



# CONVENTIONAL POWERTRAIN >

Product catalogue 2019/2020

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**CAF** | GROUP

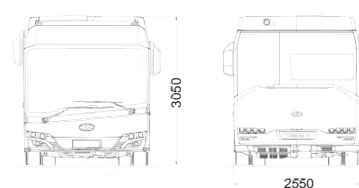
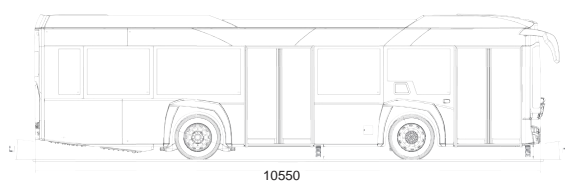
Driveline	<b>Engine</b>	
	Cummins B6.7E6D 250B (187 kW)	○
	Cummins B6.7E6D 280B (209 kW)	●
	Cummins B6.7E6D 300B (224 kW)	
	DAF MX-11 220 (220 kW)	○
	DAF MX-11 250 (251 kW)	○
	DAF MX-11 270 (270 kW)	○
	<b>Transmission</b>	
	Voith Diwa 6	●
	ZF-EcoLife	○
Chassis	<b>Fuel tank</b>	
	200 l	○
	310 l	●
	<b>AdBlue tank</b>	
	40 l (Cummins) / 50 l (DAF)	●
	<b>Front axle</b>	
	ZF RL 82 EC - independent suspension	●
	ZF RL 85 A - rigid suspension	○
	<b>Drive axle</b> - ZF AI32II - drive axle	●
	<b>Central lubrication</b>	
Bodywork	central lubrication point output in the chassis - solid lubricating oil	●
	central lubrication system with self-diagnostic - semi-fluid lubricating oil	○
	central lubrication system with self-diagnostic - solid lubricating oil	○
	<b>Steering</b> - Servocom	●
	<b>Braking circuit</b>	
	EBS (dual-circuit), braking system incorporating the anti-blocking system (ABS) and the traction control system (ASR), parking (hand) brake with emergency release function from the driver's seat, bus stop brake	●
	<b>Auxiliary brake</b> - transmission-integrated retarder	●
	<b>Suspension levelling system</b> - ECAS air suspension with function lowering the right side, lowering and raising bus, lowering right side by 70 mm, raising by some 60 mm	●
	<b>Bodywork frame</b> - stainless steel	●
	<b>Side panels</b> - removable side panels and wheel arch panels	●
Ventilation and air-conditioning	<b>Door arrangement</b>	1-2-0 2-2-0 1-2-1 2-2-1
	<b>Entrance height</b>	
	all doors, for tyre 275/70 R22.5	320 mm
	all doors, for tyre 295/80 R22.5	360 mm
	<b>Wheelchair ramp/ Access ramp</b>	
	at the 2th entrance, electric	●
	at the 2th entrance, positioned and stowed away manually	○
	<b>Passenger capacity seated</b>	
	1 <sup>st</sup> class	max. 45 + 2 + 1
	2 <sup>nd</sup> class	max. 47 + 0 + 1
Electrical	<b>Air-conditioning in the driver's cabin</b> - with electric drive	○
	<b>Air-conditioning in the passenger compartment</b> - with mechanical drive	○
	<b>Ventilation system</b> - dual-function fans (blowing and extraction facility)	●
	<b>Roof hatches</b>	
	electric	●
	<b>Passenger compartment heating system</b>	
	convector-type heaters	●
	2-stage heaters	●
	<b>Auxiliary heating system</b>	
	additional heater	○
	additional biofuel heater with a separate tank	○
Electrical	<b>Electrical installation</b>	
	electrical installation based on CAN-Bus system	●

		Urbino 10,5		
		standard	option	option
Driveline	<b>Engine</b>			
	Silnik Cummins B6.7E6D250B	○	○	
	Silnik Cummins B6.7E6D280B	○	○	
	Silnik Cummins B6.7E6D300B	○	○	
	DAF MX-11 H3 (220kW)		○	○
	DAF MX-11 H3 (250kW)		○	○
	DAF MX-11 H3 (270kW)		○	○
	<b>Transmission</b>			
	Voith Diwa 6	●	●	●
	ZF-EcoLife	○	○	○
	<b>Fuel tank</b>			
	200 l	○	○	
	310 l	●	●	
	360 l			●
	<b>AdBlue tank</b>			
	40 l (Cummins) / 50 l (DAF)	●	●	●
Chassis	<b>Front axle</b>			
	ZF RL 82 EC - independent suspension	●	●	●
	ZF RL 85 A - rigid suspension	○	○	○
	<b>Dive axle</b>			
	ZF AV 133 - portal axle	●	●	●
	<b>Central axle</b>			
	ZF AVN 132 - neutral axle			●
	<b>Central lubrication</b>			
	central lubrication point output in the chassis - solid lubricating oil	●	●	●
	central lubrication system with self-diagnostic - semi-fluid lubricating oil	○	○	○
	central lubrication system with self-diagnostic - solid lubricating oil	○	○	
	central lubrication system with self-diagnostic - lubricated by base grease (class NGLI-2) with lubrication of the articulation			○
	<b>Steering</b>			
	Servocom	●	●	●
	<b>Braking circuit</b>			
	EBS electronic (dual-circuit) braking system incorporating the anti-blocking system (ABS) and the traction control system (ASR), parking (hand) brake with emergency release function from the driver's seat, bus stop brake	●	●	●
	ESC (Electronic Stability Control)	○	○	
	<b>Auxiliary brake</b>			
	transmission-integrated retarder	●	●	●
	<b>Suspension levelling system</b>			
	ECAS air suspension with function lowering the right side, lowering and raising bus, lowering right side by 70 mm, raising by some 60 mm	●	●	●
Bodywork	<b>Bodywork frame</b>			
	stainless steel	●	●	●
	<b>Side panels</b>			
	removable side panels and wheel arch panels	●	●	●
	<b>Door arrangement</b>	1-2-0 2-2-0 1-2-2 2-2-2	1-2-0 2-2-0 1-2-2 2-2-2	1-2-2 2-2-2 1-2-2-2 2-2-2-2
	<b>Entrance hight</b>			
	1 <sup>st</sup> door	320 mm	320 mm	320 mm
	2 <sup>nd</sup> door	320 mm	320 mm	320 mm
	3 <sup>rd</sup> door	320 mm	320 mm	320 mm
	4 <sup>th</sup> door			320 mm

