



# CONVENTIONAL POWERTRAIN

Product catalogue 2023





### Technical specifications

Urbino 10,5	03
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Urbino 18	05

### Technical drawings

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### Photos

07 - 09

More: [www.solarisbus.com](http://www.solarisbus.com)

Urbino 10,5		● standard ○ option
Driveline	<b>Engine</b>	
	Cummins B6.7E6D 250B (182 kW)	●
	Cummins B6.7E6D 280B (204 kW)	○
	Cummins B6.7E6D 300B (220kW)	○
	PACCAR MX-11 220 H3 (220 kW)	○
	PACCAR MX-11 250 H3 (251 kW)	○
	PACCAR MX-11 270 H3 (270 kW)	○
	<b>Transmission</b>	
	ZF-EcoLife	○
	Voith DIWA.6	●
Voith Diwa NXT + CRU (mild hybrid)	○	
<b>Fuel tank</b>		
200 l	○	
310 l	●	
<b>AdBlue tank</b>		
40 l (Cummins) / 50 l (DAF)	●	
Chassis	<b>Front axle</b>	
	ZF independent suspension	●
	ZF rigid axle	○
	<b>Drive axle</b>	
	portal axle	●
	<b>Central lubrication</b>	
	central lubrication point - solid lubricating grease	●
	central lubrication system with self-diagnostic - semi-fluid lubrication grease	○
	central lubrication system with self-diagnostic - solid lubricating grease	○
	<b>Steering system</b>	
	RB Servocom	●
	Hema	○
	<b>Braking system</b>	
	EBS (Electronic Braking System), ABS (Anti-Lock Braking System), ASR (Acceleration Slip Regulation)	●
	ESC (Electronic Stability Control)	○
<b>Auxiliary brake</b>		
transmission-integrated retarder	●	
<b>Suspension levelling system</b>		
ECAS air suspension with leveling and kneeling function	●	

Urbino 10,5		● standard ○ option
Bodywork	<b>Body structure</b>	
	stainless steel	●
	<b>Side panels</b>	
	removable side panels	●
	<b>Door arrangement</b>	
		1-2-0
		2-2-0
		1-2-2
		2-2-2
	<b>Entrance height</b>	
entrance height for all doors and 275x70R22.5 tyres	320 mm	
<b>Wheelchair ramp</b>		
wheelchair ramp at the 2nd entrance, manually operated	●	
wheelchair ramp at the 2nd entrance, electrically operated	○	
<b>Number of passenger seats (depending on door arrangement and equipment)</b>		
class - I	max. 29 + 3	
Heating, ventilation and air-conditioning	<b>Air-conditioning in the driver's cabin</b>	
	air-conditioning with electric drive	○
	<b>Air-conditioning in the passenger compartment</b>	
	air-conditioning with mechanical drive	○
	<b>Ventilation system</b>	
	dual-function fans	●
	<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 installation	<b>Electrical installation</b>	
	electrical installation based on CAN-Bus system	●

