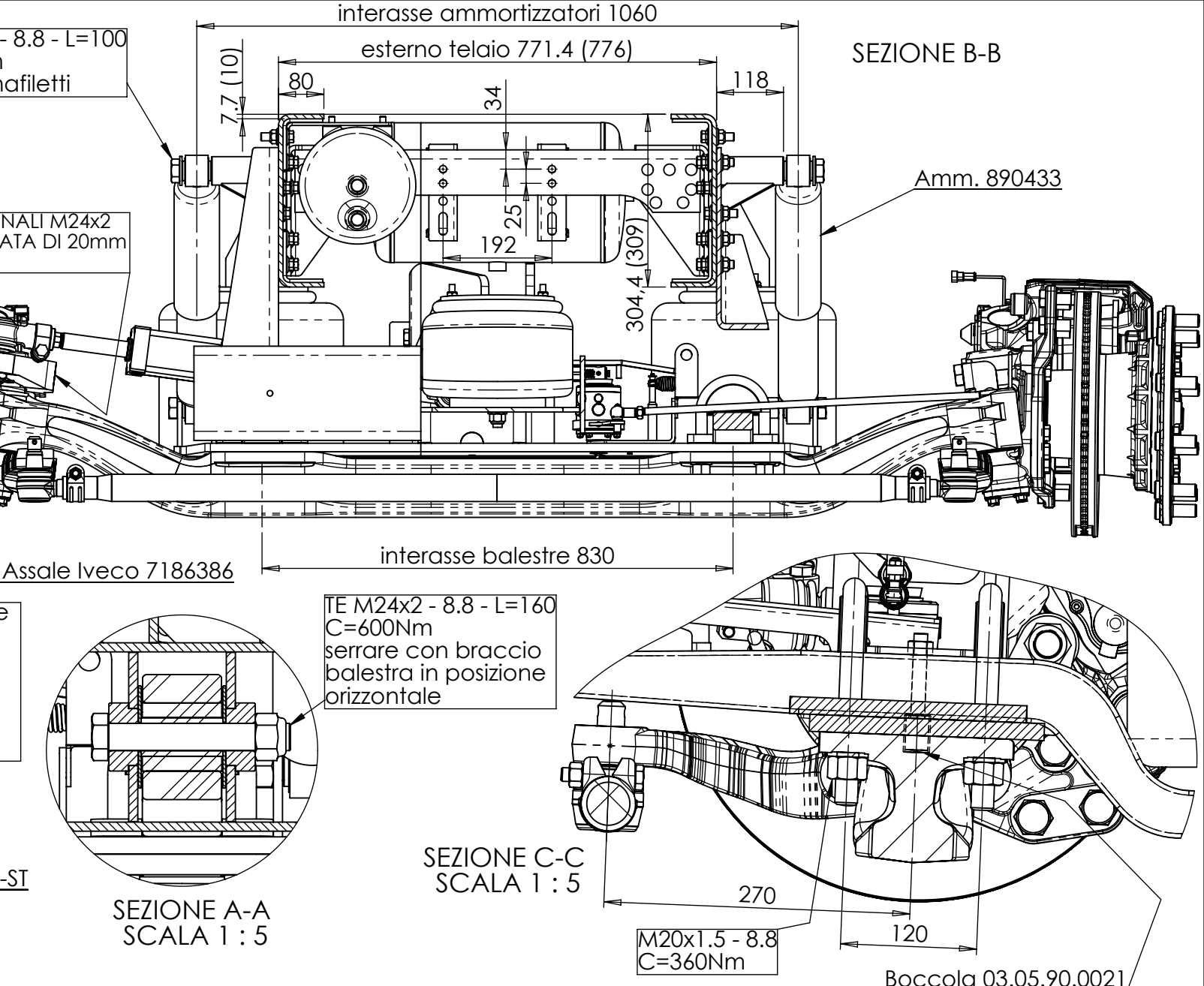
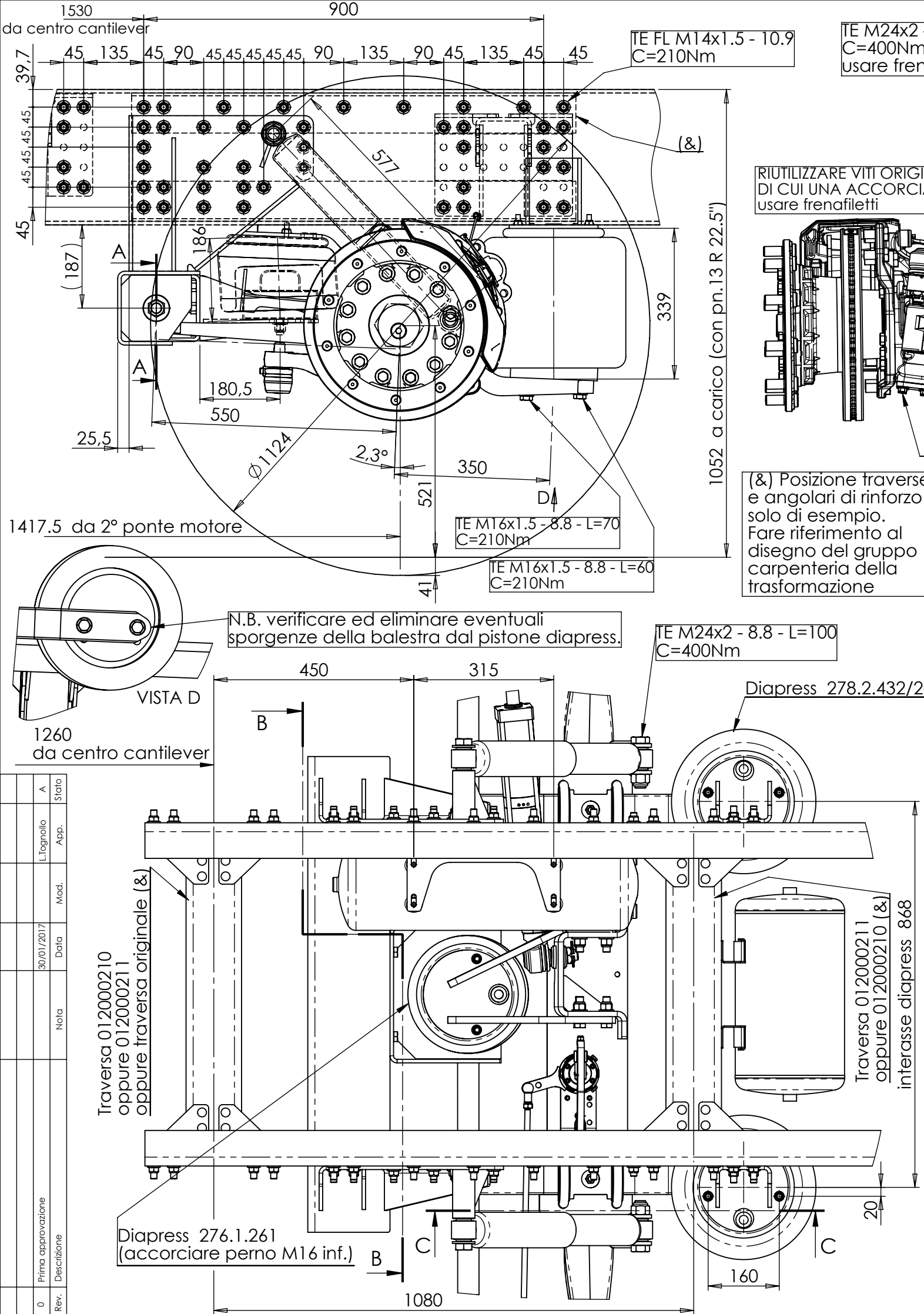
Schema impianto frenante: vedi foglio 1/3

