



TECHNICAL SHEET

IVECO A440S T/P - tractor converted into a 3-axle rigid - configuration 1+2P – GVW 26000 kg



DESCRIZIONE

The conversion to 3 axles starting from a 2-axle tractor (4x2) with pneumatic rear suspension, is achieved by extending the frame (with constant section) and applying a rear axle with single wheels. The power supply of the hydraulic steering system of the added axle steering is completely independent and autonomous and therefore does not impede the driving comfort of the original vehicle in any way. The vehicle in this configuration is recommended for bodies requiring uniform load distribution.

DIMENSIONS AND BODY LENGTHS

Type of cabin	SHORT (distance 1° axle ÷ start of body = 465 mm)							LONG (distance 1° axle ÷ start of body = 910 mm)						
	Axle spread 1° ÷ 2° axle (*)	3800	4200	4500	4800	5100	5700	6050	3800	4200	4500	4800	5100	5700
Axle spread 2° ÷ 3° asse	1420													
Body length minimum	6050	6750	7200	7700	8200	9600	--	5200	5850	6350	6850	7350	8700	9300
Body length maximum	6600	7250	7750	8350	8850	9950	10125	5700	6450	6950	7450	8000	9050	9680
Weight limit: 1° axle: 8000 (7500), 2° axle (driven): 12000, 3° axle: 7500														

Values expressed in kg and mm.

(*) All intermediate steps not included in this table are also available.

Please note: the dimensions of the body lengths indicated are theoretical and must be checked according to the actual configuration of the vehicle.

TECHNICAL NOTES

- The suspension of the 3rd added axle is pneumatic, with a single leaf spring and pneumatic air bellow, with lifting device only for starting manoeuvres.
- The added rear axle is equipped with wheel hubs and disc brakes as the Iveco originals.
- The added rear axle can be equipped with:
- **Hydraulic steering** with an independent circuit in both forward and reverse directions, type "TECHNOLOGY", always active even during stationary manoeuvres;
- **Self-steering**, no hydraulic steering command (must be blocked in reverse).
- **The chassis is modified in accordance to the IVECO regulations, updating both the suspension units (ECAS) and the brakes (EBS) with relative re-parameterization in order to make it equal to the original version.**

For any clarification or support for the definition of the correct configuration of the vehicle, please contact us.