

MODEL P - 16: STANDARD SPECIFICATIONS

ENGINE

Detroit Diesel model 12-V-71
Bore and Stroke - 4¼" x 5"
Displacement in cu. in. - 852.
Brake horsepower at RPM - 475 @ 2100.
Torque at RPM - 1200 lb. ft. @ 1200.
Unit includes idle, stop, and emergency stop controls.

Dana 15½" two plate clutch.

MAIN TRANSMISSION

Spicer 1253-B (5 speed)

AUXILIARY TRANSMISSION

Spicer 1241-D (4 speed)

DRIVE LINES

Spicer - front - 1810 series
- centre - 1810 series
- interaxle - 1700 series

PARKING BRAKE

Anchorlok type 36 spring brake on 4 wheels of rear bogie.

STEERING

Gemmer 500 with Vickers hydraulic assist.
Assembly includes two drag links with idler arm ahead of axle, and provides maximum wheel lock of 40 degrees.
Steering hydraulic pump has 8 gal. per. min. capacity with 2.4 gallon reservoir.
Steer cylinder has 2 ¾" diameter with 12" stroke.

FRONT AXLE

Shuler DCA-34, 20,000# capacity with 90" track, 83" king pin centres, cast spoke hubs, 17¼" x 4" brakes, 5" wide springs with 57½" load centres and torque rod suspension.

REAR AXLE

Clark BD-71,000# axle with 90 5/8" track, cast spoke hubs, 20" x 7" brakes, type 36 air chambers, and steering yoke between forward housing and trunnion.
Heavy duty 6" wide spring suspension.

FUEL TANK

100 gallon capacity mounted on front face of cab protector. Fuel system includes primary and secondary filters to Detroit Diesel specifications.

TIRES & WHEELS

Tires - 2 only 14.00 x 24 - 20 ply nylon rib type with shredded wire undertread.
8 only 14.00 x 24 - 20 ply nylon, conventional lug type with shredded wire undertread.
11 only 10.00 x 24 Goodyear rims.

FRAME

16" wide flange @ 49 lb./ft. with ½" x 6" reinforcing bars welded to top and bottom flanges, and all cross members and brackets welded to frame members.

Rear trunnion supported by outboard supports with removable caps to facilitate servicing trunnion bushings.

Circular bolster welded to frame to serve as bunk roller path.

290 pintle hook with oil bath compensator

RADIATOR

Heavy duty core 36" x 42" x 5½" with bolt on top and bottom tanks and built in expansion tank, mounted on rubber to a cross-member which in turn is rubber mounted to frame.

Assembly includes air operated thermostatically controlled shutter.

ELECTRICAL

24 volts throughout with 75 amp. (25 S.I.) alternator, 6 manual reset circuit breakers, head, tail, and stop lights.

Cab equipment - 34,000 BTU heater, defroster fan, dome light, cigarette lighter.

AIR EQUIPMENT

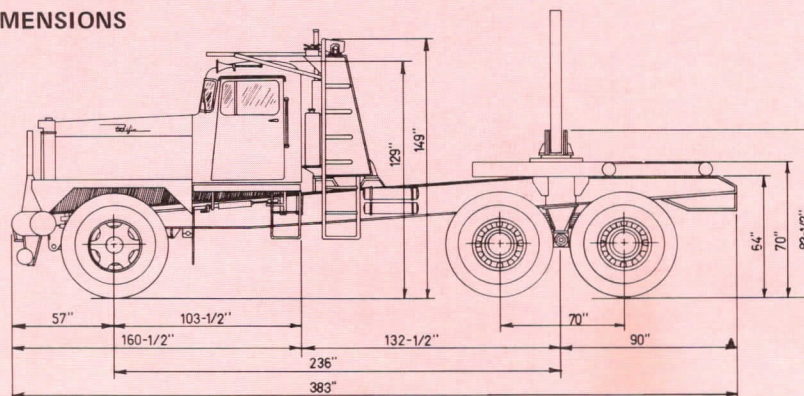
Schedule "B" two 12 cubic foot compressor system with valves to control front and rear axles, flexible lines throughout, and air horn.

INSTRUMENTS

Speedometer, Tachometer, Ammeter, Air Pressure Gauges, Water Temperature Gauge, Oil Temperature Gauge, Engine Oil Pressure Gauge, Low Air Pressure Warning Light, Two Air Cleaner Restriction Gauges, and High Beam Indicator.

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CHASSIS DIMENSIONS



MODEL P-16: SPECIFICATIONS (continued)

CAB

"Pacific" all steel type equipped with full length door hinges, safety glass throughout, full insulated, sliding rear window, vent windows, cowl vents, Bostrom Air Viking driver's seat, swamper's seat mounted on tool box, and dual painted West Coast mirrors.

PAINT

Cab and chassis; single colour.

HOOD & FENDERS

Hood is all steel with full length hinges, grab handles, and rubber hood catches.
Fenders are removable flat top style with non-skid top surfaces and mud flaps.
Full size radiator guard - mounted on front bumper.

ACCESSORIES

Wheel wrench and handle.

MODEL P - 16: OPTIONAL EQUIPMENT

ENGINE

Detroit Diesel 12V-71-T (525 h.p.)
Block heater
Exhaust pyrometers (2)

MAIN TRANSMISSION

Allison CLBT-5960
Manual lock-up for CLBT-5960
Allison CLBT-6061 (Mandatory with 12-V-71-T)

FRONT AXLE

Rockwell Standard FU-910, 28,000 # capacity axle with 89" track and 20 $\frac{1}{4}$ " x 5" brakes.

REAR AXLE

Clark BD-91,000 axles with 100" track, 20" x 7" brakes.
Clark BD-121,000 axles with 106" track.

TIRES

14.00 x 24 - 20 ply lug, deep tread nylon with shredded wire undertread.
14.00 x 25 - 20 ply conventional lug, nylon with shredded wire undertread.
14.00 x 25 - 20 ply lug, deep tread nylon with shredded wire undertread.

CAB

Offset cab
Windshield washer
Sun visor

ELECTRICAL

Turn indicators.
Clearance lights - 2 cab mounted.
Driving light mounted below bumper.
Back up light.
Flasher warning lights mounted on mirrors.

AIR SYSTEM

Alcohol evaporator
B.W. air dryer
Wagner moisture ejection valve

INSTRUMENTS

Kysor high water, low oil warning system and automatic shutdown with manual override.
Transmission temperature gauges.
Axle temperature gauges.

ACCESSORIES

Fire extinguisher - 2 $\frac{1}{2}$ lbs. dry type.
Set of two reflector flares and flags.
20 ton hydraulic jack.

LOGGING EQUIPMENT

400 gallon water tank with subframe, water lines, and controls in cab.
Oil bath compensator w/funnel hitch
Hydraulic self-load preload equipment.

In order that product improvements may be introduced at any time specifications are subject to change without notice.

These specifications are of a standard nature, but owing to our ability to custom build all our trucks, specifications may be made to suit individuals with the approval of Engineering Department.

 **Pacific TRUCK & TRAILER LTD.**

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