|                                                                                                                                                                                            |                              |                                                                                                                                                                                                  |                |                                                                                                                                                  |                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Disegnato da<br>A. Tibaldo                                                                                                                                                                 | Controllato da<br>P. Martini | Data<br>26/11/2020                                                                                                                                                                               | Scala<br>..... | Quote senza indicazione di tolleranza secondo tabella UNI EN 22768/1, con grado di precisione .....                                              | Formato disegno<br>A3 UNI 936 |
|  <p>S.T. System Truck S.p.A.<br/>via Paesa, 28 - I 46048 Roverbella (MN)<br/>tel. +39 0376 696809</p> |                              | <p>Disegno di proprietà della S.T. System Truck s.r.l. Vietata la riproduzione non autorizzata.</p> <p>Property of S.T. System Truck s.r.l. Reproduction not permitted, all rights reserved.</p> |                | <p>TITOLO SCHEMA IMPIANTO PNEUMATICO - IVECO X-WAY 6X4 OPPURE 8x4 FRENI EBS - ASSALE POSTERIORE CON SOLLEVATORE E TRASPOSITORE - FRENO DISCO</p> |                               |
| N° DISEGNO<br><b>25.01.05.0059</b>                                                                                                                                                         |                              | Modifica<br>3 del 17.02.21                                                                                                                                                                       |                | Foglio<br>3/3                                                                                                                                    |                               |

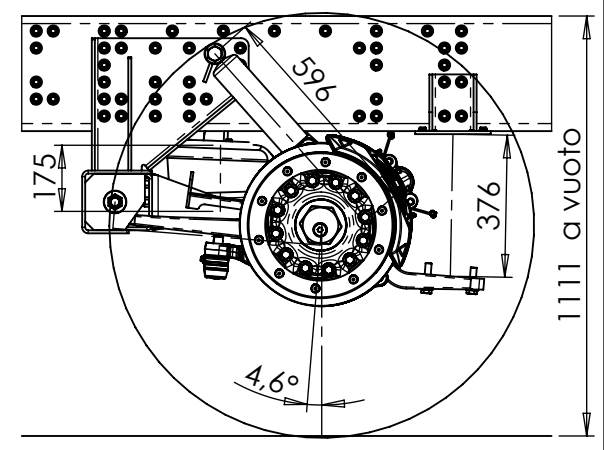
E24\*79R02/01\*0059\*00

3 - Cambiati cilindri freno 5° asse - 17.02.2021 A.T.  
2 - Aggiornato schema per omologazione - 26.11.2020 A.T.  
1 - Reso generico per 6x4 e 8x4, e aggiornato per versione MY2019 - 05.05.2020 P.M.

