

THE MAN ESSENTIALS ■ Outstanding fuel efficiency ■ Low whole-of-life costs ■ Engineered safety ■ Unequaled comfort ■ Proven reliability

# IC 19.320 RR8

School / Charter Bus Chassis



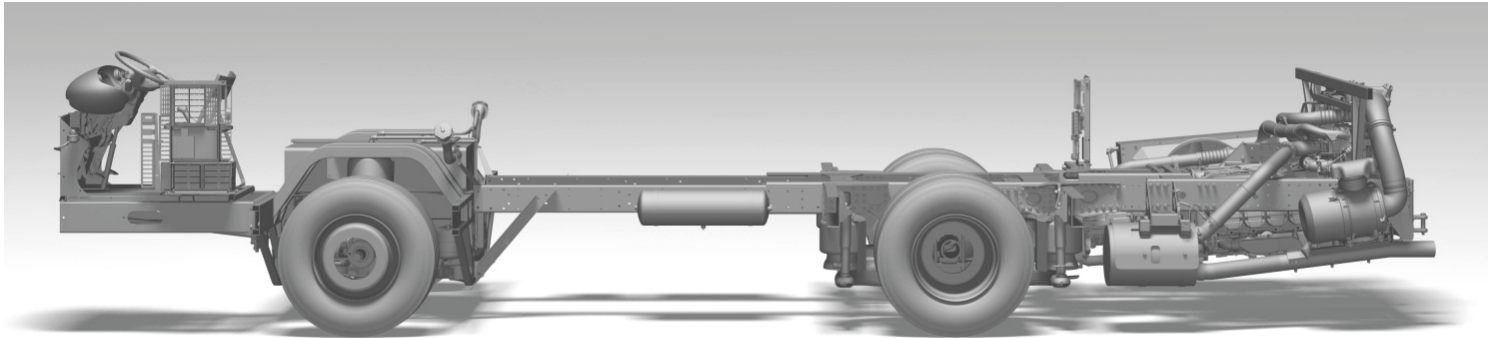
High-quality bus chassis for all requirements and deployment purposes provide the optimal flexibility to assert yourself on the market with your own ideas. Proven MAN quality always ensures a solid foundation for your success. Our body-friendly chassis provide you with maximum possibilities and meet all your expectations when it comes to innovation and power, dynamics and comfort, cost-efficiency and environmental friendliness.

ENGINEERED TO SAVE YOU MONEY ►



# IC 19.320 RR8

## School / Charter Bus Chassis Specifications



### Engine

MAN D2066 Euro 5 horizontal turbocharged inline 6 cylinder (Euro 6 Optional EGR + SCR)

EGR	Exhaust Gas Recirculation only
Power output	235kW (320hp) 265kW (OPT) @ 1,900rpm
Maximum Torque	1,600Nm at 1,000-1,400rpm
Bore	120mm
Stroke	155mm
Displacement	10,518cm <sup>3</sup>

### Chassis

Chassis Design	High Floor
Length	11m to 13m
Front Overhang	Temporary
Wheelbase	Transport frame (Buggy form)
Rear Overhang	3,400mm STD 3,150mm OPT
Front Axle	Independent
Rear Axle	Hypoid
Axle Ratio	5.6:1 STD 4.5:1 OPT
Brakes and Driver Assistance Systems	Disc brakes on all wheels, Electronic Brakes System (EBS) and optional Electronic Stability Program (ESP) Adaptive Cruise Control (ACC), Emergency Brake Assist (EBA) and Lane Guard
Wheels	8.25" x 22.5" Steel. Alloy wheels OPT
Tyre Size	295/80 R22.5

### Performance

Geared Speed in km/h at 1,900rpm (electronically limited to 100 km/h)  
Transmission ZF 6AP 2000B Ecolife.

	1st	2nd	3rd	4th	5th	6th	Rev
Gear ratio	3.36	1.91	1.42	1.0	0.72	0.62	4.24
Speed (km/h)	19.4	34.2	45.9	65.3	90.6	106.1	15.4

### Suspension

ECAS – Electronically Controlled Air Suspension.

No. of units	Front	Rear
Air bellows	2	4
Shock absorbers	2	4
Height control valves	1	2
Stabiliser	1	1

Electronically controlled air suspension automatically maintains ride despite loading conditions.

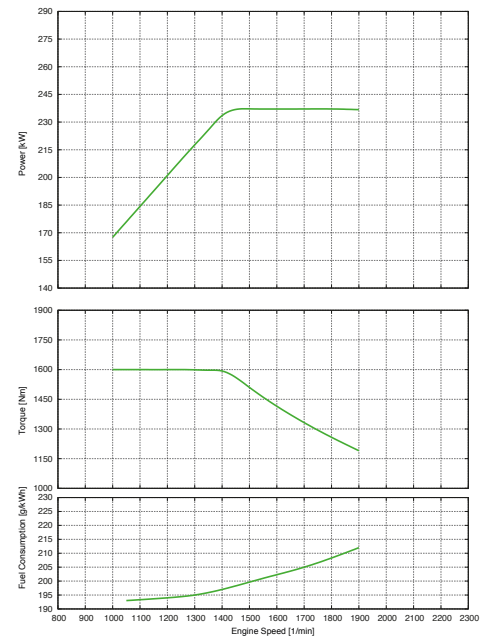
Level Control: Raise / lowering & kneeling.

### Fuel System

2 x 220L STD, 1 x 300L & 1 x 480L OPT fuel tank.  
Separ preliminary fuel filter and water separator.

### Cooling System

Electronically controlled hydrostatic fan drive.  
Maintenance friendly "clean side" or Right rear cooling package with hinged charge air cooler.



\*Data in accordance with ISO 1585 88/195 EEC

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