



new Urbino 12 2-2-2





new Urbino 18 2-2-2-2

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new Urbino 18 2-2-2-0

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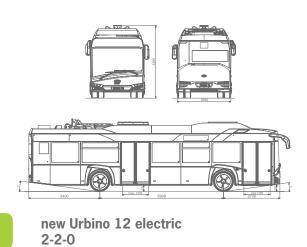


| | standard • | option o | new Urbino 12 | new Urbino 18 |
|----------------------------------|--|--|---------------|------------------|
| | Engine | | | |
| | Cummins ISB6.7 E6 25 | 0B (187 kW) | 0 | |
| | Cummins ISB6.7 E6 28 | 0B (209 kW) | ٠ | |
| | DAF MX11 210 (210 kV | V) | 0 | |
| | DAF MX11 240 (240 kV | V) | 0 | • |
| | DAF MX11 271 (271 kV | V) | 0 | 0 |
| | Transmission | | | |
| Driveline | Voith Diwa 6 | | ٠ | ٠ |
| Drive | ZF Ecolife | | 0 | 0 |
| | Fuel tank | | | |
| | 240 litres | | ٠ | |
| | 310 litres | | 0 | |
| | 300 litres | | | • |
| | 360 litres* | | | 0 |
| | AdBlue-tank | | | |
| | 40 I (Cummins) / 50 I (E | DAF) | ٠ | ٠ |
| | Front axle | | | |
| | ZF independent suspens | sion | ٠ | • |
| | ZF rigid gantry axle | | 0 | 0 |
| | Drive axle – ZF gantry ax | le | ٠ | ٠ |
| | Centre axle – ZF neutral | gantry axle | | ٠ |
| | Central lubrication | | | |
| s | central lubrication point | - solid oil | ٠ | • |
| Chassis | central lubrication syste | m with self-diagnostic – semi-fluid oil | 0 | 0 |
| 5 L | Steering – ZF Servocom | | ٠ | ۰ |
| | Brakes | | | |
| | | cuit) braking system incorporating the anti-blocking system (ABS) and the traction control | ٠ | ٠ |
| | | hand) brake with emergency release function from the driver's seat, bus stop brake | | |
| | ESC (Electronic Stability | | 0 | |
| | Auxiliary brake – transm | | • | ٠ |
| | Suspension levelling sy lowering by 70 mm | stem – ECAS air suspension with kneeling function, raising by some 60 mm, | ٠ | ٠ |
| | Bodywork frame - stain | less steel | ٠ | ٠ |
| | Side panels – aluminium | panels + plastic elements | ٠ | ٠ |
| | | | 1-2 | 1-2-2 |
| ork | Door arrangement | | 2-2 1-2-2 | 2-2-2 1-2-2-2 |
| Bodywork | | | 2-2-2 | 2-2-2-2 |
| Bo | Maximum entrance hei | ght | | |
| | all doors | | 320 mm | 320 mm |
| | | air ramp at the 2 nd entrance, positioned and stowed away manually | • | ۰ |
| | Passenger capacity sea | ated (depending on specification) | 25-36 + 1 | 29-47 + 1 |
| | Air-conditioning in the o | driver's cabin – with electrical drive | 0 | 0 |
| | Air-conditioning in the p | bassenger compartment – with mechanical drive | 0 | 0 |
| ing | Ventilation system - dua | al-function fans (blowing and extraction facility) | ٠ | ٠ |
| ition | Roof hatches | | | |
| cond | manual | | • | • |
| Ventilation and air-conditioning | electric | | 0 | 0 |
| and | Passenger compartment | nt heating system | | |
| ation | convector-type heaters | | • | • |
| ntila | two-stage blowers | | ٠ | ٠ |
| Ve | Auxiliary heating system | n | | |
| | Spheros (Webasto) | | 0 | 0 |
| | Eberspächer (bio-fuel he | eater), heating tank | 0 | 0 |
| Electrical system | Wiring looms and board | ds | | |
| Elec | CAN-bus based electric | al system | ٠ | ٠ |

