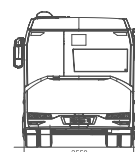
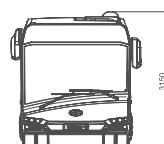
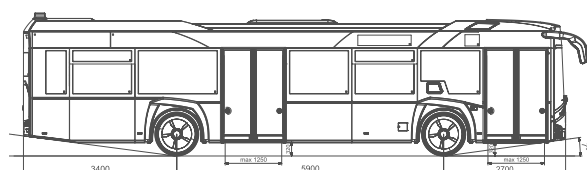
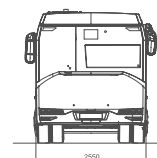
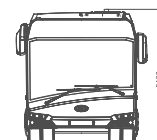
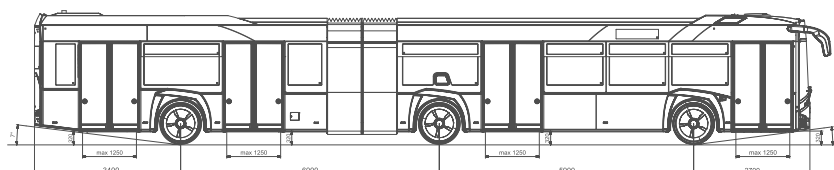


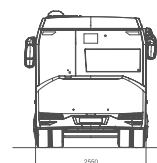
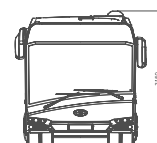
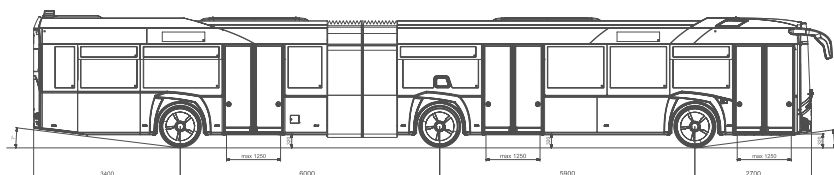
**new Urbino 12
2-2-2**



**new Urbino 12
2-2-0**



**new Urbino 18
2-2-2-2**



**new Urbino 18
2-2-2-0**



standard ● option ○

new Urbino 12 new Urbino 18

Driveline	Engine		
	Cummins ISB6.7 E6 250B (187 kW)	○	
	Cummins ISB6.7 E6 280B (209 kW)	●	
	DAF MX11 210 (210 kW)	○	
	DAF MX11 240 (240 kW)	○	●
	DAF MX11 271 (271 kW)	○	○
	Transmission		
	Voith Diwa 6	●	●
	ZF Ecolife	○	○
	Fuel tank		
Chassis	240 litres	●	
	310 litres	○	
	300 litres		●
	360 litres*		○
	AdBlue-tank		
	40 l (Cummins) / 50 l (DAF)	●	●
	Front axle		
	ZF independent suspension	●	●
	ZF rigid gantry axle	○	○
	Drive axle – ZF gantry axle	●	●
Bodywork	Centre axle – ZF neutral gantry axle		●
	Central lubrication		
	central lubrication point - solid oil	●	●
	central lubrication system with self-diagnostic – semi-fluid oil	○	○
	Steering – ZF Servocom	●	●
	Brakes		
	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)	○	
	Auxiliary brake – transmission-integrated retarder	●	●
	Suspension levelling system – ECAS air suspension with kneeling function, raising by some 60 mm, lowering by 70 mm	●	●
Ventilation and air-conditioning	Bodywork frame – stainless steel	●	●
	Side panels – aluminium panels + plastic elements	●	●
	Door arrangement	1-2 2-2 1-2-2 2-2-2	1-2-2 2-2-2 1-2-2-2 2-2-2-2
	Maximum entrance height		
	all doors	320 mm	320 mm
	Access ramp – wheelchair ramp at the 2nd entrance, positioned and stowed away manually	●	●
	Passenger capacity seated (depending on specification)	25-36 + 1	29-47 + 1
	Air-conditioning in the driver's cabin – with electrical drive	○	○
	Air-conditioning in the passenger compartment – with mechanical drive	○	○
	Ventilation system – dual-function fans (blowing and extraction facility)	●	●
Electrical system	Roof hatches		
	manual	●	●
	electric	○	○
	Passenger compartment heating system		
	convector-type heaters	●	●
	two-stage blowers	●	●
	Auxiliary heating system		
	Spheros (Webasto)	○	○
	Eberspächer (bio-fuel heater), heating tank	○	○
	Wiring looms and boards		
	CAN-bus based electrical system	●	●

