

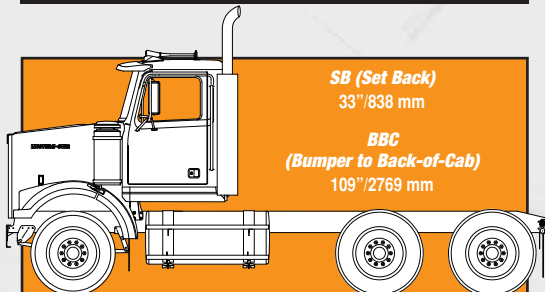
4864

FXC



WESTERN STAR TRUCKS®

CONSTELLATION 4864FXC



Engine Options

Detroit Diesel Series 60 EGR 14 Litre 430, 475, 500, 515 & 525hp.
Cummins ISX EGR 525, 550 & 600hp.

Engine Brake Options

Jacobs compression brake (for Detroit Series 60 EGR engines).
Cummins InterBrake compression brake.

Transmission Options

Eaton Fuller 13, 15 & 18 speed manual & 18 speed auto-shift with oil pump & Hayden Cooler; rear transmission support & oil filter, (synthetic lube standard).
Eaton Fuller auxiliary transmissions also available with certain engine/transmission combinations.

Front Axle

Standard Meritor MFS73.
Standard Meritor FG941, FL941.
Forward axle 838mm (33") set-back dimension.

Steering

TRW TAS 85, 23.3:1 ratio, RHD; TRW pump; 4 Quart reservoir; 508mm (20") leather 2-Spoke steering wheel with tilt/telescopic column.

Front Suspension

1587mm (62.5") taper leaf rated at 6,500kg (14,600lb) total capacity; cast iron spring brackets.
Optional 1334mm (52.5") taper leaf rated at 6,600kg (14,600lb) or 1588mm (62.5") taper leaf rated at 7,500kg (16,600lb) available.
Optional 1587mm (62.5") flat leaf extra arch with extra leaf rated at 6,600kg (14,600lb).
1588mm (62.5") flat leaf extra arch rated at 6,622kg (14,600lb).
1588mm (62.5") flat leaf rated at 7,500kg (16,600lb).
Threaded pins & bushings standard.

Front Brakes

Wabco Antilock Braking System (ABS).
Meritor 419mm x 127mm (16.5" x 5") with FG941, 16.5" x 6" with FL941, MFS73 optional.
'Q-Plus' cam; automatic slack adjusters, (bearings are Timken tapered roller).
Bendix ADB22X Air Disc front brakes optional.

Rear Axle Options

Meritor Dual Drive 40,000lb up to 52,000lb.
Dana Dual Drive 44,000lb up to 52,000lb.
Sisu Dual Drive 70,000lb.
Meritor, Dana, & Sisu TRI Drive 69,000lb to 364,500lb.

Rear Brakes

Wabco Antilock Braking System (ABS).
Meritor 419mm x 178mm (16.5" x 7") 'Q-Plus' cam with MGM chambers, automatic slack adjusters, (bearings are Timken tapered roller). Sisu 410mm x 210mm (16.25" x 8.25") included with Sisu rear axles. Bendix ADB22X Air Disc Rear Brakes.

Air Compressor Options

16.1cfm-37.4cfm compressors available (subject to engine options).

Main Driveline Options

Dana Spicer 1810HD with full round yokes & solid rubber bearing.
Dana Spicer SPL250HD 'XL' with half round yokes.
Meritor RPL25 heavy duty series.
Optional Meritor RPL25SD available for larger HP.

Interaxle Driveline Options

Dana Spicer 1710 with full round yokes.
Dana Spicer 1710HD with full round yokes.
Dana Spicer 1810HD with full round yokes.
Dana Spicer SPL170 'XL' interaxle driveline, half round yokes.
Meritor RPL20 heavy duty series.

Rear Suspension Options

Airliner Tandem Drive 46,000lb, Extra Duty 40,000lb.
Hendrickson Tandem Drive PRIMAAAX-46,000lb.
Meritor/Rockwell Tandem Drive six-rod AC6SS 46,000lb, 8 IC-6T 52,000lb AC6T.
Neway Tandem Drive AD246 46,000lb, AD252-52,000lb.
Neway Tri Drive AD369 69,000lb, AD378-78,000lb.

