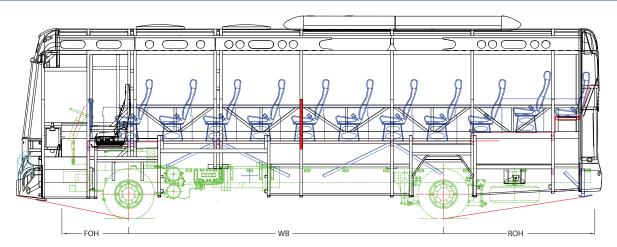
# EUROMIDI FE SCHOOL / MINING / COACH SPECIFICATIONS





#### **ENGINE**

IVECO Tector F4A E28

Type: Turbocharged and intercooled 24-valve four-stroke diesel with high-pressure common-rail electronic injection.

Number of cylinders: 6

Displacement: 5.88 litres Bore X Stroke:  $102 \times 120 \text{ mm}$ Compression ratio: 17:1

205 kW (279hp) @ 2700 rpm Max. power output:

950 Nm (700 lb/ft) @ 1250 - 2100 rpm Max. torque:

2500 rpm Governed speed: 38.7 RAC hp rating: Oil capacity: 11.6 litres

SCR: Selective Catalytic Reduction

Emissions standard: EURO 5

### **TRANSMISSION**

Eaton ZF 9S-1110 nine-speed over-drive-synchromesh transmission with dash mounted gear shift, H over H shift pattern.

Crawler gear	9.48:1	5th	1.89:1
lst	6.58:1	6th	1.35:1
2nd	4.68:1	7th	1.00:1
3rd	3.48:1	8th	0.75:1
4th	2.62:1	Reverse	8.97:1

Retarder: Hydraulic integrated in gearbox, foot pedal controlled. Column stalk controlled.

#### **AXLES**

Front: IVECO 5860

Type: I-beam with oil-filled hubs

Capacity: 6100 kg Rear: MERITOR MS10-164

Type: Single-reduction fully-floating banjo type. Differential lock standard with manual transmission, option with automatic and automated.

Capacity: | | 100 kg Ratio: 4.30:|

# **SUSPENSION**

Front: Parabolic

Parabolic springs with dual-action hydraulic shock absorbers and stabiliser bar fitted.

Quad bellows, rear air bag suspension with dual-action hydraulic shock absorbers and stabiliser bar. ECAS Electronically Controlled Air Suspension including dual-rear levelling valves. Remote-control operation complete with memory function.

### **BRAKES**

Service: Full air-brake system with two independent circuits  $377 \times 45$  mm ventilated front/rear disc brakes with

floating calipers (asbestos free) ABS: Four-channel system (ABS6)

Spring-actuated park brake acting on rear wheels

Exhaust brake (three mode)

Air dryer

360cc air compressor (water cooled)

Parking Brake: Spring actuators on rear wheels, pneumatically controlled. Acts as an emergency brake if needed. Mechanical release in the event of failure.

#### WHEELS AND TYRES

Wheels: One-piece steel disc rims Stud and pattern: M22,8 × 275 mm PCD

Disc size: 19.5" × 8.25". Tyres: 305/70R 19.5 tubeless radial. Tyre minimum rating: 146/144 Spare located on left-hand side

#### **STEERING**

Type: Integral power-assisted circulating ball with gear-driven

pump and integral reservoir

**Ratio**: 20.4

Tilt-adjustable 470 mm diameter steering wheel.

Angular 17°, Vertical 50mm

Type: bolted and riveted parallel channel

Size:  $255.4 \times 70 \times 7.7$  mm external (6.57 m wheelbase)

Width: 855 mm Yield strength: 490 MPa Heavy-duty front tow hook

# **ELECTRICAL**

Type: 24V negative to earth, 24V-12V converter in cab

Alternator capacity: 28V, 90 amp

Starter: 24V, 4.0 kW

**Battery:** 2 × 12V 170 Ah, Automatic battery isolation switch

# **FUEL SYSTEM**

Front axle

Rear axle

GVM

Nominal tank capacity: 280 litres with locking fuel cap Fuel prefilter with water separator fitted to chassis.

Ad Blue Tank: 25 litres, with locking cap

# **CHASSIS DIMENSIONS (Dimensions in mm)**

	Chassis 10.5	Chassis 12.5
Seating	45	57
Wheelbase (WB)	5670	6570
Chassis length (OAL)	9475	11447
Front overhang (FOH)	1990	1990
Rear overhang (ROH)	2505	3605
Bodied width	2500	2500
Bodied floor height	1400	1400
WEIGHTS (Weights in kg)		

6100

11100

16000

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