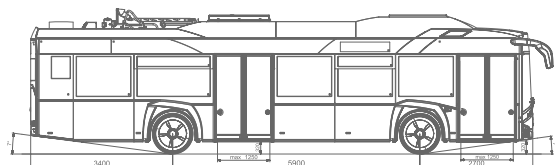
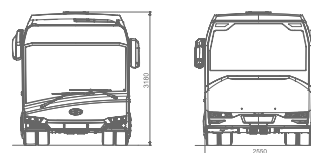
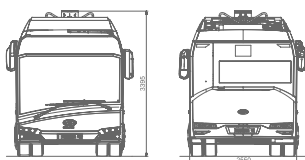
* – available in selected configurations

standard ● option ○

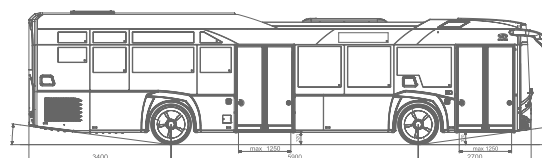
new Urbino 12 electric

Driveline	Engine	
	central motor 160 kW	●
	motors in drive axle 2x60 kW	○
	Traction batteries	
Charging system	lithium-ion (operational voltage depending on specification)	●
	operational performance up to 24h (depending on batteries power and charging system)	●
	Charging system	
	plug-in	●
Chassis	pantograph	○
	inductive	○
	Front axle	
	ZF independent suspension	●
	ZF rigid gantry axle	○
	Drive axle	
	ZF gantry axle	●
	ZF gantry axle with integrated electric motors	○*
	Central lubrication	
	central lubrication point – solid oil	●
	central lubrication system with self-diagnostic – semi-fluid oil	○
	Steering – ZF Servocom	●
	Brakes – 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	
	Suspension levelling system – ECAS air suspension with kneeling function, raising by some 60 mm, lowering by 70 mm	
	Bodywork frame – stainless steel	
	Side panels – aluminium panels + plastic elements	
Bodywork	Door arrangement	1-2 2-2 1-2-2 2-2-2
	Maximum entrance height	320 mm
	Access ramp – wheelchair ramp at the 2 nd entrance, positioned and stowed away manually	●
	Passenger capacity seated (depending on specification)	23-37 + 1
Ventilation and air-conditioning	Air-conditioning in the driver's cabin – with electrical drive	
	Air-conditioning in the passenger compartment – with electrical drive	
	Ventilation system – dual-function fans (blowing and extraction facility)	●
	Auxiliary heating system	
Electrical system	Spheros (Webasto)	○
	Eberspächer (bio-fuel heater), heating tank	○
	Wiring looms and boards	
	CAN-Bus based electrical system	●

* – available in selected configurations



new Urbino 12 electric
2-2-0



new Urbino 12 LE
2-2-0

Driveline	Engine	
	Cummins ISB6.7E6 250B (187 kW)	○
	Cummins ISB6.7E6 280B (209 kW)	●
	DAF MX11 210 (210 kW)	○
	DAF MX11 240 (240 kW)	○
	DAF MX11 271 (271 kW)	○
	Transmission	
	Voith Diwa 6	●
	ZF Ecolife	○
	Fuel tank	
Chassis	240 litres	●
	310 litres	○
	AdBlue tank	
	40 l (Cummins) / 50 l (DAF)	●
	Front axle	
	ZF independent suspension	●
	ZF rigid gantry axle	○
	Drive axle – ZF	●
	Central lubrication	
	central lubrication point output in the chassis – solid oil	●
Bodywork	central lubrication system with self-diagnostic – semi-fluid oil	○
	Steering – ZF Servocom	●
	Brakes	
	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	●
	Auxiliary brake – transmission-integrated retarder	●
	Suspension levelling system – ECAS air suspension with kneeling function, raising by some 60 mm, lowering by 70 mm	●
	Bodywork frame – stainless steel	●
	Side panels – aluminium panels + plastic elements	●
	Door arrangement	1-2 2-2 1-2-1 2-2-1
	Maximum entrance height	
Ventilation and air-conditioning	all doors, for tyres 275/70 R22.5	320 mm
	all doors, for tyres 295/80 R22.5	360 mm
	Access ramp – wheelchair ramp at the 2 nd entrance, positioned and stowed away manually	●
	Passenger capacity seated (depending on specification)	31-45 + 1
	Air-conditioning in the driver's cabin – with electrical drive	○
	Air-conditioning in the passenger compartment – with mechanical drive	○
	Ventilation system – dual-function fans (blowing and extraction facility)	●
	Roof hatches	
	electric	●
	Passenger compartment heating system	
Electrical system	convector-type heaters	●
	two-stage blowers	●
	Auxiliary heating system	
	Spheros (Webasto)	○
	Eberspächer (bio-fuel heater), heating tank	○
Electrical system	Wiring looms and boards	
	CAN-Bus based electrical system	●

Solaris Bus & Coach S.A.
ul. Obornicka 46, 62-005 Owińska, Poland
Tel. +48 61 667 2333, Fax +48 61 667 2310
solarisbus@solarisbus.com, www.solarisbus.com

