



4864

FXB

FREESTONE'S

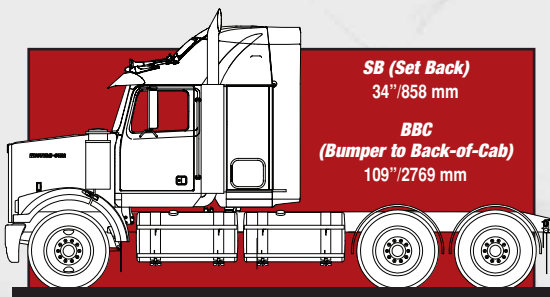
FREESTONE'S

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WESTERN STAR TRUCKS®

CONSTELLATION 4864FXB



Engine Options

Detroit Diesel Series 60 EGR 14L 525hp.
Cummins ISX EGR 525 & 600hp.

Engine Brake Options

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

Transmission Options

Eaton Fuller 18 speed overdrive manual & 18 speed auto-shift with oil pump & Hayden Cooler; rear transmission support & oil filter (synthetic lube standard).

Front Axle

Meritor MFS73.
Optional FG-941 available.
Forward axle 838mm (33") set-back dimension.

Steering

TRW TAS 85, 23.3:1 ratio, RHD; TRW pump; 4 Quart reservoir; 508mm (18") wood-leather wrapped 2-Spoke steering wheel with tilt/telescopic column.

Front Suspension

1587mm (62.5") taper leaf rated at 6,622kg (14,600lb) total capacity; cast iron spring brackets; Threaded pins & bushes standard.

Front Brakes

WABCO Antilock Braking System (ABS).
Meritor 419mm x 127mm (16.5" x 6") 'Q-Plus'; Haldex automatic slack adjusters. Bendix ADB22X air disc front brakes.

Rear Axle Options

Dana Spicer Dual Drive D46-170P rear axle, 46,000lb axle capacity R-Series Tandem.
Meritor Dual Drive RT-46-160GP R-Series rear axle, 46,000lb.

Rear Brakes

WABCO Antilock Braking System (ABS).
Meritor 419mm x 178mm (16.5" x 7") 'Q-Plus' cam with MGM chambers, automatic slack adjusters.
Bendix ADB22X Air Disc rear brakes.

Main Driveline Options

Dana Spicer SPL250HD 'XL' main driveline with half round yokes
Meritor RPL25SD main driveline.

Interaxle Driveline Options

Dana Spicer SPL170 'XL' interaxle driveline, half round yokes
Meritor RPL20 interaxle driveline.

Rear Suspension Options

Airliner 46,000lb capacity rear suspension.

Air Compressor Options

BW Model BA-921 15.9 CFM single cylinder compressor with safety valve, (standard on Detroit engines).
Cummins 18.7 CFM single cylinder compressor with internal safety valve.

Oil Filter

Full flow oil filter.

Air Cleaner

Dual stainless steel 13" Donaldson cowl mounted air cleaners with polished stainless steel bands. Dual stainless steel 13" Donaldson cowl mounted with inline separator and extension rams and water resistant element.

Fan Clutch

Reinforced nylon fan. Borg Warner (Kysor) K26RA fan clutch for Detroit engines.
Horton fan clutch for Cummins engines.

Radiator

1570 square inch copper/brass radiator.

Exhaust Options

Stationary cab/sleeper mounted, dual vertical exhaust with polished stainless steel exhaust shield, chromed stack & lower elbow.

Alternator

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

Batteries

4 Alliance Model 7T31, Group 31, 12 volt 2800 CCA; moisture proof cable ends; Positive cab power battery shut-off switch mounted in cab outboard of driver's seat.
Supercharge MF31-930, 12 volt maintenance-free, 950 CCA batteries with threaded studs

Starter Options

Delco 12V 42MT/OCP 450 Series starter with terminal protection for Detroit engines.
Delco 39 MT HD 12 volt starter for Cummins engines.

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.
Eaton Fuller 15½" ceramic easy pedal XL VCT plus manually adjusted clutch, available for engines up to 2250lb-ft torque.

Oil Seals

Chicago Rawhide Scotsseal Plus XL front & rear oil seals.

Frame Option

3/8" x 10¾" single channel.

Overhang

1473mm (54").

Front Bumper Options

FUPS Bumper, temporary steel bumper, 16" chromed steel bumper, 18" chromed steel bumper.

Air Tank Dryer

CR Turbo 2000 (Model 65) air dryer with heater.

Air Tank Drain

Bendix Westinghouse DV-2 auto moisture ejector without heater to wet tank. Drain valves on all other tanks.

Air Line Piping

Reinforced nylon lines, cab & chassis.

Air Tanks

Steel mounted in rail.

Fuel Tank Options

473 litre (26" diameter) tanks available in quad combination, optional quad square fuel tanks; dual suction & return fuel lines with crossover line, fuel cooler standard.

Battery Box

Steel (4) battery size battery box mounted between rails.

Cab Shell & Doors

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

Sleeper Cab Options

Starlight sleeper in a 34" low roof configuration.
Stratosphere 'walk-through' sleeper available in a 40" configuration. Side shield & aero kit options available.

Steps

Polished aluminium; safety grip on fuel tanks, and battery box.

Bonnet & Fenders

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

Insulation

Full cab & firewall insulation; cab undercoating;
barium/ceramic/foam insulation to floor & toeboard.

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 mounted downview mirror standard

Headlamps

Dual 178mm (7") round headlamps.

Tail Lamps

Dual stop, tail, turn & reversing lamps.

Marker Lamps

Amber rectangular.

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.

Horns

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

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; 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.

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 National and Bostrom seats available.

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 (3½") diameter speedometer/odometer & 89mm (3½") electronic tachometer with hour meter, Datastar, gauges available in black bezel finish, with optional silver and gold bezel finishes available.

Paint

White PPG acrylic urethane to cab & hood; red chassis. (Options include custom paint).

Tyres & Wheels

Front Tyres: Michelin XZE2+ 295/80R22.5 16 ply.
Rear Tyres: Michelin XDE2+ 11R22.5 16 ply.
Alcoa 88364X 22.5" x 8.25" to 12.25", 10-hub piloted, aluminium disc front wheels.
Alcoa 88364X 22.5" x 8.25" 10-hub piloted, aluminium disc rear wheels.
Optional Bridgestone tyres also available.