



Pacific

MODEL
P-16

**Custom
Built**

RATING — Gross Combination Weight

	FRONT AXLE	REAR AXLE	TRAILER	TOTAL
STANDARD	18,000	70,000	80,000	168,000
OPTIONAL	20,000	100,000	110,000	230,000
MAXIMUM	28,000	100,000	120,000	248,000

MODEL P-16: SPECIFICATIONS include following —

1. ENGINE

Detroit Diesel model 12V71.
Bore and stroke - 4½" x 6".
Displacement in cu. in. - 852.
Brake horsepower at RPM - 432 @ 2100.
Torque at RPM - 1205 lb. ft. @ 1200.
Unit includes idle, stop, and emergency stop controls.

2. TRANSMISSION

Allison CLBT 5960 six speed power shift unit mounted with Torqmatic retard built in and lock-up control in all ranges except first and reverse. Dash mounted combined "Converter efficiency and shift indicator gauge" for the driver's assistance.

4. DRIVE LINES

Spicer - front 1800 Series Torsilastic
center 1800 Series
interaxle 1700 Series

5. PARKING BRAKE

Spring brake on 4 wheels of rear bogie (type 36 air chambers).

6. 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. Steering cylinder has 2¾" diameter with 12" stroke.

7. FRONT AXLE

Shuler FCA-34-53-51, 20,000# capacity with 90" track, 83" king pin centers, cast spoke hubs, 17¼" x 4" brakes, 4" wide springs with 57½" load centers and torque rod suspension.

8. REAR AXLE

Clark BD 70000 with 90" track, cast spoke hubs, 20" x 7" brakes, type 36 air chambers, and steering yoke between rear axle and trunnion.

Rear springs have 11 leaves each 1" thick and 5" wide.

9. TIRE AND WHEELS

Tires - 10 only 14.00 x 25 - 20 ply nylon lug type with shredded wire undertread.
Wheels - front, 2 only 10.00 x 25 disc type; rear, 9 only 10.00 x 25 Goodyear rims.

10. 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.

11. 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.

12. ELECTRICAL

24 Volts throughout with 840 watt alternator, voltage regulator, 6 manual reset circuit breakers, head, tail, and stop lights.

Cab Equipment - heater, defroster fan, dome light, cigarette lighter.

13. AIR EQUIPMENT

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

14. INSTRUMENTS

Speedometer, tachometer, ammeter, three air pressure gauges, water temperature gauge, oil temperature gauge, engine oil pressure gauge, low air pressure warning light, two air cleaner restriction gauges, Allison transmission temperature and oil pressure gauges, and high beam indicator.

MODEL P-16: SPECIFICATIONS (continued)

15. FUEL TANK

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

16. CAB

"Pacific" all steel type equipped with full length door hinges, safety glass throughout, fully insulated, sound deadened and lined, sliding rear window, vent windows, cowl vents, Bostrom Viking or Levelair driver's seat, swamper's seat mounted on tool box, and outboard mounted mirrors.

MODEL P-16: OPTIONAL EQUIPMENT

1. ENGINE

Block heater.
Exhaust Pyrometers (2).

7. FRONT AXLES

Rockwell Standard 28,000# capacity axle (FU-900) with 89" track and 20 1/4" x 5" brakes.

8. REAR AXLES

Larger capacity spring for use with Clark BD 70,000 axles consisting of 9 leaves 1" thick by 6" wide and 2 leaves 3/4" thick by 6" wide.

Clark BD 90,000 axles with 100" track, 20" x 7" brakes, and steering yoke between rear axle and trunnion.

Included with this option is the heavier circular bolster (SF-114).

9. TIRES AND WHEELS

14.00 x 25 - 20 ply hard rock lug, extra tread nylon with shredded wire undertread.

14.00 x 24 - 20 ply hard rock lug, nylon with shredded wire undertread.

14.00 x 24 - 20 ply hard rock lug, extra tread nylon with shredded wire undertread.

11. RADIATOR

Antifreeze.

12. ELECTRICAL

Turn indicators.

Clearance lights - 2 cab mounted.

Driving light mounted below bumper.

Back up light.

Trailer connection (1051-6, 1052-6).

Flasher warning lights mounted on mirrors.

Electric shift for CLBT 5860 and 5960.

17. HOOD AND 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.

18. PAINTING AND LETTERING

To customer's specifications.

19. ACCESSORIES

Tool kit, grease gun, and wheel nut wrench.

13. AIR BRAKES

Alcohol evaporators (2).

14. INSTRUMENTS

Kysor high water low oil warning system and automatic shutdown with manual override.

Axle temperature gauges.

Fire extinguisher - 2 1/2 lbs. dry type (Dominion 74-4800).

Windshield washer (Trico AWFB).

Set of two reflector flares and flags (FF-22).

Set of three reflector flares and flags (FF-33).

Sun visor.

16. CAB

Offset cab.

20. LOGGING EQUIPMENT

400 Gallon water tank with subframe, water lines, and controls in cab.

Hydraulic fifth wheel built into frame with pump, PTO, valves, lines, and controls in cab.

Fifth wheel as above plus "square" bolster.

Selfload equipment including Gearmatic 11-SCL winch and loading ramps to be used with preload trailers.

20 ton hydraulic jack.

Tow hooks on rear of frame.

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.