



TECHNICAL SHEET

SCANIA LB6X2 4 axles - configuration 1+3C GVW 32000 kg



DESCRIPTION

The transformation to 4 axles with 3rd 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 CP14 (distance 1 st axle ÷ start of body = 330 mm)						LONG CR19 (distance 1 st axle ÷ start of body = 890 mm)					
	Wheelbase vehicle (*)	4100	4500	4900	5300	5700	6100	4100	4500	4900	5300	5700
Interaxis 2 nd ÷ 3 rd axle	1350											
Minimum body fitting	6450	7200	7900	8600	9300	10000	5400	6100	6800	7500	8300	9000
Maximum body fitting	6950	7800	8500	9300	10000	10160	5900	6700	7500	8300	9100	9600
Max limit: 1 st axle: 7500 (8000), 2 nd axle: 7500, 3 rd axle (drive axle): 11500, 4 th axle: 7500												

Values are in kg and mm.

(*) All intermittent wheelbases not detailed in the table are also available (4300 - 4700 - 5100 - 5500 - 5900).

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

- The vehicle to be prepared can have pneumatic rear suspensions.
- 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.
- It is no longer possible to house the spare wheel on the chassis with short wheelbases.
- The suspension of the added axle is pneumatic.
- The added axle has disc brakes and the hydraulic steering is always active.
- The added axle is complete with axle lifting device; it allows an unloaded or partially loaded vehicle to operate with the 2nd and 4th axles raised.
- The vehicle is available with tyres from 315/80 R22.5 to lower 315/60 R22.5.
- The original vehicle with DC12 or DC16 engine must be ordered with a power take off device for the engine ED 120 (Scania code 1759524).

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