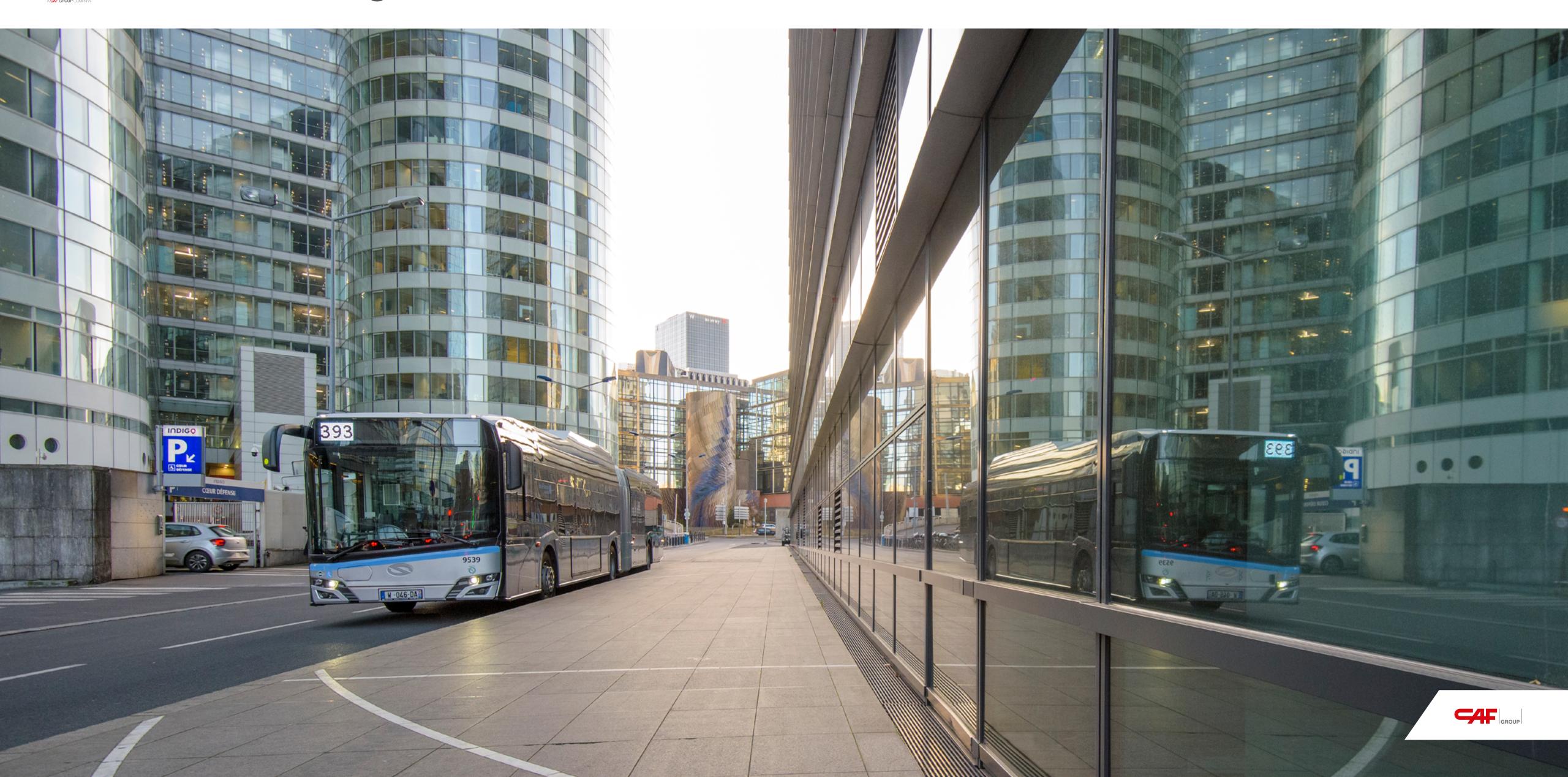


LOW EMISSIONS POWERTRAIN

Product catalogue 2023





| Technical specifications | |
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| | Urbino 12 CNG | standardoption | | Urb |
|-----------|---|---|----------------------------|------|
| | Engine | | | Bod |
| | Cummins L9NE6DII320 (235kW) | • | | st |
| | Transmission | | | Side |
| a) | Voith DIWA.6 | • | | re |
| eline | ZF-EcoLife | 0 | | Doo |
| Driveline | Voith Diwa NXT + CRU (mild hybrid) | 0 | ~ | |
| | Gas tanks | | Bodywork | |
| | composite gas cylinder 4 x 315 l | • | ody | Enti |
| | composite gas cylinder 5 x 315 l | 0 | Ω | er |
| | composite gas cylinder 5 x 340 l | 0 | | Whe |
| | | | | W |
| | Front axle | | | W |
| | ZF independent axle | • | | Nun |
| | ZF rigid axle | 0 | | |
| | Drive axle | | | Air- |
| | ZF portal axle | • | | ai |
| | Central lubrication | | | ai |
| SSiS | central lubrication point - solid lubricating grease | • | | Air- |
| Chassis | central lubrication system with self-diagnostic - semi-fluid lubrication grease | 0 | <i>⊂</i> ∞ | ai |
| | Steering system | | ventilation onditioning | Ven |
| | RB Servocom | • | ntila ditio | dı |
| | Braking system | | | Roo |
| | EBS (Electronic Braking System), ABS (Anti-Lock Braking System), | • | Heating, and air-c | m |
| | ASR (Acceleration Slip Regulation) | | Hea and | el |
| | ESC (Electronic Stability Control) | 0 | | Pas |
| | Auxiliary brake | | | CN |
| | transmission-integrated retarder | • | | CC |
| | Suspension levelling system | | | 2- |
| | ECAS air suspension with leveling and kneeling function | • | | |

| | Urbino 12 CNG | standardoption |
|--|---|---|
| | Body structure | |
| | stainless steel | • |
| | Side panels | |
| | removable side panels | • |
| Bodywork | Door arrangement | 1-2-0 2-2-0 1-2-2 2-2-2 |
| 3od) | Entrance height | |
| _ | entrance height for all doors and 275x70R22.5 tyres | 320 mm |
| | Wheelchair ramp | |