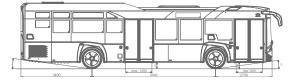
*- available in selected configurations

new Urbino 12 electric

| - | Engine | | | |
|----------------|---|------------------------------|--|--|
| | central motor 160 kW | • | | |
| , . | motors in drive axle 2x60 kW | 0 | | |
| | Traction batteries | | | |
| | lithium-ion (operational voltage depending on specification) | • | | |
| | operational performance up to 24h (depending on batteries power and charging system) | • | | |
| | Charging system | | | |
| system | plug-in | • | | |
| sys | pantograph | 0 | | |
| | inductive | 0 | | |
| | Front axle | | | |
| | ZF independent suspension | • | | |
| | ZF rigid gantry axle | 0 | | |
| | Drive axle | | | |
| | ZF gantry axle | • | | |
| SIS | ZF gantry axle with integrated electric motors | 0* | | |
| Chassis | Central lubrication | | | |
| | central lubrication point – solid oil | • | | |
| | central lubrication system with self-diagnostic – semi-fluid oil | 0 | | |
| | 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 | ٥ | | |
| | Suspension levelling system – ECAS air suspension with kneeling function, raising by some 60 mm, lowering by 70 mm | ۰ | | |
| | Bodywork frame – stainless steel | ۰ | | |
| | Side panels – aluminium panels + plastic elements | ٠ | | |
| Bodywork | Door arrangement | 1-2 2-2 1-2-2 2-2-2 | | |
| Bo | Maximum entrance height | | | |
| | all doors | 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 | | |
| 0.0 | Air-conditioning in the driver's cabin - with electrical drive | 0 | | |
| | Air-conditioning in the passenger compartment – with electrical drive | 0 | | |
| air-conditioni | Ventilation system – dual-function fans (blowing and extraction facility) | • | | |
| IL-CO | Auxiliary heating system | | | |
| and ai | Spheros (Webasto) | 0 | | |
| 9 | Eberspächer (bio-fuel heater), heating tank | 0 | | |
| em | Wiring looms and boards | | | |
| system | CAN-Bus based electrical system | • | | |









