

COOLING SYSTEM

Over-and-under system

Charge air cooler: 545 in²

Water radiator: 1000 in²

Total package: 1545 in²

Nylon fan with air-operated two-speed Horton DriveMaster fan drive

TRANSMISSION

Fuller RTLO-20918B 18-speed overdrive

Lube pump & oil-to-water transmission cooler

REAR AXLE

Arvin Meritor RT-46-160

Capacity: 20.9 tonne

Ratios: 3.9:1 (4.3:1 std on 5550mm wheelbase)

Cone-lock fixing on axle shafts

Inter-differential power divider lock

Differential cross-lock on rear/rear axle

Electronic auto traction control standard

Aluminium hubs

REAR SUSPENSION—HAS

4750mm and 5200mm wheelbase

Hendrickson HAS-460 (1850 lb/ft) suspension to Australian specification with road friendly compliance

1397mm axle spacing with 241mm ride height

Suspension dump valve, control switch in instrument panel

Capacity: 20.9 tonne

REAR SUSPENSION—PRIMAAX

5000mm and 5550mm wheelbase

Hendrickson Primaax PAX460 high GCM-capacity air suspension road friendly compliant

Capacity: 20.9 tonne

Inner frame suspension liner

Torque rods to control axle wind-up under all conditions

FUEL SYSTEM

Polished aluminium 660mm diameter cylindrical tanks mounted both sides under cab. Dual pick-up and return. Alloy steps

980-litres total capacity

Fuel cooler, radiator mounted

Fuel tank ties between tanks

CAB

CONSTRUCTION

ECE-29 crash test compliant, day cab 2085mm wide, galvanised steel

Base coat, clear coat paint

Tilting SMC hood and removeable quarter fenders.

Excellent engine access

Bright polished stainless-steel grille surround

Three-point cab mounting system with rear air suspension

Drivers seat, Gramag, air suspended, hi-back, leather trim with integrated seat belt

Passenger seat, Gramag, hi-back, air suspended, leather trim with integrated seat belt

Arm rest on both driver and passenger seats

Cat embroidered headrest on both driver and passenger seats

Full instrument panel with OBD display for diagnosis of fault codes in gauge cluster

Stowage compartments in overhead console

Premium trim with molded interior, cloth inserts and additional sound insulation

Premium floor mats

Moulded access handles and electric windows

Quarter vent windows, Rear window

STANDARD ACCESSORIES

Internal sun visors, two moveable front-to-side primary visors

Blend-air heater air-conditioner with fresh air filter

Twin windscreen wipers/washers, 2-speed with intermittent action

Mirrors with separate spotter mirrors on both sides

Single air-horn, chassis mounted

P.T.O. switch and loom

Working-light loom in dash

Outside temperature and compass in dash display

INSTRUMENTATION

Electronic speedometer and tachometer

Gauges: engine oil pressure, voltmeter, engine oil temperature, air pressure, coolant temperature, fuel level, transmission temperature, rear axle temperatures

Warning system: low air pressure, low fuel, low oil pressure, high engine coolant temp and low battery voltage (visual and audible)



CAT PERFORMANCE NOW AVAILABLE IN A TRUCK

CT630 STANDARD SPECIFICATIONS



CT630

For over 85 years, Cat® machinery has been known for its durability, reliability and high performance. Now we've taken all the qualities that make Cat equipment respected around the world and put them into a long-haul truck. If any trucks can move your business forward, Cat trucks can. We've been doing it with our other products all along.

CHASSIS

Type: heat-treated steel, yield strength: 120,000 PSI, 760 MPa
 Frame rail dimensions: 260 x 92 x 9.5mm, section modulus 291cm³
 HD Intermediate cross member
 Huck bolted in critical areas to minimise maintenance
 Fuel tank ties between tanks
 Three aluminium deck plates behind cab
 Tapered end of frame with fifth-wheel mounting angles
 Double front tow hooks
 Stainless steel bright finish bumper with ADR Compliant FUPD

FRONT AXLE

Meritor MFS-14-143 wide track RHD
 Type: forged steel I-beam
 Aluminium hubs
 Capacity: 6.5-tonnes

