



PLW-500 PSA "CONSTRUCTOR" MODEL STANDARD SPECIFICATIONS

ENGINE

Cummins L10-300 - LCF six cylinder - turbocharged.
Bore and Stroke - 4.92" x 5.35".
Piston Displacement - 611 cu. in. 10 Litre.
Brake Horsepower - 300 H.P. @ 2100 R.P.M.
Maximum Torque - 950 lb. ft. @ 1300 R.P.M.
Farr Eco - CM Air Cleaner, cowl mounted.
Water Filter - spin-on type.
Spin-on full flow and by-pass filters.
Dana 14" two plate dampened disc organic clutch with torque limiting clutch brake.
Vertical Exhaust System with 4" dia. pipe, 3 ft. extension, Muffler Guard.
H.D. 12-volt starter.
Flywheel power take off (ready mix application).

TRANSMISSION

Fuller RTO1160LL (x) (8 + 2) speed twin countershaft Roadranger.

DRIVE LINES

Spicer 1710 series with steady bearing.
Spicer 1710 series inter axle.

PARKING BRAKE

* - Anchorlok Double Diaphragm - Type 30 spring brake chambers on two driving axles.

STEERING - TANDEM

Ross 503 gear with Vickers Dual Assist.

FRONT AXLE - TANDEM.

Rockwell Standard FL 941Q (2) 78.6 track.
Rated capacity 40,000 lbs.
16 1/2" x 6 cam type brakes (centrifuse drums).
20" 6 spoke wheels with 22.5 x 12.25 rims.
Neway tandem 40,000 lb. suspension with 4 springs and intermediate rocker.

REAR AXLE

Rockwell Standard SSHD with 72" track.
Rated capacity 46,000 lbs.
52" axle spacing.
Hendrickson RSA-380 rubber cushion suspension with overload cushion.
16 1/2" x 7" S-Cam brakes (w/centrifuse drums).
4 - 20" six spoke wheels with 22.5 x 8.25 rims (8).

TIRES

Front - 4 only 15R 22.5 LRJ.
Rear - 8 only 11R 22.5 LRG.

FRAME

10 x 3 1/4 x 3/8 single heat treated rail.
Section modules: 15.0 in.³ per rail.
RBM: 1,650,000 in. lb.
3/32" x 2 1/8" x 9 1/16" insert.
Aluminum channel type bumper.
No rear crossmember (Boost-A-Load provision).

RADIATOR

Bolt-on tank style with 2 pass core for low flow cooling.
1000 sq. in. frontal area.
No radiator shutters.
Winterized to -40° protection.
Aluminum Grill.

ELECTRICAL

12 volt system.
12 volt, 80 amp. Delco 27SI Alternator.
Two (2) Delco 1150 12 volt batteries installed in cab.
Automatic re-set circuit breakers.
Dual rectangular headlights, dual tail and stoplights, reverse warning lights, turn indicators, five bullet type clearance lights.
Electric horn.

AIR EQUIPMENT

CMVSS121 or MVSS121 (U.S.A.) Air Brake System with front and rear axle split system.
Single 13.2 c.f.m. Cummins compressor.
Wire braid flexible lines with Sinflex hose in chassis.
Single air horn.
Bendix air dryer.

INSTRUMENTS

Speedometer, tachometer, voltmeter, air pressure & application gauges, water temperature gauge, engine oil pressure gauge, fuel gauge, hour meter.

FUEL SYSTEM

Aluminum 50 Imperial gallon capacity, left side mounted fuel tank.
Cummins spin-on fuel filter.

CAB

Steel construction with fibreglass roof/plywood floor/aluminum doors/bulkhead type with view window.
Safety glass throughout.
Two piece tinted windshield. National Cush-N-Air low back driver's seat.
National low back passenger seat with quick remove provision.
Air operated windshield wipers with dual motors.
Electric windshield washers.
Dual stainless steel West Coast mirrors-heated and lighted.
Convex mirrors (1 L.H., 2 R.H.).

HOOD & FENDERS

All aluminum hood with removable aluminum side panels and rubber hood catches.
Aluminum flat top style fenders with non-skid upper surface and mudflaps.

PAINT

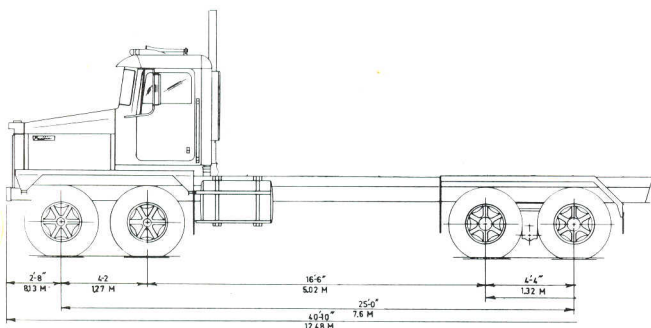
Cab: Polyurethane, single colour. (All aluminum items unpainted with natural finish.)
Chassis (incl. hubs, frame and running gear): Black.
Rims & Wheels: White.

ACCESSORIES:

Aluminum tool box on frame.
Fire extinguisher in cab.

COMPLETE PARTS AND SERVICE MANUAL

*OPTIONAL EQUIPMENT: OTHER DRIVE TRAIN FEATURES AVAILABLE - CONTACT SALES ENGINEERING.



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TRUCK
AND TRAILER LTD.

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