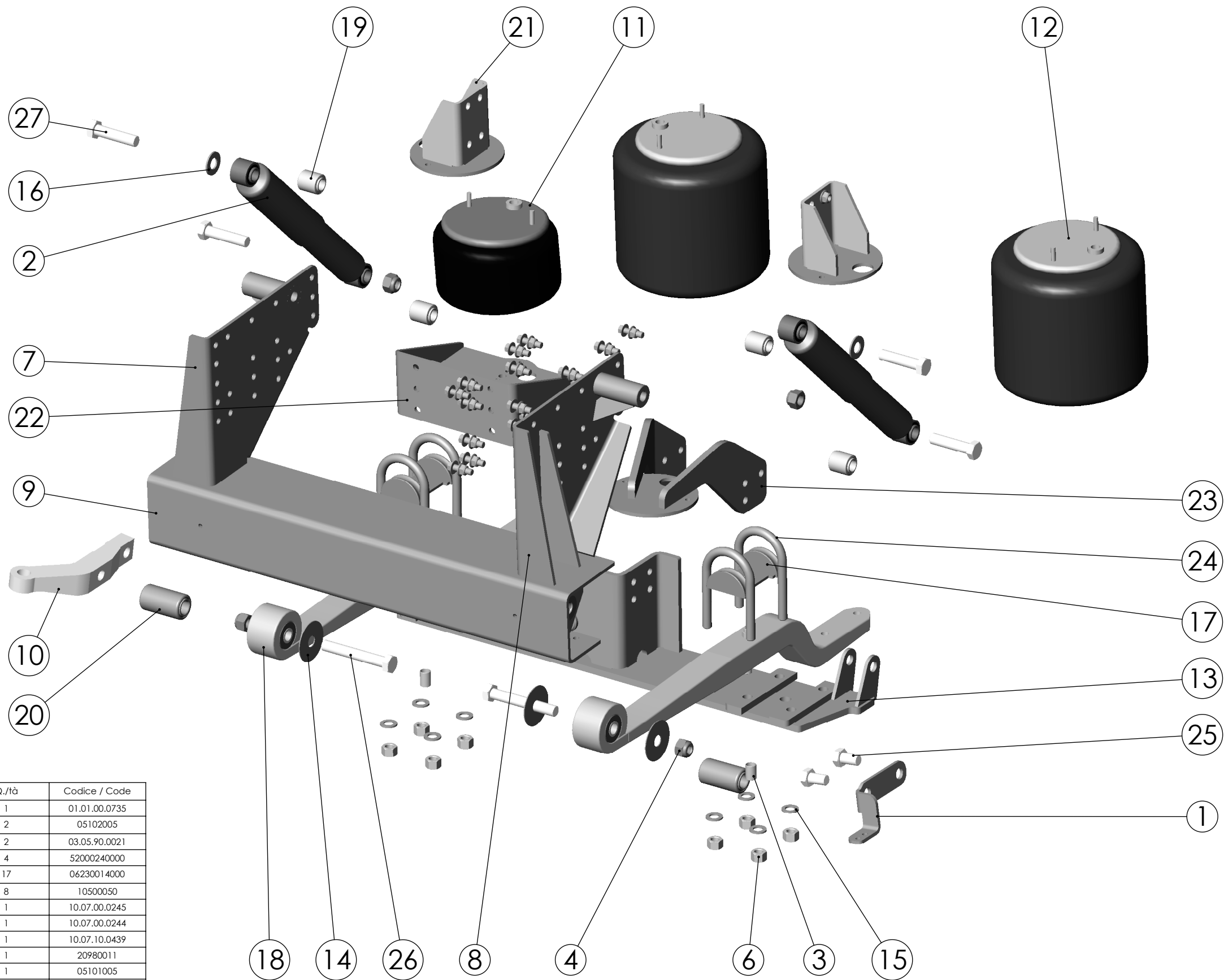




| VEICOLO A VUOTO<br>(SOLO TELAIO)          | L<br>AMMORTIZ.<br>(428-688) | H<br>DIAPRESS<br>SOSP.<br>(180-560) | H<br>DIAPRESS<br>SOLL.<br>(110-330) | CORSA MAX<br>SOSP.<br>5° ASSE | H TELAIO<br>1° ASSE | H TELAIO<br>CENTRO<br>TANDEM | H TELAIO<br>5° ASSE |
|-------------------------------------------|-----------------------------|-------------------------------------|-------------------------------------|-------------------------------|---------------------|------------------------------|---------------------|
|                                           | 495                         | 180                                 | 235                                 | -119                          | 1174                | 1130                         | 1111                |
|                                           | 596                         | 376                                 | 175                                 |                               |                     |                              |                     |
|                                           | 688                         | 557 (577)                           | 117                                 | 110                           |                     |                              |                     |
| VEICOLO A CARICO<br>TANDEM 26T - 5° AX 8T | L<br>AMMORTIZ.<br>(428-688) | H<br>DIAPRESS<br>SOSP.<br>(180-560) | H<br>DIAPRESS<br>SOLL.<br>(110-330) | CORSA MAX<br>SOSP.<br>5° ASSE | H TELAIO<br>1° ASSE | H TELAIO<br>CENTRO<br>TANDEM | H TELAIO<br>5° ASSE |
|                                           | 495                         | 180                                 | 235                                 | -96                           | 1051                | 1052                         | 1052                |
|                                           | 577                         | 339                                 | 186                                 |                               |                     |                              |                     |
|                                           | 688                         | 557 (577)                           | 117                                 | 133                           |                     |                              |                     |