FRONT SUSPENSION

Type: 1480mm long parabolic springs
 Tuned shock absorbers
 Capacity: 6.5-tonnes

BRAKES

ADR dual-circuit air system, S-cam
 Air compressor, Cat 15.7CFM capacity
 Size: front 419mm x 127mm with T24 chamber and Centrifuse brake drums
 Size: rear 419mm x 178mm with type 30/30 chambers
 Park brake: both rear axles, spring-actuated
 Haldex slack adjusters
 Air dryer, Bendix AD-IS
 Three manual drain valves with pull chains
 Dust shield on all axles
 Trailer brake hand control on steering column
 Semi-trailer air connections at back of cab
 Hose tender slide bar, upper rear of cab
 Bendix 4-channel ABS with full vehicle wheel control system with automatic traction control

STEERING

Sheppard M100 power steering
 Gear-driven pump
 Adjustable tilt steering column with leather-wrapped 2-spoke steering wheel, 457mm diameter

DRIVESHAFT SYSTEM

Low maintenance
 Main shaft, SPL250X
 Interaxle shaft SPL1760XL

EXHAUST

Single catalytic muffler, LHS frame mounted with shroud and vertical tail pipe
 Compression engine brake, 3-stage switching

ELECTRICAL SYSTEM

Type: 12-Volt, negative to earth
 Diamond Logic® multiplexing system
 Cat Batteries: 4 x 12V, 2840 CCA total
 Mounted on right-hand chassis rail
 Alternator: 12V, 160 amp, brush-type, pad-mounted
 Starter, 105P with Soft Start
 Two trailer sockets, 7-pin trailer lighting and an EEC socket for trailer ABS, at rear of cab
 Exterior light test system for pre-trip inspection
 Circuit breaker with manual reset
 Switches for provision of operating PTO, and rear work lamps
 Park brake warning horn if brake not applied and door opened
 Back-up alarm, 102 dba

CLUTCH

Eaton Fuller EP1552 Easy Pedal two-plate ceramic with Kwik-Adjust feature
 Diameter: 394mm
 Light pedal, integrated air-assist clutch release system

ENGINE

Cat C15 ACERT™
 Type: 6-cylinder, in-line, turbocharged and aftercooled, electronic direct injection
 Cruise control with steering wheel controls. 100 kph road-speed limited
 Rated at 550-hp @ 1800 RPM and 1850-ft/lb torque @ 1200 RPM. 2100 gov RPM
 Engine compression brake with 3-stage control
 High-capacity under-hood air cleaner with restriction indicator gauge
 Fuel priming pump
 Displacement: 15.2-litres

CT630 C15

	Chassis Weights (kg)				Dimensions (mm)				Turning Radius (m)	
	Wheelbase	Front	Rear	Total	CA	CF	AF	OAL	Curb/Curb	Wall/Wall
Day Prime Mover w/ Aero	4750mm	4461	3447	7908	2930	4530	1600	7640	16.13	17.07
Day "Flex" spec w/ extenders	5200mm	4439	3435	7873	3380	4980	1600	8090	17.22	18.16
Extended cab w/o Aero/Primaax	5000mm	4530	3730	8260	2530	4130	1600	7240	16.89	17.83
Day "Flex" spec, no Aero/Primaax	5560mm	4520	3580	8100	3745	5345	1600	8455	18.26	19.20

