

ENGINE

Cummins I5-Litre ISX (ADR 80/03)
EGR (Exhaust Gas Recirculation)
Type: Turbocharged, aftercooled, electronically direct injected
fourstroke diesel

Compression Ratio: 17.1:1

Number of cylinders: 6

RAC HP rating: 67.8

Total displacement: 14.9 litres

Maximum output: 485hp/362kW @ 2000rpm

Maximum torque: 1850lb ft/2508Nm @ 1400rpm

Dry-element air cleaner

Single, gantry mounted Diesel Particulate Filter (DPF) on LHS

Optional Engine Ratings

525hp/392kW & 1850lb ft/2508Nm

550hp/410kW & 1850lb ft/2508Nm

TRANSMISSION

Eaton Roadranger RTLO-20918B 18-speed overdrive

Optional: IVECO EuroTronic II 16AS2630 TO OD automated

16-speed overdrive

Two-pedal operation with automatic or manual shift control

(Rev: 13.07/10.81:1, 1st:14.12:1, 16th: 0.83:1)

With oil cooler

REAR AXLE

Meritor RT46-160GP

Capacity: 20.9 tonnes

Ratios: 3.58, 3.73, 4.10 (with Eurotronic Transmission)

Ratios: 4.10, 4.30, 4.56, 4.89 (With Eaton Roadranger Transmission)

Driver controlled differential locks

Optional:

Meritor RT50-160GP

REAR SUSPENSION

Hendrickson Primaax PAX 462

Type: Air

Capacity: 18.0 tonnes

CLUTCH

With Eurotronic Transmission: Self-adjusting single-plate with air assisted hydraulic actuation

Diameter: 430mm

With Eaton Roadranger Transmission: Spicer Twin Plate Easy Pedal with Hydraulic and Air Assist (with Pre-Damper)

Diameter: 394mm

FRONT AXLE

IVECO 5876

Type: Forged steel I-beam

Capacity: 7.5 tonnes

FRONT SUSPENSION

Type: Three-leaf parabolic springs

Double acting telescopic shock absorbers

Capacity: 7.0 tonnes

BRAKES

Type: 2-circuit air system

Front: 432mm Knorr disc brakes

Rear: Meritor S-Cam 419mm diameter x 178mm drum brakes with automatic slack adjusters

Brake lining area: 5600cm²

Optional:

Knorr SN7 Rear Disc Brakes on rear axles

100-litre aluminium air reservoirs

Dessicant type air dryer/pressure regulator

Semi-trailer air connections

Wabco E 4-channel ABS/EBL with ASR

Trailer ABS facility

STEERING

Sheppard M110 power-assisted with gear-driven pump

460mm diameter adjustable steering wheel

FUEL SYSTEM

Aluminium tanks

2 x 450 litres of fuel = 900 litres

Fuel Pro primary filter

Optional:

Round 1 x 450 litres + 1 x 200 litres fuel/250 litres oil = 900 litres

Square 2 x 500 litres = 1000 litres

Square 4 x 500 litres = 2000 litres (Prime Mover with 4800mm

Wheelbase only)

2 x 360L Supplementary Round Tanks (Prime Mover with 4800mm

Wheelbase only)

CHASSIS

Type: 257x89x8mm parallel-section high-tensile steel channel

Yield strength: 760 MPa

Section modulus: 243cm³

Tapered rear of frame with fifth wheel mounting angles

Polished Alloy Bumper with Fog and Driving lights, covers & FUPD

Optional:

Square end of frame with trailer connections to ROF

Deckplate

Polished aluminium bull bar with Fog and Driving lights,

covers & FUPD

No front bumper or FUPD (ready for aftermarket bulbar fitment)

ELECTRICAL SYSTEM

Type: 24-Volt, negative to earth

Multiplex computerised CANBUS integrated wiring and systems control network with centralised colour display, controls and diagnostics

Batteries: 4 x 560 amps SAE cold cranking current per battery, with remote isolation switch mounted behind cab

Alternator: 24V, 90 amps

Headlamps: 70/75 watt, with covers

Rear flood light

Semi-trailer HD ISO 7-pin socket

12 Volt power outlet in dash

Cab marker lights

Trailer connections

24-12 Volt converter for trailer lighting

70 Watt fog and driving lamps with covers

Tail light brackets and mudflaps

WHEELS AND TYRES

Wheels: 8.25DC x 22.5 10-stud 335mm steel disc

Front tyres: Dunlop SP350* 295/80R22.5

Rear: Dunlop SP431A*, 11R22.5

Optional:

