

# Pacific<sup>®</sup> MODEL P-16

## STANDARD SPECIFICATIONS

### ENGINE

Detroit Diesel model 12-V-71N.  
Bore and Stroke - 4 1/4" 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.

### MAIN TRANSMISSION

Allison CLBT 5960.  
Electric shift - 24 volt.  
Manual Lock-up.  
Magnetic Oil Plug.

### 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 bearing type idler arm ahead of axle, and provides maximum wheel lock of 35 degrees.  
Steering pump has 9 gal. per min. capacity with 2.4 gallon reservoir.  
Steer cylinder is 2 3/4" diameter with 12" stroke.

### FRONT AXLE

Rockwell FU910P, 28,000 lb. capacity axle with slipped spring and torque rod suspension, 89" track, cast spoke hubs, 25" x 10" rims and 20 1/4" x 5" brakes.

### REAR AXLE

Clark BD-91000, 100,000 lb. capacity axle with heavy duty 6" Pacific spring suspension, 100" track, cast spoke hubs, 25" x 10" rims and 20" x 7" brakes.

### FUEL TANK

120 gallon capacity mounted on front face of cab protector/watertank.  
Electric fuel gauge.  
Fuel system includes primary and secondary filters to Detroit Diesel specifications.

### TIRES & WHEELS

Tires - 2 only 14.00 x 25 - 20 ply nylon rib type with shredded wire undertread.  
8 only 14.00 x 25 - 20 ply nylon, deep tread type with shredded wire undertread.  
10 only 10.00 x 25 Goodyear rims.

### FRAME

16" wide flange @ 49 lb./ft. with 1/2" x 6" reinforcing bars welded to top and bottom flanges, and all cross members and brackets welded to frame members.  
Flat face swept back bumper or tube type swept back bumper.  
Grill guard.  
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.  
Funnel hitch with oil bath compensator.

### RADIATOR

Heavy duty core 36" x 42" x 5 1/2" with bolt on top and bottom tanks and built in expansion tank, mounted on rubber to a cross-member.  
Assembly includes air operated thermostatically controlled shutter.

### ELECTRICAL

24 volts throughout with 65 amp. (27 S.I.) alternator, 6 automatic reset circuit breakers, head, tail and stop lights.  
Cab equipment - 34,000 BTU heater, defroster fan, dome light, cigar lighter.  
Isolation switch.  
Warning flashers (mount on mirrors).

### AIR EQUIPMENT

Schedule "L-75" 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.  
Windshield washer off water tank.

### CAB

"Pacific" all steel type offset cab equipped with heavy duty door hinges, safety glass throughout, fully 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 plus 12" convex mirror mounted r.h. side, interior sun visor (driver's side).

### PAINT

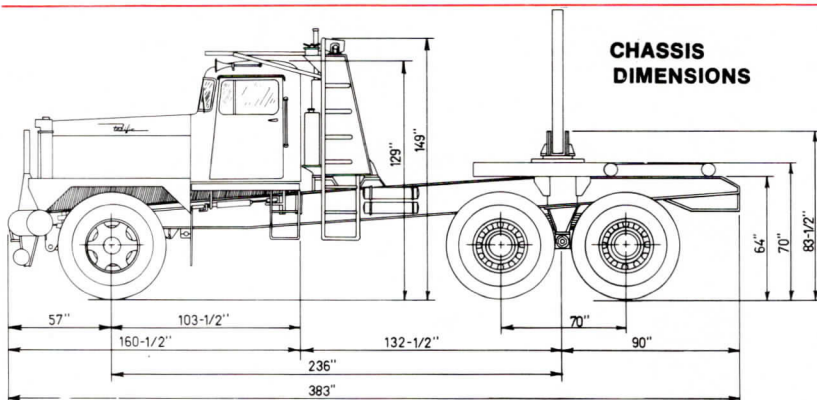
Cab and chassis; single colour.

### HOOD & FENDERS

Hood is all steel with full length hinges, grab handles, and rubber hood catches, complete with removable sidepanels. Fenders are removable flat top style with non-skid top surfaces and mud flaps.

### ACCESSORIES

Axle & shovel holder.  
Complete parts and service manual.



**Pacific<sup>®</sup>**  
**TRUCK**  
AND TRAILER LTD.

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#### **ENGINE**

Detroit Diesel 12-V-71-T (525 h.p.), 16V-71, 12V-92-T.  
Cummins KT-450, KTA-525, KTA-600.

Caterpillar 3408.

Block heater.

Exhaust pyrometers (2).

Air start.

#### **MAIN TRANSMISSION**

Spicer 1253B (5 speed).

Allison CLBT-6061, DP8961.

Clark 8000 Series Power Shift.

#### **AUXILIARY TRANSMISSION**

Spicer 1241-D (4 speed).

#### **REAR AXLE**

Clark BD-121,000 axles with 106" track.

Rockwell SPR-570 (121,000 lb. capacity) with

92", 100" or 106" track.

#### **TIRES**

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

1600 x 25 conventional or deep lug (when available).

#### **CAB**

Custom Interior.

Sun Visors - external, r.h. interior.

Seat Belts.

#### **ELECTRICAL**

12/24 volt system with 90 amp 30 SI/TR alternator.

Turn indicators.

Clearance lights - 2 cab mounted.

Driving light mounted below bumper.

Back up light.

#### **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 complete with water probe.

Sentinal shutdown (to idle).

Transmission temperature gauges.

Axle temperature gauges.

Murphy gauge.

#### **ACCESSORIES**

Fire extinguisher - 2 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.

Hydraulic self-load preload equipment.

Bunks - 12 ft. to 15 ft.

Heavy duty rear bogey fenders.

Metal deck from water tank to bolster.

Water tank walkway.

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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.

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