



TECHNICAL SHEET

E6 IVECO AD-AT 190S 4x2 into 6x2 - configuration 1+2C

Maximum mass 26000 kg (Hydraulic steering)



DESCRIPTION

The conversion to a 6X2 from a 4X2 is achieved by the application of a **central steering axle (original IVECO)**, with single wheels. The hydraulic steering system on the added central axle is completely independent and does not effect in any way the steering on the original vehicle. The vehicle in this configuration is suitable for roll-out, tippers, compactors, etc.

DIMENSIONS AND BODY FITTING

Type of cabin	SHORT (distance 1 st axle ÷ start of body = 465 mm)				LONG (distance 1 st axle ÷ start of body = 910 mm)			
	Wheelbase vehicle (*)	4200	4500	4800	5100	4200	4500	4800
Interaxis 2 nd ÷ 3 rd axle	1365							
Minimum body fitting	5150	5625	6150	6700	4300	4800	5300	5800
Maximum body fitting	5450	6000	6500	7000	4600	5150	5650	6150
Max limit: 1 st axle: 7500 (8000), 2 nd axle: 7500, 3 rd axle (drive axle): 12000								

Values are in kg and mm.

(*) All intermittent wheelbases not detailed in the table are also available.

NB: 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.
- After the conversion the overall vehicle weight (including tyres) is increased by approximately 900 kg.
- The turning radius remains unchanged with respect to a 2 axle vehicle with the same wheelbase.
- The suspension of the added axle is pneumatic (semi-spring with pneumatic bellow diapress).
- The axle is fitted with lifting device with automatic drop and partial load transfer onto the drive axle.
- The added IVECO axle is equipped with disk brakes the same as original Iveco.
- Tyres available: 315/80 R22.5 or 13 R22.5.
- **Advantages of the hydraulic steering on this configuration:**
 - there are no mechanical levers / links to cause obstruction for the body builder;
 - Front axle maintains its original weight limit and is not declassified to 7300 kg like the mechanical command steering.

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