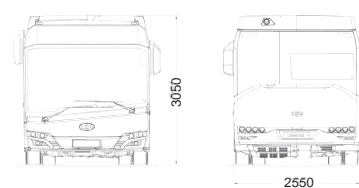
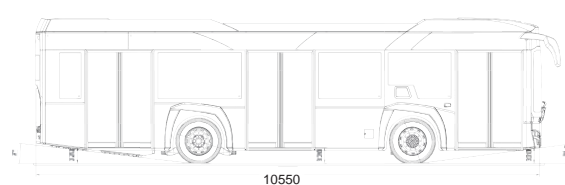


standard ● option ○		Urbino 10,5	Urbino 12	Urbino 18
Bodywork	<b>Access ramp</b>			
	wheelchair ramp at the 2 <sup>nd</sup> entrance, positioned and stowed away manually	●	●	●
	wheelchair ramp at the 2 <sup>nd</sup> entrance, electric	○	○	○
	<b>Passenger capacity seated</b>	max. 29 + 3 + 1	max. 37 + 3 + 1	max. 47 + 6 + 1
Ventilation and air-conditioning	<b>Air-conditioning in the driver's cabin</b>			
	air-conditioning with electrical drive	○	○	○
	<b>Air-conditioning in the passenger compartment</b>			
	air-conditioning with mechanical drive / electrical	○	○	○
	<b>Ventilation system</b>			
	dual-function fans (blowing and extraction facility)	●	●	●
	<b>Roof hatches</b>			
	manual	●	●	●
	electric	○	○	○
	<b>Passenger compartment heating system</b>			
	convector-type heaters	●	●	●
	2-stage heaters	●	●	●
	<b>Auxiliary heating system</b>			
	additional heater	○	○	○
	additional biofuel heater with a separate tank	○	○	○
Electrical	<b>Electrical installation</b>			
	electrical installation based on CAN-Bus system	●	●	●

## ➤ Urbino 10,5 2-2-0

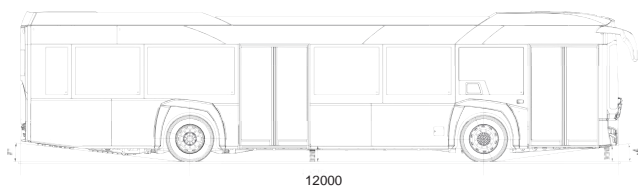


## ➤ Urbino 10,5 2-2-2

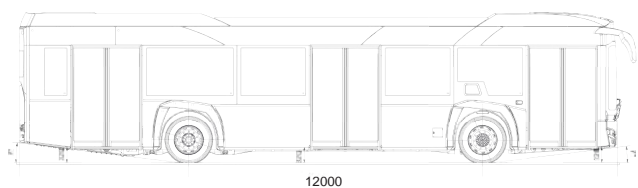




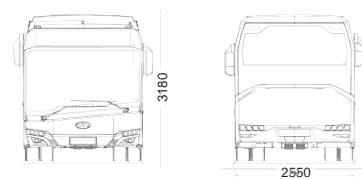
➤ **Urbino 12 2-2-0**



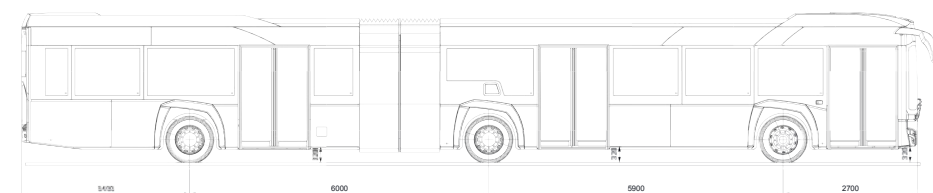
➤ **Urbino 12 2-2-2**



➤ **Urbino 12 LE 2-2-0**



➤ **Urbino 18 2-2-2-0**



➤ **Urbino 18 2-2-2-2**