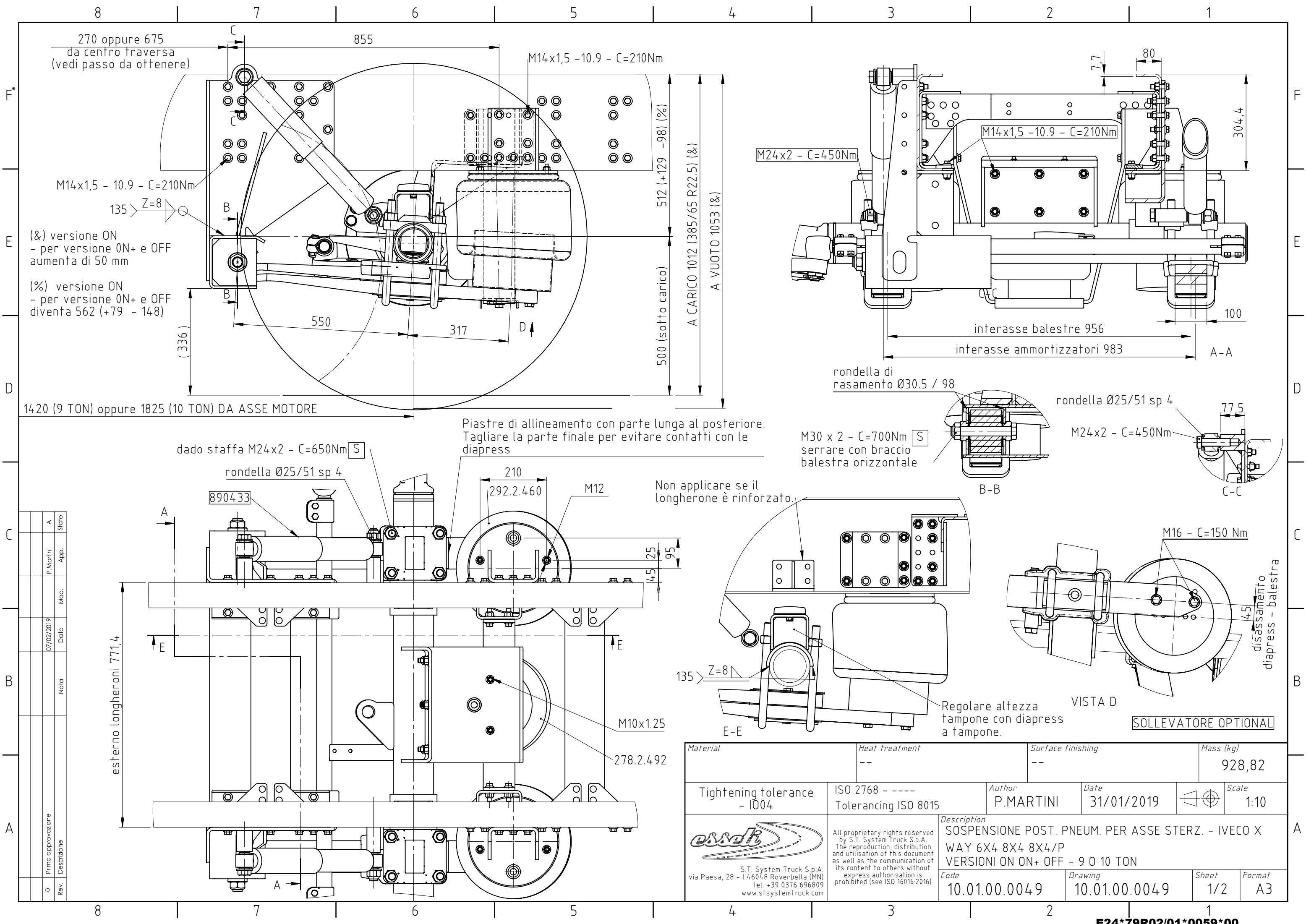


|                                                                                                                                                                                                                          |                                                                               |                                                                                                                                                                                                       |                                   |                                                                                                                                     |                                           |                                            |                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------|------------------------|
|                                                                                                                                                                                                                          | Disegnato con :<br>Modificare solo con:<br>Drawing with:<br>Modify only with: |                                                                                                                                                                                                       | Formato disegno<br>Format Drawing | Materiale<br>Material                                                                                                               | Trattamento termico<br>Heat treatment     | Finitura superficiale<br>Surface finishing | Massa kg<br>Weight kg  |
|                                                                                                                                                                                                                          | A3 UNI 936                                                                    |                                                                                                                                                                                                       | --                                | --                                                                                                                                  | --                                        |                                            |                        |
| Quote senza indicazione di tolleranza secondo tabella UNI EN 22768/1, con grado di precisione MEDIO<br>Measures without tolerance according to indication according to UNI EN 22768/1, with a degree of precision MEDIUM |                                                                               | Unità di misura<br>Unit of measure<br>lineari - linear: mm<br>angoli: gradi sessagesimali<br>angles: sexagesimal degrees                                                                              |                                   | Disegnato da<br>Drawing by<br>L.TOGNOLLO                                                                                            | Controllato da<br>Checked by<br>P.Martini | Data<br>Date<br>26/01/2017                 | Scala<br>Scale<br>1:10 |
| ISO 9001:2008<br>                                                                                                                                                                                                        |                                                                               | Disegno di proprietà<br>della S.T.System Truck S.p.A.<br>Vietata la riproduzione<br>non autorizzata.<br>Property of S.T.System Truck<br>S.p.A.<br>Reproduction not permitted,<br>all rights reserved. |                                   | Descrizione / Description<br>SOSPENSIONE POST. PNEUM. ASSE STERZ. IVECO<br>TRAKKER 6X4 260T 380T<br>- TRAKKER 8X4 410T - X-WAY 340X |                                           |                                            | Foglio Sheet<br>1 / 2  |
| S.T. System Truck S.p.A.<br>via Paesa, 28 I 46048 Roverbella (MN)<br>tel. +39 0376 696809 - fax +39 0376 1760180<br>www.stsystemtruck.com --- info@stsystemtruck.com                                                     |                                                                               |                                                                                                                                                                                                       |                                   | Codice / Code<br>10.01.00.0036E24*7910021.0000360                                                                                   |                                           |                                            |                        |



| Pos. | Descrizione / Description                                              | Q./td | Codice / Code |
|------|------------------------------------------------------------------------|-------|---------------|
| 1    | 8 LEVA PER ASTA DI REAZIONE SU FUSELLO                                 | 1     | 01.01.00.0735 |
| 2    | Ammortizzatore per sosp. pneum. 7762 - 890433                          | 2     | 05102005      |
| 3    | BOCCOLA CENTRAGGIO PITONE Ø23,2/20.4 H=33                              | 2     | 03.05.90.0021 |
| 4    | DADO AUTOBLOCCANTE CL.8 UNI 7473 DIN982 M24 X 2                        | 4     | 52000240000   |
| 5    | DADO Flangiato Autobloccante Cl. 10 - M14x1,5 - DIN 6927 - Zincato     | 17    | 06230014000   |
| 6    | DADO STAFFA BALESTRA M 20 X 1,5 - 10                                   | 8     | 10500050      |
| 7    | GR. ASSEMBLATO SUPP. DX SOSP. 3°AX POST. - IVECO TRAKKER 260T/P 380T/P | 1     | 10.07.00.0245 |
| 8    | GR. ASSEMBLATO SUPP. SX SOSP. 3°ASSE POST. - TRAKKER 260T/P 380T/P     | 1     | 10.07.00.0244 |
| 9    | GRUPPO TRAVERSA L = 1070 MM - INTERASSE BALESTRE 830MM                 | 1     | 10.07.10.0439 |
| 10   | LEVA ATTACCO CILINDRO OLEODINAMICO PER ASSALE IVECO ORIGINALE          | 1     | 20980011      |
| 11   | MOLLA PNEUM. DIAPRESS D276/DR (276.1.261) H=110+330 AE=325 CM2         | 1     | 05101005      |
| 12   | MOLLA PNEUMATICA DIAPRESS D278/E (278.2.432/2-ST)                      | 1     | 05101024      |
| 13   | PIASTRA BALESTRA PER ASSALE ORIGINALE IVECO (TRAKKER)                  | 1     | 10.07.05.0051 |
| 14   | RASAMENTO SOSPENSIONE PNEUMATICA DI24,5 DE90 SP. 2.5                   | 4     | 10459004      |
| 15   | RONDELLA CARPENTERIA UNI 5714 D. 20 ZINC.                              | 8     | 73000200000   |
| 16   | RONDELLA FE TRINCIATA Ø=25X51 X4 ZINC                                  | 2     | 206000250000  |
| 17   | SELLA PER APPOGGIO CAVALLOTTI BALESTRA L=90                            | 2     | 10310002      |
| 18   | SEMIBALESTRA SOSP. PNEUM. SEZ. 70X56 L=550 (+280+120) ABBASSAMENTO 110 | 2     | 10.10.00.0007 |
| 19   | SILENTBLOCK AMMORTIZZATORE 7754 - 24/52                                | 4     | 05710020      |
| 20   | SILENTBLOCK MOLLA BALESTRA (Ø30/57 L=102 ESTERNO ACCIAIO)              | 2     | 05710025      |
| 21   | SUPP. SUP. DIAPRESS PER SOSP. PNEUM. SU IVECO TRAKKER                  | 2     | 10.07.00.0246 |
| 22   | SUPPORTO INFERIORE SOLLEVATORE PER 3° ASSE POSTERIORE IVECO 190S C.M.  | 1     | 10940025      |
| 23   | SUPPORTO PER SOLLEVATORE IVECO TRAKKER 1+3                             | 1     | 10.23.10.0046 |
| 24   | Staffa Balestra Tonda M20 x 1,5 x 91 x 180                             | 4     | 10500148      |
| 25   | TE 8.8 ZNC UNI 5740 24 X 2 X 40                                        | 2     | 22300240040   |
| 26   | TE 8.8 5737 24 X 2 X 160                                               | 2     | 222000240160  |
| 27   | VITE TE 8.8 5738 24 X 2 X 100 ZINC                                     | 4     | 222000240100  |
| 28   | Vite TE Flangiata DIN 6921 M 14 x 1,5 x 45 -10.9 - Dacromet            | 16    | 061400140045  |

