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Trasformazioni e Soluzioni per Veicoli Industriali

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TECHNICAL SHEET

IVECO ML210E Euro6 6x2 - configuration 1+2P

Maximum mass 21000 kg



DESCRIPTION

The conversion to 3 axles from a 4x2 vehicle is achieved **by the application of a rear original Iveco axle**, with single wheels, hydraulically steered and pneumatic suspension.

The hydraulic system for command steering on the added axle is completely independent and autonomous and does not effect in any way the steering on the original vehicle.

The vehicle in this configuration is suitable for bodies uniform loads in general.

DIMENSIONS AND BODY FITTING

Type of cabin	SHORT (distance 1 st axle ÷ start of body = 330 mm)							LONG (distance 1 st axle ÷ start of body = 880 mm)					
	Wheelbase vehicle	3105	3690	4185	4455	4815	5175	5670	3690	4185	4455	4815	5175
Interaxis 2 nd ÷ 3 rd asse	1395												
Minimum body fitting	5450	6350	7200	7700	8300	8900	9850	5250	6100	6550	7200	7800	8700
Maximum body fitting	5700	6750	7650	8150	8800	9400	10150	5650	6550	7100	7700	8300	9250
Max limit: 1 st axle: 5300 (6100), 2 nd axle (drive axle): 10700 (11000), 3 rd axle: 5700 (6000)													

Values are in kg and mm.

Note: the body fitting sizes specified are theoretical and must be checked in function of the real configuration of the vehicle.

TECHNICAL NOTE

- The original vehicle can have mechanical or pneumatic type suspension on the drive axle.
- Increase in vehicle tare from application of the axle equipped with tyres is approximately 900 kg.
- The turning radius remains with respect to 2 axle vehicles with the same wheelbase.
- The **suspension** of the 3rd added axle is **pneumatic**, with semi-spring single leaf + pneumatic bellow diapress, with axle lifting, to be used in slippery conditions to improve friction under the drive axle.
- The **rear added axle** has a **full command hydraulically steered axle** in both forward and reverse directions, type "TECHNOLOGY", always active (even in stationary manoeuvres).
- Tyres available: 305/70 R19.5 and 285/70 R19.5.
- The original vehicle with 2 axles, must be ordered from Iveco with a version predisposed for a conversion to 3 axles (**option IVECO 02091**, with ABS system 4 channel).

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