Air Compressor Options

Full flow: Engine mounted.

Air Cleaner

Dual 330mm (13") Donaldson air cleaners stainless steel dry element; external mounting, 152mm (6") ducting, restriction indicator & gauge in dash, raised air rams & water resistant element available.

Fan Clutch

9 Blade Nylon fan with K26RA Borg Warner (Kysor) fan clutch for Detroit Diesel engines.
Horton fan clutch for Cummins engines.

Radiator Options

1570 square inch, heavy-duty copper/brass radiator core.

Water Conditioner

Manufacturers recommended coolant (to facilitate long life coolant programs).

Exhaust Options

Dual vertical muffler & stack with polished perforated stainless steel exhaust shield with logo; chromed stack & lower elbow; cab mounted.

Alternator

Delco Remy 12V 160 Amp, 36 SI Brushless Quadramount pad alternator with remote battery volt sense.
Leece Neville 12V 160 AMP, Brushless 2309 pad mount alternator.
Cummins engines only.

Batteries

3 Alliance Model 1131, Group 31, 12 volt maintenance-free 2775 CCA batteries with threaded studs.
4 Alliance, Group 31, 12 volt maintenance-free from 2800 CCA to 3700 CCA batteries with threaded studs.
Four Alliance Model 7T31, Group 31, 12 volt maintenance-free 2800 CCA batteries with threaded studs.
Supercharge MF31-930, 12 volt maintenance-free, 950 CCA batteries with threaded studs.
Positive cab power battery shut-off switch mounted in cab outboard of driver's seat.

Starter Options

Delco 12V 42MT/OCF 450 Series starter with thermal protection - Detroit engines.
Delco 39 MT HD 12 volt starter - Cummins engines only.

Clutch

Eaton Fuller 15½" Easy Pedal VCT dampened ceramic 2 plate clutch, available for engines up to 2050lb-ft torque.
Eaton Fuller 15½" Solo VCT dampened ceramic adjustment-free soft rate clutch, available for engines up to 2050lb-ft torque.
Eaton Fuller 15½" Solo XL-100 VCT dampened ceramic adjustment - free soft rate clutch, available for engines up to 2250lb-ft torque.

Oil Seals

Front and back oil seals; Chicago Rawhide 'Scotseal XL'.
Oil seals included with Sisu axles.

Frame Options

Heat treated steel alloy 120ksi.
5/16" x 105/8" single 172" to 220" wheelbase & double rail 172" to 246" wheelbase.
3/8" x 103/4" single 172" to 238" wheelbase & double rail 172" to 252" wheelbase.

Front Bumper Options

Shipping bumper, 16" & 18" chrome bumper or aluminium bullbar
ECE-R93 conforming Front Underrun Protection (FUPS) for 26m applications. 4 or 5 post Road Train also FUPS rated.

Air Tank Dryer

1 CR Turbo 2000 air dryer with heater.

Air Tank Drain

Bendix Westinghouse DV-2 auto moisture ejector without heater, (optional heater available) to wet tank-drain valves on all other tanks.
Bendix Westinghouse DV-2 auto moisture ejector with heater to wet tank-drain valves on all other tanks.

Air Line Piping

Reinforced nylon lines, cab & chassis. Opt. Wire braided chassis lines.

Air Tanks

Steel, optional aluminium.

Fuel Tank Options

23" & 25" diameter fuel tank available from 227ltr to 567ltr capacities; heavy duty polished stainless steel straps; EquiFlo Inboard Fuel System. (Fuel tank configurations subject to wheelbase).
Fuel cooler standard.

Battery Box

Numerous options, side mounted & in frame mount (subject to application).

Cab Shell & Doors

ECE-R29 conforming cab.
E-Coated galvanised severe service 109" BBC steel cab with aluminised wax rustproofing; welded construction; exterior fibreglass sunvisor; fibreglass cab skirts; stainless sill plates.