|                                                                                                                                                                                                                          |                                                                               |  |                                                                                                                                                                                           |                                                                                                                                      |                                              |                                                  |                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------|-----------------------------|
|                                                                                                                                                                                                                          | Disegnato con :<br>Modificare solo con:<br>Drawing with:<br>Modify only with: |  | Formato disegno<br>Format Drawing<br><b>A3 UNI 936</b>                                                                                                                                    | Materiale<br>Material                                                                                                                | Trattamento termico<br>Heat treatment<br>--  | Finitura superficiale<br>Surface finishing<br>-- | Massa kg<br>Weight kg<br>-- |
| Quote senza indicazione di tolleranza secondo tabella UNI EN 22768/1, con grado di precisione MEDIO<br>Measures without tolerance according to indication according to UNI EN 22768/1, with a degree of precision MEDIUM |                                                                               |  | Unità di misura<br>Unit of measure<br>lineari - linear: mm<br>angoli: gradi sessagesimali<br>angles: sexagesimal degrees                                                                  | Disegnato da<br>Drawing by<br>L.TOGNOLLO                                                                                             | Controllato da<br>Checked by<br>P.Martini    | Data<br>Date<br>26/01/2017                       | Scala<br>Scale<br>1:20      |
| <br>S.T. System Truck S.p.A.<br>via Paesa, 28 I 46048 Roverbella (MN)<br>tel. +39 0376 696809 - fax +39 0376 1760180<br>www.stsystemtruck.com --- info@stsystemtruck.com                                                 |                                                                               |  | Disegno di proprietà della S.T.System Truck S.p.A.<br>Vietata la riproduzione non autorizzata.<br>Property of S.T.System Truck S.p.A.<br>Reproduction not permitted, all rights reserved. | Descrizione / Description<br><b>SOSPENSIONE POST. PNEUM. ASSE STERZ. IVECO TRAKKER 6X4 260T 380T - TRAKKER 8X4 410T - X-WAY 340X</b> |                                              |                                                  |                             |
|                                                                                                                                                                                                                          |                                                                               |  |                                                                                                                                                                                           | Codice / Code<br><b>10.01.00.0035E24</b>                                                                                             | Disegno / Drawing<br><b>10.01.00.0035E24</b> | Foglio Sheet<br><b>2 / 2</b>                     |                             |



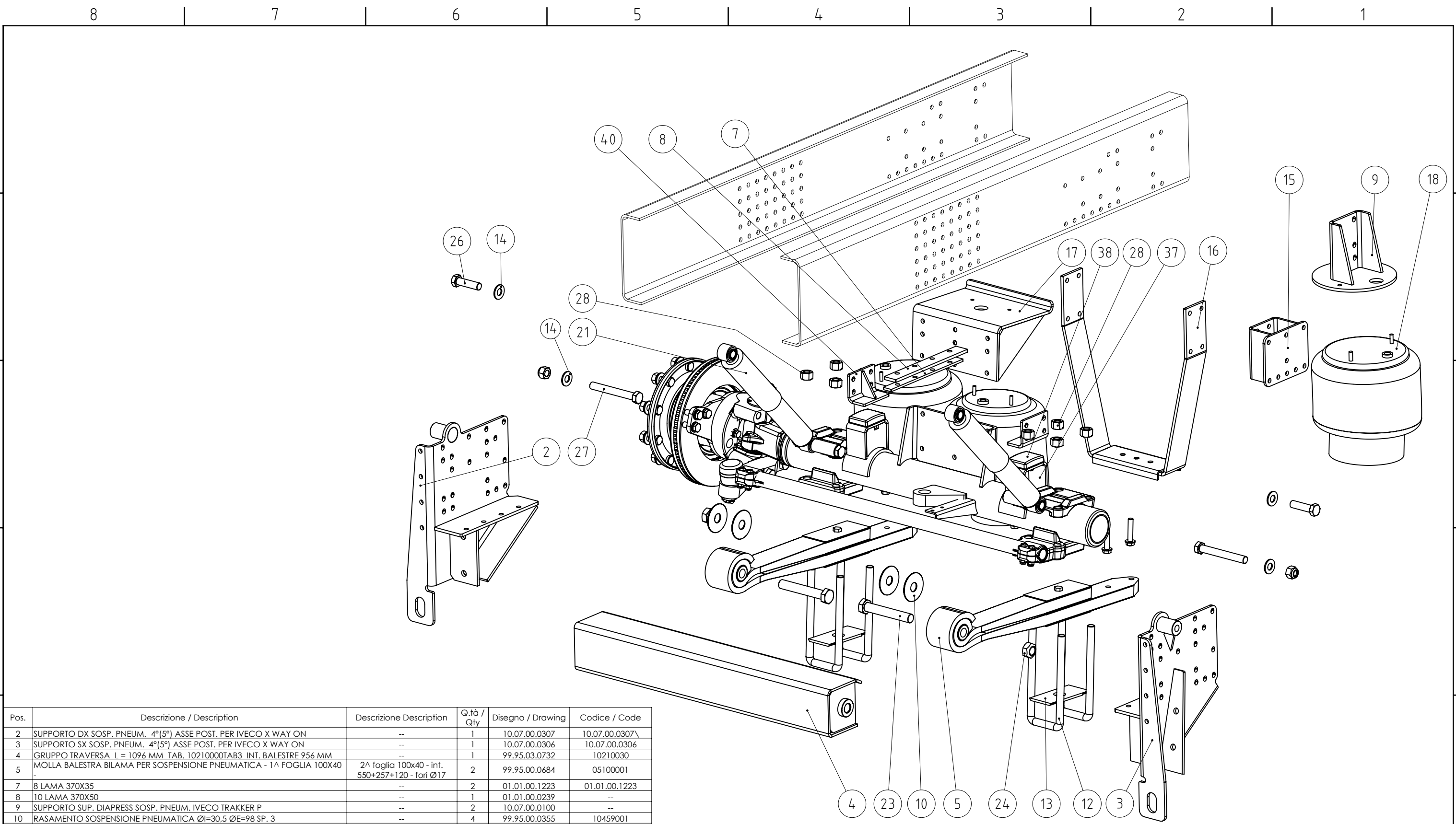
| Rev. | Descrizione        | Nota | Data       | Mod. | App.      | Stato |
|------|--------------------|------|------------|------|-----------|-------|
| 0    | Prima approvazione |      | 07/02/2019 |      | P.Martini | A     |

