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Your partner for  
**city, intercity**  
and **tourist** transport

**SOR CN 8,5 / CN 9,5 / CN 10,5**  
Intercity bus

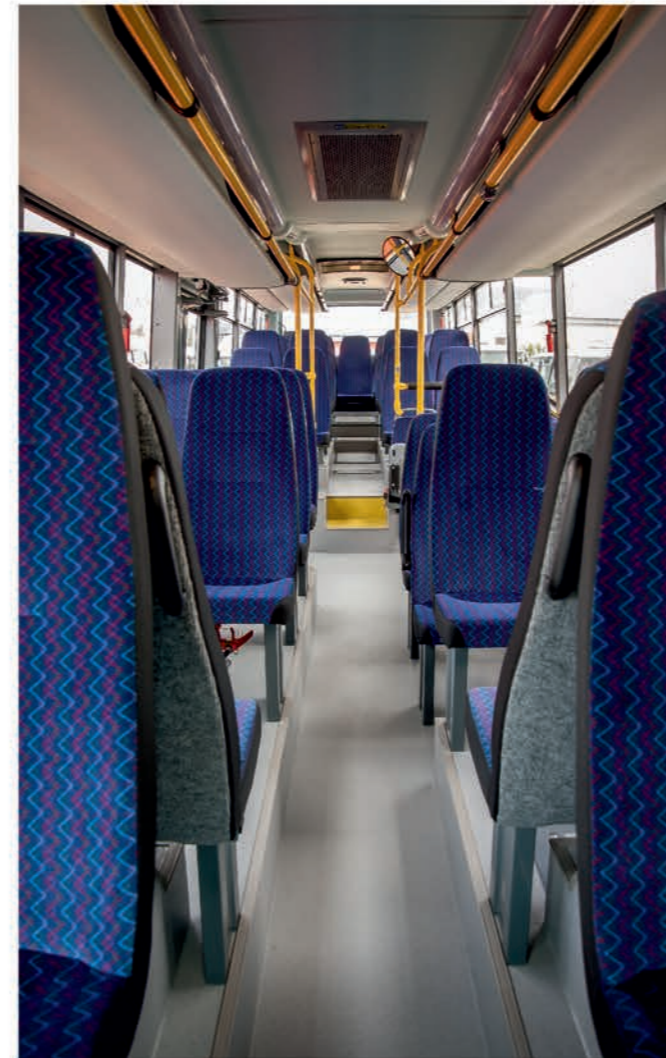


# SOR CN 8,5 / CN 9,5 / CN 10,5

## Intercity bus



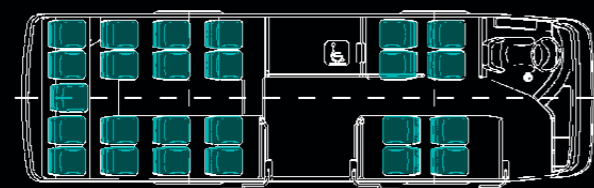
A modern, environmentally-friendly, partly low-floor bus designed for public transport in inter-city and suburban areas. The new technologies, high quality, reliability and unique design concepts of technical aggregates form the fundamental conditions for its cost-effective operation. Through its wide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



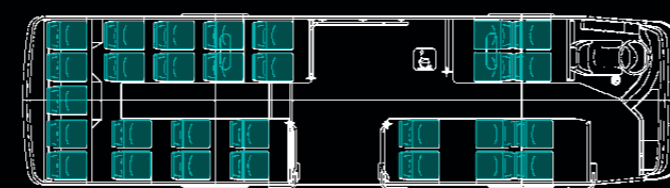
Parameters of the bus		CN 8,5	CN 9,5	CN 10,5
Dimensions	Length	8 400 mm	9 600 mm	10 750 mm
	Axle base	3 600 mm	4 450 mm	5 600 mm
	Width	2 525 mm		
	Height (with air conditioning)	2 950 (3 150 mm)		
Body	Number of doors	2		
	Front door width	800 mm		
	Width others doors	1 200 mm		
	Get on height	325 mm		
	Floor height front / back	360 / 800 mm		
	Seats	Intercity		
Weight	Service*	7 450 – 8 150 kg	7 950 – 8 750 kg	8 900 – 9 350 kg
	Max. techn. acceptable	11 990 kg	15 000 kg	
Capacity	Sitting*	24 – 25	28 – 29	31 – 35
Properties	Turning radius – outline	7,5 m	8,8 m	10,7 m
	Approach / departure angle	9° / 9°		
	Bus maximum speed	100 km/h		
Engine	Producer / Type	FPT Industrial, S.p.A. / NEF 4 / Euro VI	FPT Industrial, S.p.A. / NEF 6 / Euro VI	
	Max. actual engine power	137 kW / 2 500 rpm	184 kW / 2 500 rpm	
	Max. actual torque	750 Nm / 1 400 rpm	950 Nm / 1 400 rpm	
	Engine displacement	4 485 cm <sup>3</sup>	6 728 cm <sup>3</sup>	
Liquid tank	Fuel tank*	160 – 179 l	190 l	260 l
	Ad -Blue	30 l		
Transmission	Producer / Type	ZF / 6S1010B0		
Retarder	Producer / Type	Voith / PMR	Voith / 123 +	
Front axle	Producer / Type	ZF / RL55EC		
Rear axle	Producer / Type	Dana / Pei 4100		
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	Bosch / 8098		
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)

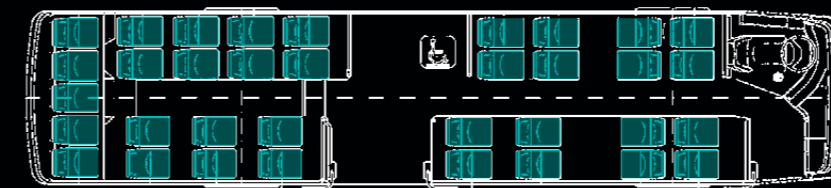
CN 8,5



CN 9,5



CN 10,5



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