| | dard ● option ○ | new Urbino 12 |
|--|---|--|
| Engine | | |
| Cummins | ISB6.7E6 250B (187 kW) | 0 |
| | ISB6.7E6 280B (209 kW) | • |
| | 1 210 (210 kW) | 0 |
| | 1 240 (240 kW) | 0 |
| | 1 271 (271 kW) | 0 |
| Transmissi | | |
| Voith Diw | | • |
| ZF Ecolife | | 0 |
| Fuel tank | · | |
| 240 litres | | • |
| 310 litres | | 0 |
| AdBlue tar | | 0 |
| | mins) / 50 I (DAF) | • |
| Front axle | | • |
| | | |
| | ndent suspension | • |
| | antry axle | 0 |
| Drive axle | | ٠ |
| Central lut | | |
| | prication point output in the chassis – solid oil | • |
| | brication system with self-diagnostic – semi-fluid oil | 0 |
| | ZF Servocom | ۰ |
| | ronic (dual-circuit) braking system incorporating the anti-blocking system (ABS) and the traction control system (ASR), parking ike with emergency release function from the driver's seat, bus stop brake | • |
| | rake – transmission-integrated retarder | • |
| | 1 levelling system – ECAS air suspension with kneeling function, raising by some 60 mm, lowering by 70 mm | ٠ |
| | frame – stainless steel | |
| , | | • |
| Side nanel | s – aluminium nanels + nlastic elements | • |
| Side panel Door arrar | s – aluminium panels + plastic elements gement | • 1-2 2-2 1-2-1 |
| Door arrar | igement | • 1-2 2-2 |
| Door arran Maximum | igement entrance height | • 1-2 2-2 1-2-1 2-2-1 |
| Door arran Maximum all doors, | entrance height for tyres 275/70 R22.5 | • 1-2 2-2 1-2-1 2-2-1 320 mm |
| Door arran Maximum all doors, all doors, | entrance height for tyres 275/70 R22.5 for tyres 295/80 R22.5 | • 1-2 2-2 1-2-1 2-2-1 |
| Door arran Maximum all doors, all doors, | entrance height for tyres 275/70 R22.5 | • 1-2 2-2 1-2-1 2-2-1 2-2-1 320 mm |
| Door arran Maximum all doors, all doors, Access ran | entrance height for tyres 275/70 R22.5 for tyres 295/80 R22.5 | • 1-2 2-2 1-2-1 2-2-1 320 mm |
| Door arran Maximum all doors, all doors, Access ran Passenger | entrance height for tyres 275/70 R22.5 for tyres 295/80 R22.5 mp – wheelchair ramp at the 2 nd entrance, positioned and stowed away manually | • 1-2 2-2 1-2-1 2-2-1 320 mm 360 mm |
| Door arran Maximum all doors, all doors, Access ran Passenger Air-conditi | entrance height for tyres 275/70 R22.5 for tyres 295/80 R22.5 mp – wheelchair ramp at the 2 nd entrance, positioned and stowed away manually capacity seated (depending on specification) | • 1-2 2-2 1-2-1 2-2-1 320 mm 360 mm • 31-45 + 1 |
| Door arran Maximum all doors, all doors, Access ran Passenger Air-conditi Air-conditi | entrance height for tyres 275/70 R22.5 for tyres 295/80 R22.5 mp – wheelchair ramp at the 2 nd entrance, positioned and stowed away manually capacity seated (depending on specification) poing in the driver's cabin – with electrical drive | • 1-2 2-2 1-2-1 2-2-1 320 mm 360 mm • 31-45 + 1 o |
| Door arran Maximum all doors, all doors, Access ran Passenger Air-conditi Air-conditi Ventilation | entrance height for tyres 275/70 R22.5 for tyres 295/80 R22.5 mp – wheelchair ramp at the 2 nd entrance, positioned and stowed away manually capacity seated (depending on specification) oning in the driver's cabin – with electrical drive oning in the passenger compartment – with mechanical drive system – dual-function fans (blowing and extraction facility) | • 1-2 2-2 1-2-1 2-2-1 320 mm 360 mm • 31-45 + 1 o o |
| Door arran Maximum all doors, all doors, Access ran Passenger Air-conditi Air-conditi Ventilation | entrance height for tyres 275/70 R22.5 for tyres 295/80 R22.5 mp – wheelchair ramp at the 2 nd entrance, positioned and stowed away manually capacity seated (depending on specification) oning in the driver's cabin – with electrical drive oning in the passenger compartment – with mechanical drive system – dual-function fans (blowing and extraction facility) | • 1-2 2-2 1-2-1 2-2-1 320 mm 360 mm • 31-45 + 1 o o |
| Door arran Maximum all doors, all doors, Access ran Passenger Air-conditi Air-conditi Ventilation | entrance height for tyres 275/70 R22.5 for tyres 295/80 R22.5 mp – wheelchair ramp at the 2 nd entrance, positioned and stowed away manually capacity seated (depending on specification) oning in the driver's cabin – with electrical drive oning in the passenger compartment – with mechanical drive system – dual-function fans (blowing and extraction facility) | • 1-2 2-2 1-2-1 2-2-1 320 mm 360 mm • 31-45 + 1 o o • |
| Door arran Maximum all doors, all doors, Access ran Passenger Air-conditi Air-conditi Ventilation Roof hatch electric Passenger convector | entrance height for tyres 275/70 R22.5 for tyres 295/80 R22.5 mp – wheelchair ramp at the 2 nd entrance, positioned and stowed away manually capacity seated (depending on specification) pointing in the driver's cabin – with electrical drive pointing in the passenger compartment – with mechanical drive system – dual-function fans (blowing and extraction facility) es | • 1-2 2-2 1-2-1 2-2-1 320 mm 360 mm • 31-45 + 1 o 0 • |
| Door arran Maximum all doors, all doors, Access ran Passenger Air-conditi Air-conditi Ventilation Roof hatch electric Passenger convector | entrance height for tyres 275/70 R22.5 for tyres 295/80 R22.5 mp – wheelchair ramp at the 2 nd entrance, positioned and stowed away manually capacity seated (depending on specification) oning in the driver's cabin – with electrical drive oning in the passenger compartment – with mechanical drive system – dual-function fans (blowing and extraction facility) ees compartment heating system ·type heaters | • 1-2 2-2 1-2-1 2-2-1 320 mm 360 mm • 31-45 + 1 o 0 • |
| Door arran Maximum all doors, all doors, Access ran Passenger Air-conditi Air-conditi Ventilation Roof hatch electric Passenger convectoo | entrance height for tyres 275/70 R22.5 for tyres 295/80 R22.5 mp – wheelchair ramp at the 2 nd entrance, positioned and stowed away manually capacity seated (depending on specification) oning in the driver's cabin – with electrical drive oning in the passenger compartment – with mechanical drive system – dual-function fans (blowing and extraction facility) ees compartment heating system ·type heaters | • 1-2 2-2 1-2-1 2-2-1 320 mm 360 mm • 31-45 + 1 o • • |
| Door arran Maximum all doors, all doors, Access ran Passenger Air-conditi Air-conditi Ventilation Roof hatch electric Passenger convector two-stage | agement entrance height for tyres 275/70 R22.5 for tyres 295/80 R22.5 mp – wheelchair ramp at the 2 nd entrance, positioned and stowed away manually capacity seated (depending on specification) poing in the driver's cabin – with electrical drive system – dual-function fans (blowing and extraction facility) es compartment heating system -type heaters : blowers eating system | • 1-2 2-2 1-2-1 2-2-1 320 mm 360 mm • 31-45 + 1 o • • |
| Door arran Maximum all doors, all doors, Access ran Passenger Air-conditi Ventilation Roof hatch electric Passenger convector two-stage Auxiliary h | agement entrance height for tyres 275/70 R22.5 for tyres 295/80 R22.5 mp – wheelchair ramp at the 2 nd entrance, positioned and stowed away manually capacity seated (depending on specification) poing in the driver's cabin – with electrical drive system – dual-function fans (blowing and extraction facility) es compartment heating system -type heaters : blowers eating system | • 1.2 2.2 1.2.1 2.2.1 320 mm 360 mm • 31.45 + 1 0 0 • • • |
| Door arran Maximum all doors, all doors, Access ran Passenger Air-conditi Air-conditi Ventilation Roof hatch electric Passenger convector two-stage Auxiliary h Spheros (| appendix entrance height for tyres 275/70 R22.5 for tyres 295/80 R22.5 mp – wheelchair ramp at the 2 nd entrance, positioned and stowed away manually capacity seated (depending on specification) oning in the driver's cabin – with electrical drive system – dual-function fans (blowing and extraction facility) ees compartment heating system -type heaters blowers eating system Webasto) | • 1.2 2.2 1.2-1 2.2-1 320 mm 360 mm • 3145 + 1 0 0 • • • • |

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