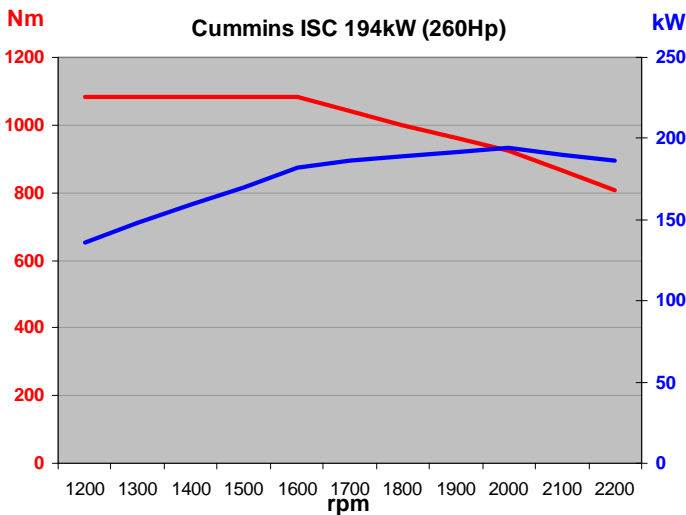


GENERAL FEATURES

	Short Overhang 12200mm Body	Long Overhang 12500mm Body
Chassis Width	2380	2380
Chassis Wheelbase	5100	6500
Front / Rear chassis overhang	F: 2400 R: 3055	F: 2400 R: 3280
Front track	2013	2013
Rear track	1803	1830
Overall width	2403	2430
Overhang angles	Approach : >8.8° Departure : >7.8°	
Bodied Wheelbase	Dependant upon body builder	
Bodied Length	10900-12200mm	12500mm
Bodied Width	2500	2500
Bodied floor Height	Dependant upon body builder	
Frame height front	884	884
Frame height rear	919	919
Max Technical GVW	18500	18500
On front axle	7500	7500
On rear axle	11000	11000



194 KW 260 Hp (Optional 300Hp)

EURO 4



NON SCR NON EGR

Metro L.E. City Euro 4 Chassis

ENGINE

Cummins ISC 05 80/02 8.3L turbocharged engine with (air-air) intercooler, water cooled, 4 stroke diesel cycle, 6 cylinders in line, EDC control

260Hp ADR 80/02 Emission

Total displacement 8300 cm³
 Max. Output 194 kW (260hp) at rpm 2200
 Torque 1085Nm (800 lbs./ft)
 1200 – 1600 rpm

(Optional 300Hp)

Total displacement 8300 cm³
 Max. Output 224 kW (300hp) at rpm 2000
 Torque 1166Nm (860 lbs./ft)
 1300 – 1600 rpm

TRANSMISSION

Automatic Allison World Series T350R Fully auto 5 speed with torque converter and integrated hydraulic retarder
(6 speed optional)

Ratios			
1 st	3.49:1	4th	1.00:1
2 nd	1.86:1	5th	0.75:1
3 rd	1.41:1	6th	0.65:1
		Reverse	5.03:1

FRONT AXLE

Iveco 5876 Forged steel I beam

REAR AXLE

Meritor MC11-165 fully floating single reduction 5.38:1

SUSPENSION

FRONT SUSPENSION

Hendrickson HAS60 Five link system with two air springs, anti roll bar, heavy duty shock absorbers and single height control valve.

REAR SUSPENSION

Iveco 4 air spring with anti roll bar and heavy duty shock absorbers.

- vehicle lifting front and rear, lowering at front, electronic control air suspension : ECAS (electronic set up adjustment, kneeling device, vehicle lifting and lowering)

BRAKES

Service

ABS

Ventilated 4 wheel disc brakes 430mm
 Dual circuit air system
 Total lining area 8376cm
 510 litre/min compressor

Parking brake

Rear wheel spring actuated with modulated control
 Interlock facility on park brake & secondary brake circuit

RESERVOIRS

Brakes

62 Litre. 2 tanks mounted outboard
 Suspension: 52 Litre. 2 tanks.
 Air dryer

WHEELS / TYRES

10-stud steel disc wheels 8.25 x 22.5"
 PCD 335mm
 Michelin XZU 3 Tyres 295/80 22.5

Optional:

Aluminium disc wheels 8.25 x 22.5"

CHASSIS

DIMENSIONS (mm)

		chassis	chassis
Wheelbase	WB	5100	6500
Chassis length	OAL	10058	11800
Front overhang	FOH	2400	2400
Rear overhang	ROH	3055	3280
Front track		2013	2013
Rear track		1803	1830
Overall width		2403	2430
Centre chassis height		400	400
Min. ground clearance		225	225
Approach angle	AA	8.8°	8.8°
Departure angle	DA	7.8°	7.8°
Max. Wheel angle		52°	52°

Weights (kg)

Front axle	7500	7500
Rear axle	11000	11000
GVM	18500	18500

TO SUIT BODIES 10.9M TO 12.5M

FRAME

Powder coated high strength, low alloy steel channel.

DRIVE / STEERING

Power steering, type Sheppard M110
 Steering wheel: diameter 465 mm
 Steering wheel lock on column

ELECTRICAL SYSTEM

Rated supply voltage 24 V
 Batteries 2 x N150 Capacity 800 CCA each
 150 amp alternator – Option: 2nd alternator
 Temporary battery carrier

COOLING SYSTEM

Engine and charge air cooler radiators located to the RHS of chassis.

Thermostatically controlled viscous fan
 Capacity 51 litres

INSTRUMENTATION

Gauges

Fuel level, dual air pressure, engine water temp, electronic speedo & tachometer, odometer, engine hour meter, voltmeter and engine oil pressure

Warning lights

Battery charge, low air-pressure, turn indicator hazard lights, high beam, park brake, engine fault, automatic transmission fault, retarder on and fault, stop engine fault, wait to start, engine protection fault, low power steering fluid and cruise control on

Warning buzzer

Low air-pressure, low water level indicator, turn indicators, reverse gear

OTHER STANDARD FEATURES

Adjustable height and rake steering column
 Rear mounted remote engine start/stop switch
 Cruise control
 Walnut finish to instrument surround
 406mm Iveco dry element engine air cleaner with remote mount restriction indicator

PERFORMANCE

Top speed 100 Km/h with speed limiter

FUEL TANK

300L tank located to the RHS
 Self priming system