Alcoa 8.25DC x 22.5 10 stud 335mm PCD alloy disc

Plain or Durabright finish

**or different brand, equivalent model.*

COOLING SYSTEM

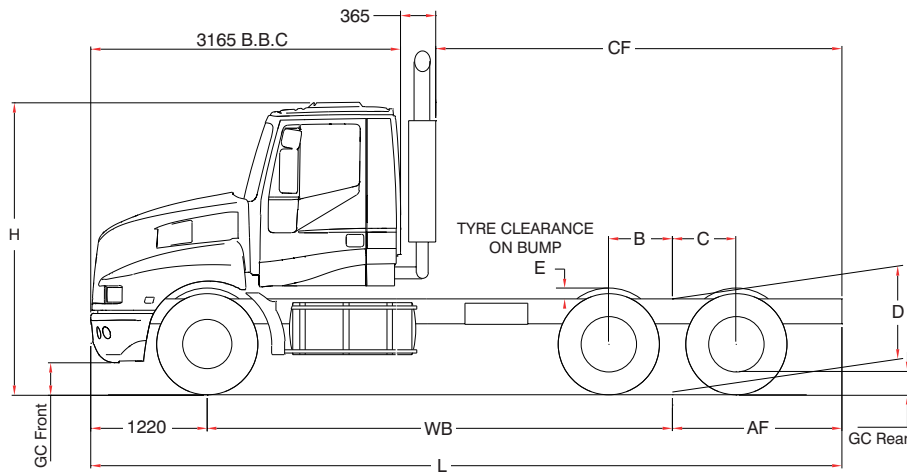
Radiator frontal area: 10830cm²

Charge air cooler frontal area: 6840cm²

DRIVELINE

Spicer 1810 Series main driveline with Spicer 1710 Series interaxle

Dana SPL-250 Driveshafts



CAB CONSTRUCTION

IVECO Active Day 2280mm wide, 3165mm BBC all steel, conventional control day cab with low roof.
Four-point cab mounting system with air suspension and dampers at rear.

FEATURES

Fully adjustable ISRI self levelling air suspension driver's seat with headrest, adjustable damper and integral lap-sash retractor seat belt. Fixed ISRI passenger seat with lap sash retractor seat belt. 90° opening doors with electrically operated window and low-level visibility forward window. Storage locker in overhead console and compartments on left hand door and rear wall of cab.
Optional:
ISRI self levelling air suspension passenger seat with headrest, adjustable shock absorber and integral lap-sash retractor seat belt leather air suspended driver seat & leather air suspended passenger seat.

ACCESSORIES

Two internal sun visors with shade cloth blinds on side window. Dark grey acrylic exterior sunvisor. Aerodynamic powered and heated mirrors, with a flat and convex spotter mirror on each side and a kerb view mirror on the passenger side. Climate control Air conditioning. Heater demister with 4-speed fan. Demist ducts to door glasses. 2-speed and intermittent action twin windscreen wipers/washers. AM/FM radio/CD player with steering wheel controls. Dual roof-mounted air horns. Iveco Colour Display (ICD) instrument panel with Electronic speedometer and tachometer, fuel level gauge, engine coolant temperature gauge, and ICD displays for air pressure, system voltage, engine oil level, pressure and temperature, engine coolant temperature. Warning lights in ICD for power divider, difflocks, park brake, engine brake, high beam, fog and driving lights, parking lights, turn signal, hazard lights, low air pressure, brake system fault, park brake, mirror heaters.

The ICD also gives information on Hi-Fi settings and control, clock and alarm settings, trip data and trip computer, diagnostics, mirror adjustments and Eurotronic transmission functions.

Air controls mounted in centre dash console for park brake, inter-axle locks cross-diff locks and rear air suspension dump. Gear control lever on steering column. Cruise control.

Optional:

Aerodynamic roof deflectors and cab side extenders.

FINISH

White painted cab and bumper with grey fenders. Cab treated with anti-corrosion protection and metallic joints treated with vinyl sealant. Insulation on cab underbody.

MASS RATINGS

GVM 25.0 tonnes
GCM 90.0 tonnes (Optional 106.0 tonnes on Application Approval)
Optional: GCM* 90.0 tonnes

Chassis mass front 4.97 tonnes
Chassis mass rear 3.90 tonnes
Chassis mass total 8.80 tonnes
Chassis with oil and coolant, but no fuel, spare wheel or tyre.

SUSPENSION (Dimensions in mm)

	B	C	D Laden	D Unladen	E
PAX462	658	665	1005	1030	105

CHASSIS DIMENSIONS (Dimensions in mm)

WB	4500	4800	5000 (Tipper)
GC (Front)	273	273	273
GC (Rear)	242	242	242
AF	1420	1420	1800
CF	3610	3910	4490
L	7140	7440	8020
Turning circle**	16800	17200	17900

**For wall to wall, add 850mm

CAB DIMENSIONS (Dimensions in mm)

	H	H (aero kit)
Active Day	3030	4050

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

www.iveco.com.au