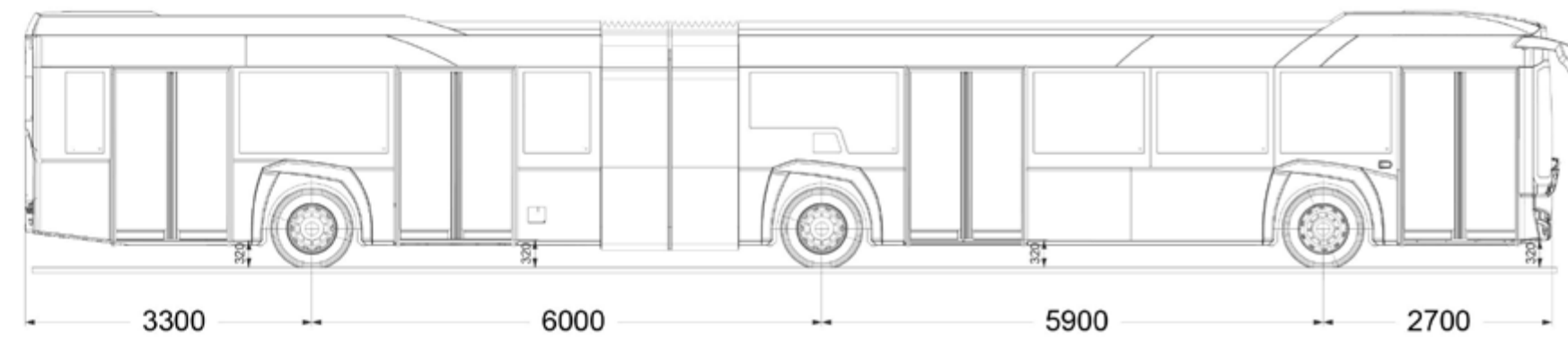
Urbino 12		● standard ○ option
Driveline	<b>Engine</b>	
	Cummins B6.7E6D 250B (182 kW)	○
	Cummins B6.7E6D 280B (204 kW)	●
	Cummins B6.7E6D 300B (220kW)	○
	PACCAR MX-11 220 H3 (220 kW)	○
	PACCAR MX-11 250 H3 (251 kW)	○
	PACCAR MX-11 270 H3 (270 kW)	○
	<b>Transmission</b>	
	ZF-EcoLife	○
	Voith DIWA.6	●
Voith Diwa NXT + CRU (mild hybrid)	○	
<b>Fuel tank</b>		
200 l	○	
310 l	●	
<b>AdBlue tank</b>		
40 l (Cummins) / 50 l (DAF)	●	
Chassis	<b>Front axle</b>	
	ZF independent suspension	●
	ZF rigid axle	○
	<b>Drive axle</b>	
	portal axle	●
	<b>Central lubrication</b>	
	central lubrication point - solid lubricating grease	●
	central lubrication system with self-diagnostic - semi-fluid lubrication grease	○
	central lubrication system with self-diagnostic - solid lubricating grease	○
	<b>Steering system</b>	
	RB Servocom	●
	Hema	○
	<b>Braking system</b>	
	EBS (Electronic Braking System), ABS (Anti-Lock Braking System), ASR (Acceleration Slip Regulation)	●
	ESC (Electronic Stability Control)	○
<b>Auxiliary brake</b>		
transmission-integrated retarder	●	
<b>Suspension levelling system</b>		
ECAS air suspension with leveling and kneeling function	●	

Urbino 12		● standard ○ option
Bodywork	<b>Body structure</b>	
	stainless steel	●
	<b>Side panels</b>	
	removable side panels	●
	<b>Door arrangement</b>	
		1-2-0
		2-2-0
		1-2-2
		2-2-2
	<b>Entrance height</b>	
entrance height for all doors and 275x70R22.5 tyres	320 mm	
<b>Wheelchair ramp</b>		
wheelchair ramp at the 2nd entrance, manually operated	●	
wheelchair ramp at the 2nd entrance, electrically operated	○	
<b>Number of passenger seats (depending on door arrangement and equipment)</b>		
class - I	max. 37 + 3	
Heating, ventilation and air-conditioning	<b>Air-conditioning in the driver's cabin</b>	
	air-conditioning with electric drive	○
	<b>Air-conditioning in the passenger compartment</b>	
	air-conditioning with mechanical drive	○
	<b>Ventilation system</b>	
	dual-function fans	●
	<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 installation	<b>Electrical installation</b>	
	electrical installation based on CAN-Bus system	●

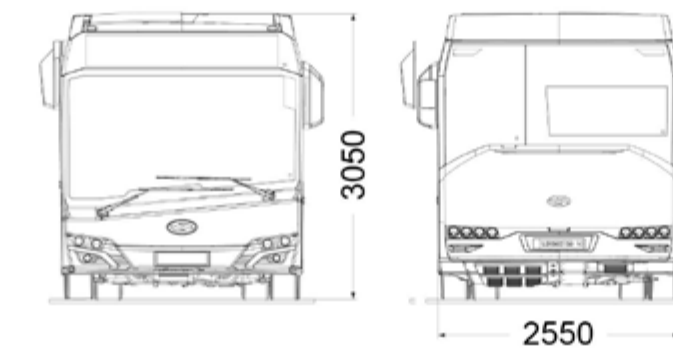
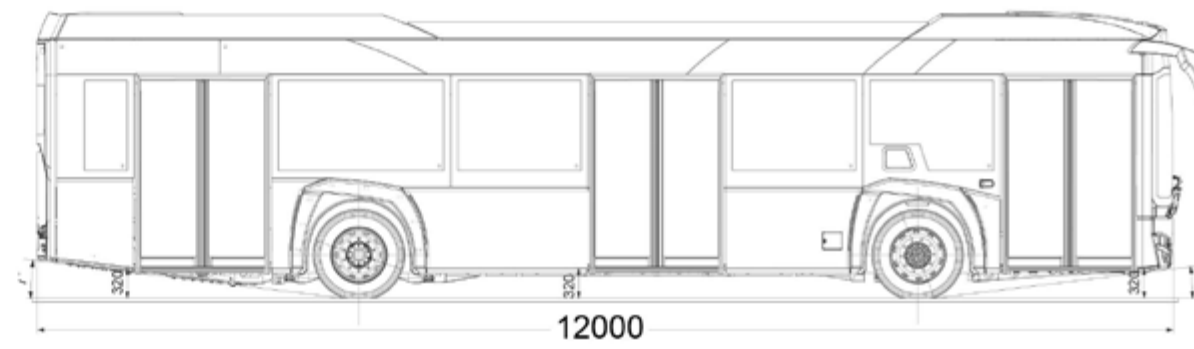
Urbino 18		● standard ○ option
Driveline	<b>Engine</b>	
	PACCAR MX-11 250 H3 (251 kW)	●
	PACCAR MX-11 270 H3 (270 kW)	○
	<b>Transmission</b>	
	ZF-EcoLife	○
	Voith DIWA.6	●
	<b>Fuel tank</b>	
360 l	●	
<b>AdBlue tank</b>		
40 l (Cummins) / 50 l (DAF)	●	
Chassis	<b>Front axle</b>	
	ZF independent suspension	●
	ZF rigid axle	○
	<b>Drive axle</b>	
	portal axle	●
	<b>Central axle</b>	
	neutral axle	●
	<b>Central lubrication</b>	
	central lubrication point - solid lubricating grease	●
	central lubrication system with self-diagnostic - semi-fluid lubrication grease	○
	central lubrication system with self-diagnostic - solid lubricating grease with articulation lubrication	○
	<b>Steering system</b>	
	RB Servocom	●
	<b>Braking system</b>	
	EBS (Electronic Braking System), ABS (Anti-Lock Braking System), ASR (Acceleration Slip Regulation)	●
<b>Auxiliary brake</b>		
transmission-integrated retarder	●	
<b>Suspension levelling system</b>		
ECAS air suspension with leveling and kneeling function	●	