|                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                         |  |                                                                                                                            |                          |                                                                                       |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------|---------------|
| Material                                                                                                                                                                                                      |  | Heat treatment                                                                                                                                                                                                                                                          |  | Surface finishing                                                                                                          |                          | Mass (kg)                                                                             |               |
|                                                                                                                                                                                                               |  | --                                                                                                                                                                                                                                                                      |  | --                                                                                                                         |                          | 928,82                                                                                |               |
| Tightening tolerance<br>- I004                                                                                                                                                                                |  | ISO 2768 - ----<br>Tolerancing ISO 8015                                                                                                                                                                                                                                 |  | Author<br>P.MARTINI                                                                                                        | Date<br>31/01/2019       |  | Scale<br>1:10 |
| <br>S.T. System Truck S.p.A.<br>via Paesa, 28 - I 46048 Roverbella (MN)<br>tel. +39 0376 696809<br>www.stsystemtruck.com |  | All proprietary rights reserved<br>by S.T. System Truck S.p.A.<br>The reproduction, distribution<br>and utilisation of this document<br>as well as the communication of<br>its content to others without<br>express authorisation is<br>prohibited (see ISO 16016:2016) |  | Description<br>SOSPENSIONE POST. PNEUM. PER ASSE STERZ. - IVECO X<br>WAY 6X4 8X4 8X4/P<br>VERSIONI ON ON+ OFF - 9 0 10 TON |                          |                                                                                       |               |
|                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                         |  | Code<br>10.01.00.0049                                                                                                      | Drawing<br>10.01.00.0049 | Sheet<br>1/2                                                                          | Format<br>A3  |



F  
E  
D  
C  
B  
A

F  
E  
D  
C  
B  
A



| Pos. | Descrizione / Description                                             | Descrizione Description                        | Q.tà / Qty | Disegno / Drawing | Codice / Code  |
|------|-----------------------------------------------------------------------|------------------------------------------------|------------|-------------------|----------------|
| 2    | SUPPORTO DX SOSP. PNEUM. 4°(5°) ASSE POST. PER IVECO X WAY ON         | --                                             | 1          | 10.07.00.0307     | 10.07.00.0307\ |
| 3    | SUPPORTO SX SOSP. PNEUM. 4°(5°) ASSE POST. PER IVECO X WAY ON         | --                                             | 1          | 10.07.00.0306     | 10.07.00.0306  |
| 4    | GRUPPO TRAVERSA L = 1096 MM TAB. 10210000TAB3 INT. BALESTRE 956 MM    | --                                             | 1          | 99.95.03.0732     | 10210030       |
| 5    | MOLLA BALESTRA BILAMA PER SOSPENSIONE PNEUMATICA - 1^ FOGLIA 100X40   | 2^ foglia 100x40 - int. 550+257+120 - fori Ø17 | 2          | 99.95.00.0684     | 05100001       |
| 7    | 8 LAMA 370X35                                                         | --                                             | 2          | 01.01.00.1223     | 01.01.00.1223  |
| 8    | 10 LAMA 370X50                                                        | --                                             | 1          | 01.01.00.0239     | --             |
| 9    | SUPPORTO SUP. DIAPRESS SOSP. PNEUM. IVECO TRAKKER P                   | --                                             | 2          | 10.07.00.0100     | --             |
| 10   | RASAMENTO SOSPENSIONE PNEUMATICA ØI=30,5 ØE=98 SP. 3                  | --                                             | 4          | 99.95.00.0355     | 10459001       |
| 11   | Piastra di regolazione allineamento assale (sospensione pneumatica)   | --                                             | 2          | 99.95.03.0772     | 10459050       |
| 12   | STAFFA BALESTRA M24X2 X 101 X 310                                     | --                                             | 4          | 99.95.03.0793     | 10500010       |
| 13   | LAMA 90x200x8 PER SUPP. INF. DIAPRESS E APPOGGIO CAVALLOTTI           | --                                             | 2          | 99.95.03.0154     | 10300029       |
| 14   | RONDELLA FE UNI 6592 ZINC. DI=24                                      | USO GENERALE                                   | 4          | 99.95.06.0999     | 203000240000   |
| 15   | SUPPORTO PER SOLLEVATORE - INTERNO TELAIO PER IVECO                   | --                                             | 2          | 10.23.10.0016     | --             |
| 16   | GRUPPO ASSEMBLATO CULLA SOLLEVATORE - ASSE POST. SU IVECO TRAKKER P   | --                                             | 1          | 10.23.10.0017     | --             |
| 17   | COPERCHIO MOLLA SOLLEVATORE                                           | --                                             | 1          | 99.95.04.0330     | 10940079       |
| 21   | Ammortizzatore per sosp. pneum. 7762 - 890433                         | --                                             | 2          | 99.95.00.0750     | 05102005       |
| 23   | VITE TE 8.8 M30X3.5X190 PER BALESTRA SOSPENSIONE PNEUMATICA           | --                                             | 2          | 99.95.05.0472     | 10500151       |
| 24   | DADO AB M 30 X 3,5 CL. 8.8 (PER VITE BALESTRA SOSPENSIONE PNEUMATICA) | --                                             | 2          | 99.95.05.0040     | 10500101       |
| 25   | Vite TE Flangiata DIN 6921 M 14 x 1,5 x 45 -10.9 - Dacromet           | --                                             | 104        | 99.95.03.0023     | 061400140045   |
| 26   | VITE TE 8.8 5738 24 X 2 X 90 ZINC                                     | --                                             | 2          | 99.95.05.0476     | 222000240090   |
| 27   | VITE TE 8.8 5737 ZINC. 24X190                                         | --                                             | 3          | 99.95.05.0559     | 220000240190   |
| 28   | DADO STAFFA BALESTRA M 24 X 2 CL. 10                                  | --                                             | 8          | 99.95.05.0021     | 10500051       |
| 31   | DADO AUTOBLOCCANTE CL.8 UNI 7473 DIN982 M24 X 2                       | --                                             | 3          | 99.95.04.0964     | 52000240000    |
| 37   | SUPPORTO TAMP. FINECORS A SALDARE SU ASSALE PER SOSP. 10.01.00.0015   | --                                             | 2          | 50.50.05.0045     | 50.50.05.0045  |
| 38   | TAMPONE IN GOMMA PER FINECORS A SOSPENSIONE - 9066419                 | --                                             | 2          | 10.21.00.0059     | 10.21.00.0059  |
| 39   | DADO AUTOBL. CL10 (8G) UNI 7473 - M 10                                | --                                             | 4          | 99.95.10.0999     | 50100100000    |
| 40   | RINFORZO LONGHERONE IVECO PER APPL. TAMPONE DI FINECORS A             | --                                             | 2          | 50.50.00.0244     | 50.50.00.0244  |
| 41   | ASSALE STERZANTE 10 TON                                               | --                                             | 1          | 50.50.00.0244     | S08C101625     |