| | wheelchair ramp at the 2nd entrance, manually operated | • |
| | wheelchair ramp at the 2nd entrance, electricaly operated | 0 |
| | Number of passenger seats (depending on door arrangement and equipment) | max. 37 + 3 |
| | Air-conditioning in the driver's cabin | |
| | air-conditioning powered by passenger compartment unit | 0 |
| | air-conditioning with electric drive | 0 |
| | Air-conditioning in the passenger compartment | |
| Jg Jg | air-conditioning with mechanical drive | 0 |
| latio Ionir | Ventilation system | |
| , ventilation conditioning | dual-function fans | • |
| Heating, ventilation and air-conditioning | Roof hatches | |
| Heating and air- | manual | 0 |
| He | electric | • |
| | Passenger compartment heating system | |
| | CNG additional heater | 0 |
| | convector-type heaters | 0 |
| | 2-stage blowers | • |
| ical | | |
| Electrical installation | Electrical installation electrical installation based on CAN-Bus system | • |

| | | standard option |
|------------|--|--------------------|
| | Engine | |
| | Cummins L9NE6DII320 (235kW) | • |
| | Transmission | |
| 4 1 | Voith DIWA.6 | • |
| Driveline | ZF-EcoLife | 0 |
|)rive | Gas tanks | |
| | composite gas cylinder 5 x 315 l | 0 |
| | composite gas cylinder 5 x 340 l | 0 |
| | composite gas cylinder 5 x 375 l | • |
| | Front axle | |
| | ZF independent axle | • |
| | ZF rigid axle | 0 |
| | Drive axle | |
| | ZF portal axle | • |
| | Central axle | |
| | ZF neutral axle | • |
| S | Central lubrication | |
| Chassis | central lubrication point - solid lubricating grease | • |
| Ch | central lubrication system with self-diagnostic - semi-fluid lubrication grease | 0 |
| | Steering system | |
| | RB Servocom | • |
| | Braking system | |
| | EBS (Electronic Braking System), ABS (Anti-Lock Braking System), ASR (Acceleration Slip Regulation | n) • |
| | Auxiliary brake | |
| | transmission-integrated retarder | • |
| | Suspension levelling system | |
| | ECAS air suspension with leveling and kneeling function | • |

