



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 x 120 mm
Compression ratio: 17:1
Max. power output: 205 kW (279hp) @ 2700 rpm
Max. torque: 950 Nm (700 lb/ft) @ 1250 - 2100 rpm
Governed speed: 2500 rpm
RAC hp rating: 38.7
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
1st	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: 11100 kg

Ratio: 4.30:1

SUSPENSION

Front: Parabolic

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

Rear: Air bag

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 x 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 x 275 mm PCD

Disc size: 19.5" x 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

CHASSIS

Type: bolted and riveted parallel channel

Size: 255.4 x 70 x 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 x 12V 170 Ah, Automatic battery isolation switch

FUEL SYSTEM

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)

Front axle	6100
Rear axle	11100
GVM	16000

IVECO Trucks Australia Limited A.B.N. 86 004 065 061

Princes Hwy, Dandenong, Victoria 3175

P.O. Box 117 Dandenong, Victoria 3175

Telephone: (03) 9238 2200 Facsimile: (03) 9238 2387

Bus enquiries: 1800 602 287