Urbino 18		● standard ○ option
Bodywork	<b>Body structure</b>	
	stainless steel	●
	<b>Side panels</b>	
	removable side panels	●
	<b>Door arrangement</b>	
		1-2-2-0
		2-2-2-0
		1-2-2-2
		2-2-2-2
	<b>Entrance height</b>	
entrance height for all doors and 275x70R22.5 tyres	320 mm	
<b>Wheelchair ramp</b>		
wheelchair ramp at the 2nd entrance, manually operated	●	
wheelchair ramp at the 2nd entrance, electrically operated	○	
<b>Number of passenger seats (depending on door arrangement and equipment)</b>		
class - I	max. 48 + 6	
Heating, ventilation and air-conditioning	<b>Air-conditioning in the driver's cabin</b>	
	air-conditioning with electric drive	○
	<b>Air-conditioning in the passenger compartment</b>	
	air-conditioning with mechanical drive	○
	<b>Ventilation system</b>	
	dual-function fans	●
	<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 installation	<b>Electrical installation</b>	
	electrical installation based on CAN-Bus system	●

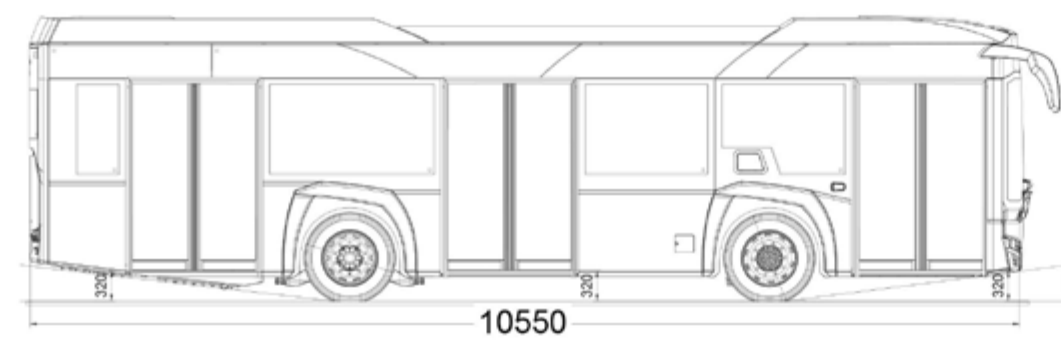
› Urbino 18



› Urbino 12



› Urbino 10,5



Solaris Urbino 18 | Oslo



Solaris Urbino 18 | Oslo



Solaris Urbino 18 | Płock



Solaris Urbino 18 | Płock



Solaris Urbino 10,5 | Demonstration vehicle



Solaris Urbino 12 | Tarnowo Podgórne



Solaris Urbino 12 | Tarnowo Podgórne



Solaris Urbino 10,5 | Demonstration vehicle





Solaris Urbino 12 | Tyrol, Austria



Solaris Urbino 12 | Kędzierzyn Koźle



Solaris Urbino 12 | Glonn



Solaris Urbino 12 | Glonn



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