



## TECHNICAL SHEET

### RENAULT "C" EURO 6 4 axles - configuration 1+3C

Maximum mass **32000 kg** – combination **44000 kg** (if towing)



#### DESCRIPTION

The transformation to 4 axles with 3<sup>rd</sup> rear axle steered from a vehicle with 3 axle (6x2) is achieved by the **application of an intermediate axle**, with single wheels, hydraulically steered with pneumatic suspension and complete with automatic axle lifting device. 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 roll-out, tank, and insulated bodies and for uniform loads in general.

#### DIMENSIONS AND BODY FITTING

Type of cabin	SHORT (distance 1 <sup>st</sup> axle ÷ start of body = 615 mm)							LONG (distance 1 <sup>st</sup> axle ÷ start of body = 1485 mm)						
	Wheelbase vehicle (*)	4300	4600	4800	4900	5200	5600	6000	4300	4600	4800	4900	5200	5600
Interaxis 2 <sup>nd</sup> ÷ 3 <sup>rd</sup> asse	1355													
Minimum body fitting	6300	6800	7150	7350	7850	8550	9300	4600	5100	5450	5650	6150	6850	7600
Maximum body fitting	6750	7300	7700	7850	8500	9300	10020	5000	5600	6000	6150	6800	7600	8350
Max limit: 1 <sup>st</sup> axle: 8000; 2 <sup>nd</sup> axle: 7500, 3 <sup>rd</sup> axle (drive axle): 11500 (12000), 4 <sup>th</sup> axle: 7500														

Values are in kg and mm.

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

Note: maximum body fitting is limited by the minimum ratio between front axle weight and rear axle weight which is equal to 0.25 (minimum 6400 kg weight on the vehicle's front axle when the vehicle is fully loaded).

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

#### TECHNICAL NOTE

- Increase in vehicle tare from application of the axle equipped with tyres is approximately 900 kg.
- The turning radius remains with respect to 3 axle vehicles with the same wheelbase.
- On short wheelbases (4300, 4600 and 4800 mm it's necessary to replace the original battery case with a vertical System Truck.
- The spare wheel (always on short wheelbases) will not have space on the chassis.
- The suspension on the added axle is pneumatic.
- The added axle is equipped with disc brakes and hydraulic command steering always active.
- The axle is complete with lifting device.
- Tyres available: 315/80 R22.5, 315/70 R22.5, 315/60 R22.5, 385/65 R22.5 or 385/55 R22.5.
- The original vehicle should be ordered with a power take off device for the engine PTER (attach DIN 5462).

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