Sleeper Cab Options

Starlight sleepers are available as 34" low roof, 48" low & 48" ultra low roof configurations.
Stratosphere 'walk-through' sleepers are available in 40", 54" and 68" configurations. Side shield & aero kit options available.

Steps

Polished aluminium; safety grip on fuel tanks, hydraulic tanks, battery boxes and/or toolboxes.

Bonnet & Fenders

Sloped tilt fibreglass hood with stainless steel grille bezel with insect screen; radiator mounted aluminium grille; mudflaps behind front tyres.

Grab Handle

LH & RH exterior grab handles mounted to cab and LH & RH interior grab handles mounted to A-post.

Mirrors

Dual stainless steel primary mirrors, heated with lights (options include electronic or manual); door mounted;
Dual 152mm (6") stainless steel convex auxiliary mirrors mounted below primary mirrors, optional 203mm (8") convex mirrors & 102mm x 229mm. (4" x 9"). LH downview mirror.

Horns

Dual rectangular Hadley 660mm (26") air horns with shields; single tone electric horn.
Optional Single Hadley 26" rectangular air horn Dual round air horns, single base, mounted under cab.
Quad Horns Stratosphere - Dual 22" chrome round horns and dual 19" steel round horns.
Quad Horns - Dual 22" chromed round airhorns mounted on cab roof Dual Hadley 22" chromed round airhorns mounted on cab roof when Stratosphere specified Dual Hadley 22" chromed round airhorns mounted on cab roof.

Headlamps

Dual 178mm (7") round headlamps, rectangular headlamps optional.

Tail Lamps

Dual stop, tail, turn & reversing lamps.

Marker Lamps

5 amber chrome rectangular.
2 amber chrome rectangular if roof mounted condenser fitted.

Courtesy Lamps

Dome, under dash & in both doors.

Switches

Three spare accessory switches; wiring & relay for bull lights.

Reading Lamps

Adjustable with individual switches in overhead console & above both doors.

Trailer Air Valves

Hand control valve; tractor protection valve; light connections, all behind cab or optional EOF.

Windows

Clear laminated 2 piece windscreen; 1 piece also available as Australian fit option; tinted safety glass side & rear; powered LHS door window.

Heater/Defroster

13.2kW (45,000 BTU) fresh air intake.

Air Conditioning

Integrated with radiator mounted condenser.
Optional Red Dot Roof mounted air conditioning condenser.

Interior Trim

Mesa vinyl upholstery package with diamond stitching on door panels (optional Phoenix cloth), headliner & back panel. Soft touch trim on overhead console, windshield post covers, trim above doors & upper door panels; dual interior sunvisors with pocket; moulded overhead console with passenger side storage area; side window defrost ducts & integrated arm rests; document pouch on driver's door; colour-keyed carpet on lower door; rubber floor mats.

Driver's Seat

National 2000 high back: 3-point retractor seat belt; driver's seat armrests. Optional Bostrom & other National seats as well.

Passenger's Seat

Tubular frame, fixed mount; 3-Point retractor seat belt.
Options include National 2000 & Bostrom seats.

Instrument Panel

Burl Elm simulated. Black panel available.
Optional Vinyl 'Woodgrain' in Royal Rosewood available.

Instruments & Gauges

Metric primary & secondary air pressure gauges, low air buzzer & lamp, fuel gauge, voltmeter, engine coolant temperature, oil pressure, engine oil temperature, exhaust temperature, rear axle oil temperature, transmission oil temperature, 89mm (3 1/2") diameter speedometer/odometer & 89mm (3 1/2") electronic tachometer with hour meter, Datastar. Gauge finish in Black, or optional Silver or Gold.

Paint

White PPG acrylic urethane to cab & hood; red chassis, silver rims, (options include custom paint).

Tyres & Wheels

Front tyres: Goodyear Marathon LHS 295/80R22.5" 16 ply.
Rear tyres: Goodyear G182 11R22.5" 16 ply.
Front rims: * Motor Wheel 22.5" x 8.25" steel (optional)
Rear rims: * - Vehicle comes standard without rims:
* Hayes Lemmerz 22.5" x 8.25" steel (optional)
Tyre options include Bridgestone and Michelin.
Steel and aluminium disc wheels available.