



TECHNICAL SHEET

SCANIA CB4X2H 3 axles - configuration 1+2C

Maximum mass **26000 kg**



DESCRIPTION

The transformation to 3 axles from a vehicle with 2 axles (4x2) is achieved by the **application of a central axle**, with single wheels, hydraulically steered with pneumatic suspension and complete with 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, tippers, compactors, etc.

DIMENSIONS AND BODY FITTING

Type of cabin	SHORT CP14 (distance 1 st axle ÷ start of body = 330 mm)				LONG CR19 (distance 1 st axle ÷ start of body = 890 mm)			
	4100	4300	4500	4700	4100	4300	4500	4700
Wheelbase vehicle (*)	4100	4300	4500	4700	4100	4300	4500	4700
Interaxis 2 nd ÷ 3 rd axle	1350							
Minimum body fitting	5400	5600	6000	6400	4200	4600	4900	5250
Maximum body fitting	5600	5800	6300	6700	4500	4850	5200	5550
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.

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

TECHNICAL NOTE

- The vehicle to be prepared should have front under-run protection (as directive 2000/40/EC).
- 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 the space available for the fuel tank should be verified.
- The minimum wheelbase (4100 mm) is possible with fuel tank on the drive side and Ad-Blue tank on the passengers side.
- It is no longer possible to house the spare wheel on the chassis with short wheelbases.
- The suspension of the 2nd added axle is pneumatic.
- The added axle has drum brakes as per original vehicle and the hydraulic steering is always active.
- The added axle is complete with axle lifting which is used to improve traction up to 10 km/h.
- Tyres available: 315/80 R22.5 or 13 R22.5.
- The original vehicle must be ordered with a power take off device for the engine ED 120 (Scania code 1759524).

For further information contact **BRENDAN RYAN 0039.0376.696809** or bryan@stsystemtruck.com

Non contractual document. The data contained in this technical sheet may be subject to changes without notice. Reproduction, even partial, is forbidden.