| | Urbino 18 CNG | standardoption |
|---------------------------|---|---|
| | Body structure | |
| | stainless steel | • |
| | Side panels | |
| | removable side panels | • |
| | Door arrangement | 1-2-2-0 2-2-2-0 1-2-2-2 2-2-2-2 |
| Š | Entrance height | |
| • | entrance height for all doors and 275x70R22.5 tyres | 320 mm |
| | Wheelchair ramp | |
| | wheelchair ramp at the 2nd entrance, manually operated | • |
| | wheelchair ramp at the 2nd entrance, electricaly operated | 0 |
| | Number of passenger seats (depending on door arrangement and equipment) | max. 49 + 6 |
| | Air-conditioning in the driver's cabin | |
| | air-conditioning powered by passenger compartment unit | 0 |
| | air-conditioning with electric drive | 0 |
| | Air-conditioning in the passenger compartment | |
| on | air-conditioning with mechanical drive | 0 |
| onin | Ventilation system | |
| ditic | dual-function fans | • |
| con | Roof hatches | |
| and air-conditioning | manual | 0 |
| and | electric | • |
| | Passenger compartment heating system | |
| | CNG additional heater | 0 |
| | convector-type heaters | 0 |
| | 2-stage blowers | • |
| ıtion | Electrical installation | |
| Electrical nstallation | Electrical installation electrical installation based on CAN-Bus system | • |

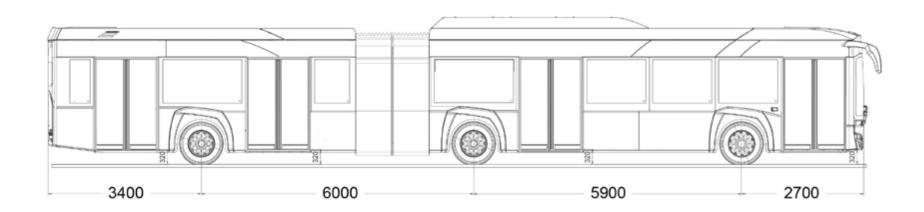
| | standard option |
|---|--------------------|
| Engine | |
| Cummins B4.5E6D210H (151 kW) | • |
| Hybrid system | |
| type | serial |
| Energy storage system | |
| traction motor of 120 kW continuous power | • |
| generator of 145 kW power | • |
| Fuel-tank | |
| 200 l | • |
| 310 l | 0 |
| AdBlue-tank - 40 l | • |
| Auxiliary heating system | |
| additional heater | 0 |
| additional biofuel heater with a separate tank | 0 |
| Front axle | |
| ZF independent axle | • |
| ZF rigid axle | 0 |
| Drive axle | |
| ZF portal axle | • |
| Central lubrication | |
| central lubrication point - solid lubricating grease | • |
| central lubrication system with self-diagnostic - semi-fluid lubrication grease | 0 |
| Steering system | |
| RB Servocom | • |
| Hema | 0 |
| Braking system | |
| EBS (Electronic Braking System), ABS (Anti-Lock Braking System), ASR (Acceleration Slip Regulation) | • |
| ESC (Electronic Stability Control) | 0 |
| Auxiliary brake | |
| electrodynamic brake (with energy recovery) | • |
| Suspension levelling system | |
| ECAS air suspension with leveling and kneeling function | • |

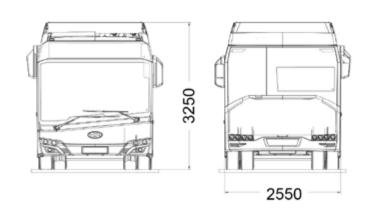
| | Urbino 12 hybrid | standardoption |
|--|---|---|
| | Body structure | |
| | stainless steel | • |
| | Side panels | |
| | removable side panels | • |
| | Door arrangement | 1-2-0 |
| ¥ | | 2-2-0 1-2-2 |
| sodywork | | 2-2-2 |
| ood) | Entrance height | |
| _ | entrance height for all doors and 275x70R22.5 tyres | 320 mm |
| | Wheelchair ramp | |
| | wheelchair ramp at the 2nd entrance, manually operated | • |
| | wheelchair ramp at the 2nd entrance, electricaly operated | 0 |
| | Number of passenger seats (depending on door arrangement and equipment) | max. 37 + 3 |
| | Air-conditioning in the driver's cabin | |
| | air-conditioning powered by passenger compartment unit | 0 |
| | air-conditioning with electric drive | 0 |
| | Air-conditioning in the passenger compartment | |
| - <i>p</i> 0 | air-conditioning with mechanical drive | 0 |
| onin Onin | Ventilation system | |
| , venunation conditioning | dual-function fans | 0 |
| | Roof hatches | |
| neatilig, venititation and air-conditioning | manual | 0 |
| and | electric | • |
| | Passenger compartment heating system | |
| | additional heater | • |
| | convector-type heaters | 0 |
| | 2-stage blowers | • |
| allation | Electrical installation | |
| Electrical installatior | electrical installation based on CAN-Bus system | • |

