



Leading producer of busses in Europe



A modern, environmentally-friendly, partly low-floor bus designed for public transport in inter-city and suburban areas. The new technologies, high quality, reliability and unique design concepts of technical aggregates form the fundamental conditions for its cost-effective operation. Through its wide range of constructional variability and diverse equipment the customers are offered the best solution to meet their demands.



**Bus**  
**SOR CN 12/12,5**  
**inter-city**



**Parameters of the bus**

**CN 12**

**CN 12,5**

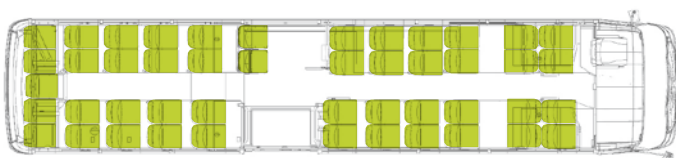
Dimensions	Length	11 790 mm	12 290 mm
	Axle base	6 180 mm	6 680 mm
	Width	2 525 mm	
	Height	2 950 mm	
Body	Number of doors	2	
	Front door width	800 mm	
	Width others doors	1 200 mm	
	Get on height	325 mm	
	Floor height front/back	360 / 800 mm	
	Seats	Intercity	
Weight	Service*	9 150 – 9 700 kg	9 480 – 9 950 kg
	Max. techn. acceptable	16 500 kg	16 500 kg
Capacity	Sitting*	33 – 41	39 – 45
	Total*	77 – 80	78 – 80
Properties	Turning radius – outline	11,1 m	11,6 m
	Approach/departure angle	9°/9°	
	Bus maximum speed	100 km/h	
Engine	Producer/type	FPT Industrial, S.p.A. /NEF 6 / Euro VI	
	Max. actual engine power	210 kW / 2500 rpm	
	Max. actual torque	1000 Nm / 1 250 rpm	
	Engine displacement	6 728 cm <sup>3</sup>	
Liquid tank	Fuel tank*	120 – 295 l	
	Ad-Blue	30 l	
Transmission	Producer/type	ZF / 6S1010BO	
Retarder	Producer/type	Voith / 123	
Front axle	Producer/type S	OR / BN 004	
Rear axle	Producer/type	Dana / G150	
Wheels	Disc/tire	7.50 x 19.5 / 285/70 R 19,5	
Brakes	Producer/type	Knorr / SN 6	
EBS/ESC	Producer	Wabco	
Steering	Producer/type	RBL / C 500V	
Independent heating	Producer/type	Eberspächer / Hydronic L	
Wiring	Type	Can Bus SAE 3	
Batteries	Producer / capacity	Varta / 170 Ah	
Optional accessories	Air-conditioning	Electric / compressor	
	Information system	According to customer's specification	

(\*depending on configuration)

**CN 12**



**CN 12,5**



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