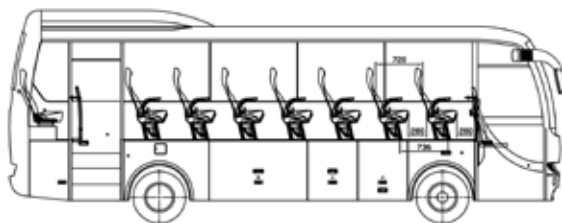
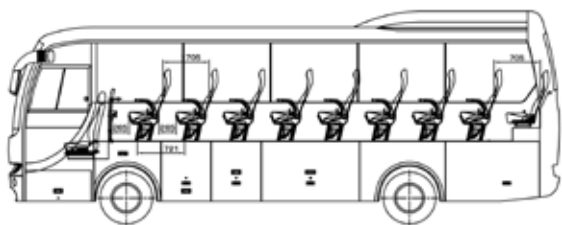
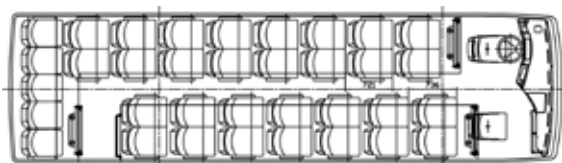


# OPALIN

## TECHNICAL SPECIFICATIONS

OPALIN  
35+1+1




# OPALIN

## TECHNICAL SPECIFICATIONS



MODEL	OPALIN 9
<b>DIMENSIONS</b>	
Overall length (mm)	8,400
Overall width (mm)	2,300
Overall height (mm)	3,282 (with A/C)
Overhang front / rear (mm)	1,795 / 2,285
Wheelbase (mm)	4,313
Luggage compartment (m <sup>3</sup> )	4.2
<b>WEIGHT</b>	
Max. gross vehicle weight (kg)	12,500
<b>STRUCTURE</b>	
Type	Steel framing, covered with galvanized steel sheets - FRP roof, front, rear, body
<b>ENGINE</b>	
Model	MAN D0836 LOH65
Number of cylinders / piston displacement (cc)	6 in line / 6,871
Maximum output (EEC)	184kW / 250hp / 2,400 rpm
Maximum torque (EEC)	1,000 Nm / 1,400-1,750 rpm
<b>TRANSMISSION</b>	
Model	ZF 6S 1010 BO & ALLISON T280R automatic transmission
<b>CLUTCH</b>	
Type	Hydraulic pneumatic dry disc plate (manual transmission) / torque converter (automatic transmission)
<b>RETARDER</b>	
Model	Electric-TELMA, hydraulic integrated to automatic transmission
<b>AXLES</b>	
Axle front / rear	MAN VOK 05 / MAN HY 0925
Ratio	3.7 / 4.1 (option)
<b>SUSPENSION</b>	
Front	2 parabolic leaf springs, 2 air bellows, 2 telescopic shock absorbers, stabiliser
Rear	4 air bellows, fishbone, 2 radius rod, 2 telescopic shock absorbers, stabiliser
<b>BRAKES</b>	
Service brake	Full air operated disc brakes for all wheels
<b>TYRES AND WHEELS</b>	
Tyre size	265/70 R 17.5
<b>STEERING</b>	
Model	ZF / 8043
<b>ELECTRICAL SYSTEM</b>	
System voltage / battery / alternator	24V / 2 x 12V, 180 Ah / 28V, 120+100A
<b>FUEL SYSTEM</b>	
Fuel tank capacity	210 lt
<b>PASSENGER CAPACITY</b>	
Max. seating arrangement	35+1+1
<b>HEATING AND AIR CONDITIONING SYSTEM</b>	
Type	Convector heaters, roof heater (optional)
Air conditioner	Roof type air conditioning unit with heating and fresh air - 16 kW capacity
<b>STANDARD EQUIPMENT</b>	
Retarder • exhaust brake • double glazing • air conditioning • curtains • body levelling • driver sun visor • assistant seat • radio-CD / MP3 player • basic std. colour: White RAL4332 • microphone in driver seat • digital clock • 2nd alternator • carpets in driver area / aisle • pre-heater	

### MAIN FEATURES

 85.2% recyclable, 99.7% recoverable

 ECE-R66, ASR

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