| Urbino 18 hybrid | standardoption |
|---|---|
| Engine | |
| Cummins B6.7E6D300H (220 kW) | • |
| Hybrid system | |
| type | serial |
| Energy storage system | |
| traction motor of 200 kW continuous power | • |
| generator of 200 kW power | • |
| Fuel-tank | |
| 360 l | • |
| AdBlue-tank - 40 l | • |
| Auxiliary heating system | |
| additional heater | 0 |
| additional biofuel heater with a separate tank | 0 |
| Front axle | |
| ZF independent axle | • |
| ZF rigid axle | 0 |
| Drive axle | |
| ZF portal axle | • |
| Central axle | |
| ZF neutral axle | • |
| Central lubrication | |
| central lubrication point - solid lubricating grease | • |
| central lubrication system with self-diagnostic - semi-fluid lubrication grease | 0 |
| Steering system | |
| RB Servocom | • |
| Braking system | |
| EBS (Electronic Braking System), ABS (Anti-Lock Braking System), ASR (Acceleration Slip Regulat | ion) • |
| Auxiliary brake | |
| electrodynamic brake (with energy recovery) | • |
| | |

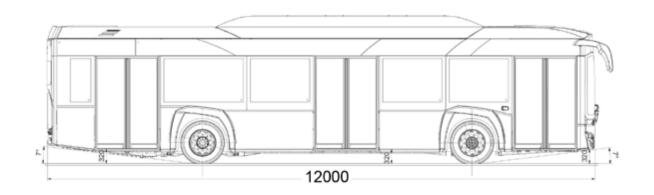
| | Urbino 18 hybrid | standardoption |
|--|---|---|
| | Body structure | |
| | stainless steel | • |
| | Side panels | |
| | removable side panels | • |
| Sodywork | Door arrangement | 1-2-2-0 2-2-2-0 1-2-2-2 2-2-2-2 |
| 30d) | Entrance height | |
| _ | entrance height for all doors and 275x70R22.5 tyres | 320 mm |
| | Wheelchair ramp | |
| | wheelchair ramp at the 2nd entrance, manually operated | • |
| | wheelchair ramp at the 2nd entrance, electricaly operated | 0 |
| | Number of passenger seats (depending on door arrangement and equipment) | max. 49 + 6 |
| | Air-conditioning in the driver's cabin | |
| | air-conditioning powered by passenger compartment unit | 0 |
| | air-conditioning with electric drive | 0 |
| | Air-conditioning in the passenger compartment | |
| = <u>@</u> | air-conditioning with mechanical drive | Ο |
| atio onin | Ventilation system | |
| ditio | dual-function fans | 0 |
| Heating, Ventilation and air-conditioning | Roof hatches | |
| aur. air- | manual | 0 |
| and | electric | • |
| | Passenger compartment heating system | |
| | additional heater | • |
| | convector-type heaters | 0 |
| | 2-stage blowers | • |
| Electrical installation | Electrical installation | |
| tall | electrical installation based on CAN-Bus system | • |

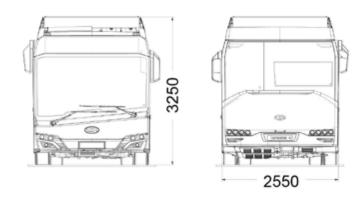
> Urbino 18 CNG



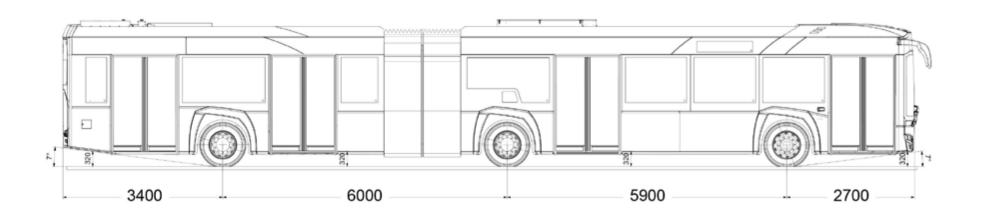


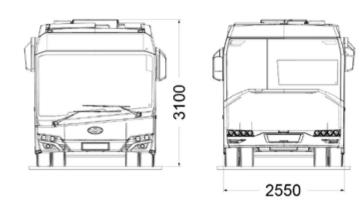
> Urbino 12 CNG





Urbino 18 hybrid





> Urbino 12 hybrid