STANDARD SPECIFICATIONS

AERO EFFECTS

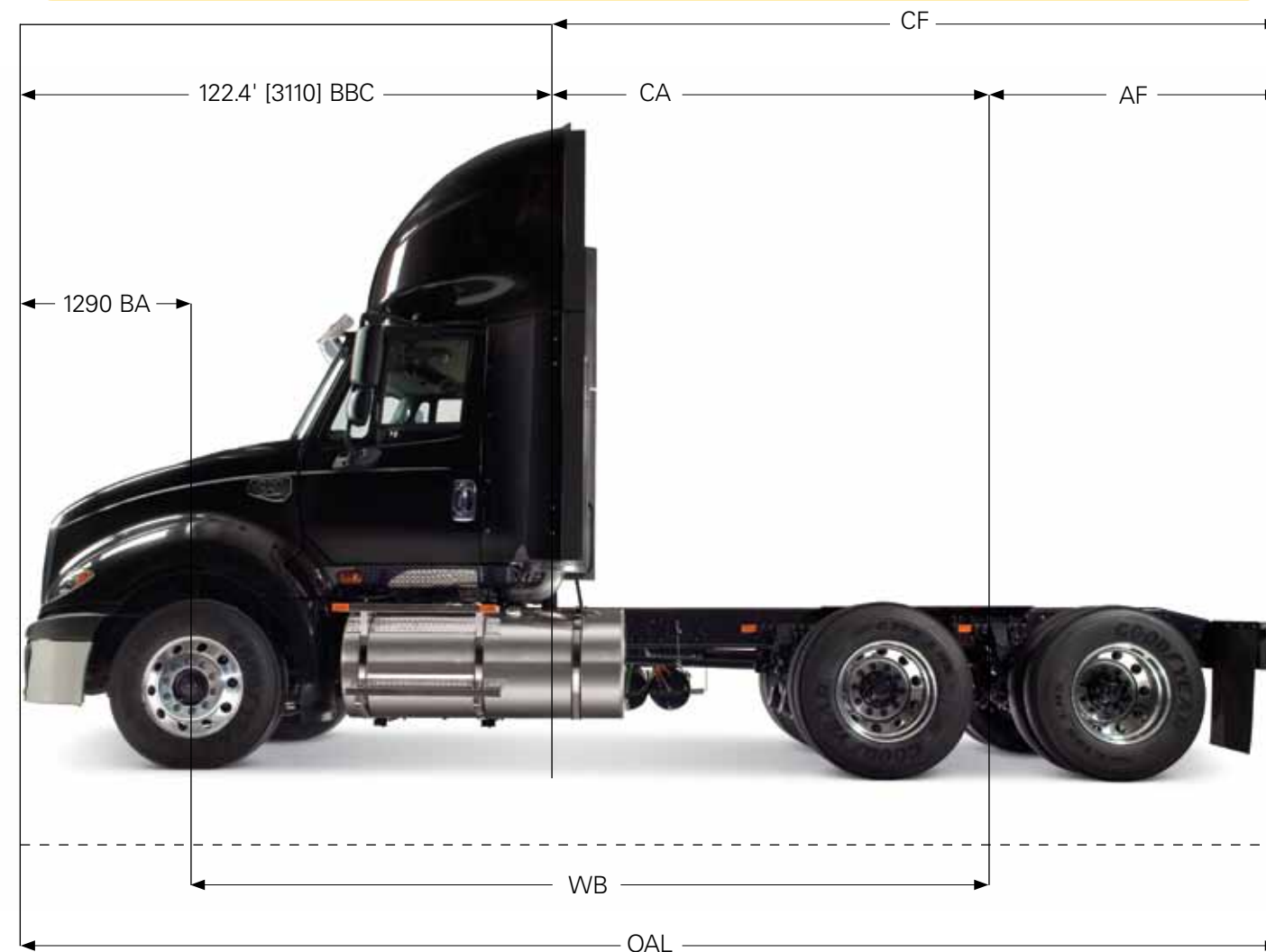
	Day Cabin with Side Extenders, 5200mm Wheelbase Flex spec	Day Cabin with Aero, 4750mm Wheelbase Tractor	Extended Cabin 5000mm Wheelbase Tractor Primaax	Day Cabin 5550mm Wheelbase Tractor Primaax
Aero cab extenders with grab handles on both sides	N/A	std	option-dealer fit	N/A
Roof fairing	N/A	included	option-dealer fit	N/A

REST SLEEPER

26" (660mm) Extended (Sleeper) cab with 3770mm BBC Sleeper includes: Single 660mm x 1840mm x 127mm lower bunk (innerspring mattress) dome light, under-bunk storage	N/A	N/A	std	N/A
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WHEELS AND TYRES

Wheels – Ten: bright finish alloy, 10-stud 285mm PCD, 8.25DC x 22.5	std	std	std	std
Tyres: Dunlop 295/80R22.5 16-ply on front axle	std	std	std	std
Dunlop 11R22.5 14-ply on rear axles	std	std	std	std



GVM - 24.5 tonne

GCM - HAS460 - 72-tonnes
(B-double truck & trailer) - standard

GCM - PAX460 - 90-tonnes
(B-double or highway RT) - optional