|                                                                                                                                                                                                               |  |                                                                                                                            |  |                       |                          |               |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------|--|-----------------------|--------------------------|---------------|--------------|
| Material                                                                                                                                                                                                      |  | Heat treatment                                                                                                             |  | Surface finishing     |                          | Mass (kg)     |              |
|                                                                                                                                                                                                               |  | --                                                                                                                         |  | --                    |                          | 928,82        |              |
| Tightening tolerance<br>- I004                                                                                                                                                                                |  | ISO 2768 - ----<br>Tolerancing ISO 8015                                                                                    |  | Author<br>P.MARTINI   | Date<br>31/01/2019       | Scale<br>1:10 |              |
| <br>S.T. System Truck S.p.A.<br>via Paesa, 28 - I 46048 Roverbella (MN)<br>tel. +39 0376 696809<br>www.stsystemtruck.com |  | Description<br>SOSPENSIONE POST. PNEUM. PER ASSE STERZ. - IVECO X<br>WAY 6X4 8X4 8X4/P<br>VERSIONI ON ON+ OFF - 9 0 10 TON |  | Code<br>10.01.00.0049 | Drawing<br>10.01.00.0049 | Sheet<br>2/2  | Format<br>A3 |

# hydraulic diagram

# hydraulic scheme

| Item | Description                                                                                                                                                           | TYPE/Characteristics                                                                 |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 1    | 1) 1,5-CIRCUIT STEERING GEAR<br>WITH INTEGRATED PRESSURE RELIEF VALVE<br>1a) WITH SWITCH-VALVE FOR EMERGENCY CIRCUIT<br>1b) WITH SWITCH-OFF VALVE FOR MASTER-CYLINDER | 8099-1,5<br>i=22,2-26,2                                                              |
| 2    | VANE PUMP<br>ENGINE-DRIVEN<br>WITHOUT PRESSURE RELIEF VALVE                                                                                                           | FN32<br>$Q_{\text{cont}}=25\text{l/min}$<br>$Q_{900}=32\text{cm}^3/\text{rev}$       |
| 3    | RADIAL PISTON PUMP<br>GROUND-DRIVEN<br>WITHOUT PRESSURE RELIEF VALVE                                                                                                  | RN 8605<br>$Q_{\text{cont}}=16\text{l/min}$<br>$Q_{900}=16\text{cm}^3/\text{rev}$    |
| 4    | FLOW INDICATOR (ON-switch)                                                                                                                                            | flow < 4-5l/min switch<br>contacts closed<br>flow > 4-5l/min switch<br>contacts open |
| 5    | HYDRAULIC CYLINDER                                                                                                                                                    | D=70/d=32<br>length L1 = 578mm,<br>L2=828mm<br>stroke max. 250mm                     |
| 6    | STEERING OIL TANK (2 chambers)<br>with integrated filter elements for each chamber<br>and level sensor/indicator                                                      | 1x 2,1l nominal size<br>alternatively<br>2x 1,5l nominal size                        |
| 7    |                                                                                                                                                                       |                                                                                      |

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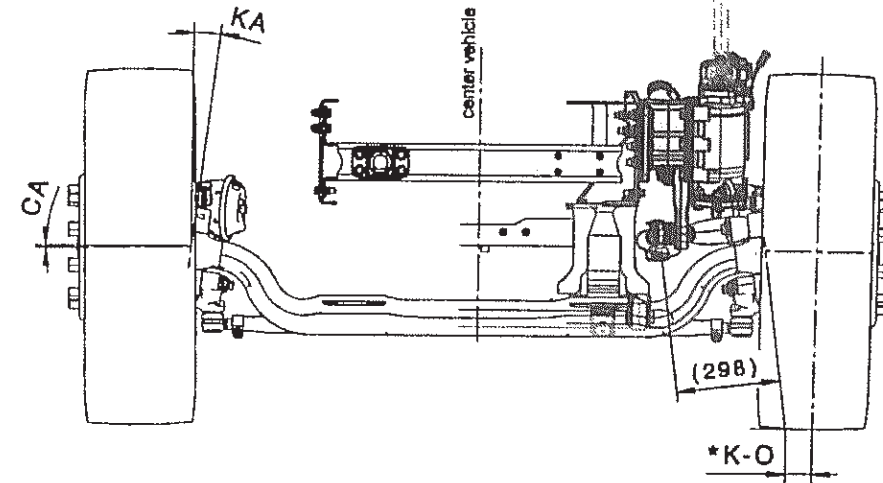
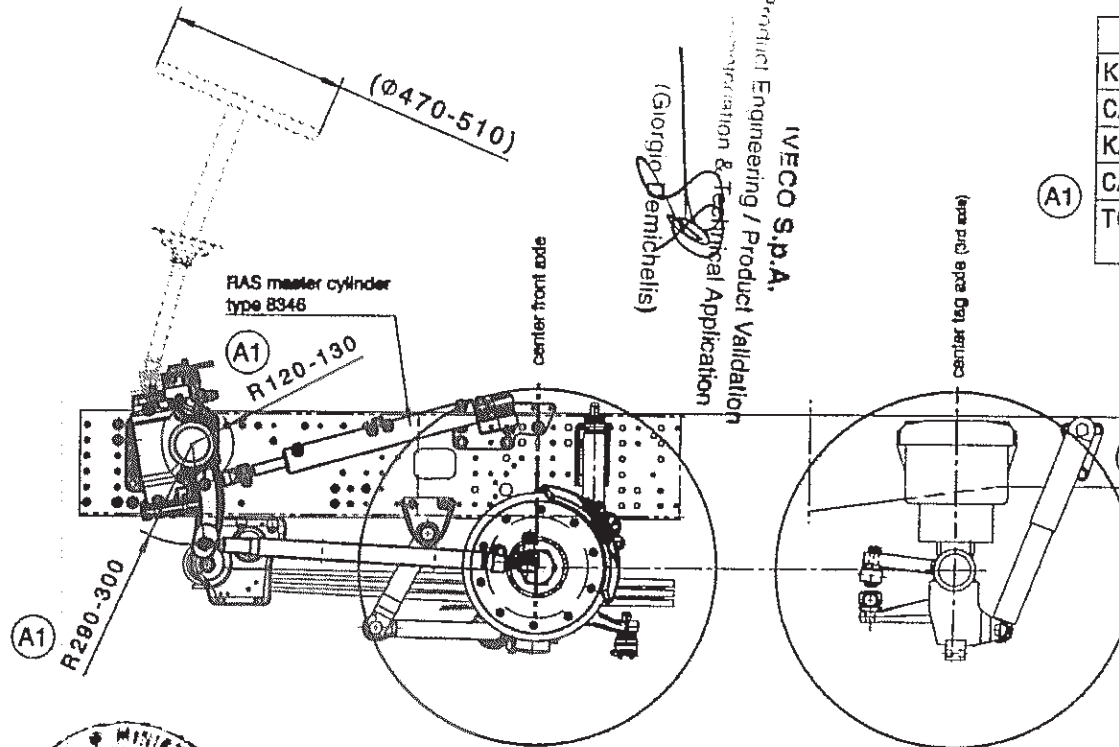
|                                |       |             |        |           |         |
|--------------------------------|-------|-------------|--------|-----------|---------|
| STANDARD 10-2359               |       | Material    |        | Standards | Code No |
| Schema                         | CNH   | n° 0        | n° 0   |           |         |
| Scale                          | 0.000 | Sheet No    |        |           |         |
| Designator                     |       | Lesson Code | 184500 |           |         |
| LINE DIAGRAM                   |       |             |        |           |         |
| 8x4/8x8 LHD/RHD_8099-1,5       |       |             |        |           |         |
| Model 8x4/8x8 LHD/RHD 8099-1,5 |       |             |        |           |         |
| No. 5802287105 DC 50-1494      |       |             |        |           |         |
| A2                             |       |             |        |           |         |

E24\*79R02/01\*0059\*00

IVECO S.p.A.  
Product Engineering / Product Validation  
Application & Technical Application  
(Giorgio Demichellis)

|                      | front axle | tag axle   |
|----------------------|------------|------------|
| K-O (KINGPIN-OFFSET) | *75 - 130  | *75 - 130  |
| CA (CAMBER-ANGLE)    | 0,8°       | 0,8°       |
| KA (KINGPIN-ANGLE)   | 7°         | 7°         |
| CASTER ANGLE         | 1,38° - 3° | 0°         |
| TOE-IN nominal value | +1,5mm/m   | -3,5mm/m   |
| tolerance            | (±1,5mm/m) | (±1,5mm/m) |

\* K-O (KINGPIN-OFFSET) depends on tyres and rim-sizes



steering wheel rotation angle: 2088°  
(from center to end lock: 1044° left and 1044° right)

overall ratio front axle =  $2088^\circ / (52^\circ + 36^\circ) = 23,7$   
overall ratio tag axle =  $2088^\circ / (23^\circ + 15,5^\circ) = 54,2$   
overall ratio tag axle =  $2088^\circ / (16,5^\circ + 12,9^\circ) = 71,0 \star$

Shown is LHD.  
RHD is mirror image.

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|                                                                                                          |            |            |               |                       |       |
|----------------------------------------------------------------------------------------------------------|------------|------------|---------------|-----------------------|-------|
| Model<br>1F+T LHD+RHD_steering-gear-type 8099-2-pumps l=22,2-26,2 Opt.78325 (Emergency steering circuit) |            |            |               |                       |       |
| Scale                                                                                                    | symbol     | A1         | 11EGM02043040 | 18.11.17              | Exc   |
| Designation                                                                                              | Lex Code   | 155367     |               |                       |       |
| Name                                                                                                     | Date       | AD         | 12CRY01009040 | 18.04.18              | NAB   |
| Drawn by                                                                                                 | 07.11.2017 | Lock       | Modifications | Notice Code           | Doc   |
| Checked by                                                                                               | 10.11.2017 |            |               |                       |       |
| Approved                                                                                                 | KOEBERLE   | Disseminat | E040          |                       |       |
| CNH INDUSTRIAL                                                                                           |            |            |               | No                    | Sheet |
|                                                                                                          |            |            |               | 5802037500 DD 50-1402 | 1/1   |

E24\*79R02/01\*0059\*00

Modifications A1 - IVECO this block replaced by CNH title block. Please also radius modified (was 500). castor angle of front axle (was 2-3°) and toe-in values updated. Add of 164-1-12 variant

