

# Standard P-500PF Specifications



## TRANSMISSION

Fuller RT-14615, 15-speed twin countershaft Roadranger.

## DRIVE LINES

Spicer 1710 series with steady bearing.

## PARKING BRAKE

Anchorlok Double Diaphragm—Type 30 spring brake chambers on forward driving axle.\*

## STEERING

Sheppard M-392 integral power steering to 12,000 lbs.

## FRONT AXLE

Rockwell Standard FF-941N with 79.19" track.

12,000 lbs. capacity.

54" load centre front springs.

Two-six spoke wheels with 20" x 7.50 FL3 rims (2).

## REAR AXLE

Rockwell Standard SSHD with 72" track.

46,000 lb. capacity. GCW 90,000 lbs.

54" axle spacing.

Hendrickson RS-440 rubber cushion suspension or RT-440 steel leaf suspension.

16 1/2" x 7" S-Cam brakes.

Eight-six spoke wheels with 20" x 7.50 FL3 rims (8).

## TIRES

10 only 10.00 x 20, 12 ply nylon. Conventional rib tread.

## FRAME

10" x 3 1/4 x 3/8 single heat treated rail (P-510 model designation).

Section modulus: 15.0 in.<sup>3</sup> per rail.

RBM: 1,650,000 in. lb.

Maximum frame rail length: 396".

Steel channel type bumper.

Blank rear channel crossmember.

## RADIATOR

Bolt-on tank style.

1408 sq. in. frontal area.

Kysor air operated radiator shutters (dual cylinder).

Winterized to -40°F. protection.

## ELECTRICAL

12/24 volt system.

12-volt, 90 amp. Delco 30SITR Alternator.

Four Group 4D, 6-volt, 160 amp.-hr. batteries.

Automatic re-set circuit breakers.

Dual rectangular headlights, dual tail and stoplight, reverse warning lights, turn indicators, five pedestal type clearance lights.

Electric horn.

## AIR EQUIPMENT

Schedule 'A' Brake System.\*

Air compressor.

Wire braid flexible lines with re-usable fittings throughout.

Single air horn.

## INSTRUMENTS

Speedometer, tachometer, ammeter, air pressure gauges, water temperature gauge, engine oil pressure gauge, fuel gauge, air cleaner restriction indicator, one roof mounted 6" fan.

## FUEL SYSTEM

Steel 66 Imperial gallon capacity, left-side mounted fuel tank.

Spin-on fuel filter.

## CAB

Steel construction with fibreglass roof and aluminum bulkhead type doors.

Safety glass throughout.

Bostrom Viking T-Bar driver's seat.

Air operated windshield wipers with dual motors.

Electric windshield washers.

Dual stainless steel West Coast mirrors—heated and lighted.

## HOOD

Heavy Duty Fibreglas tilt hood.

Polished stainless steel grille.

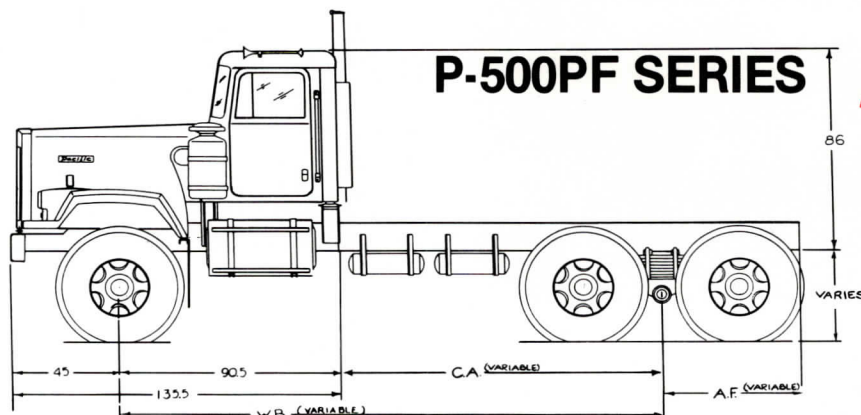
## PAINT

Cab: Enamel, single colour.

Chassis (includes fuel tank, battery box, bumper, hubs, frame and running gear): Black.

Rims: Grey.

\* OPTIONAL EQUIPMENT FOR OTHER BRAKE SYSTEMS.



**Pacific**  
**TRUCK**  
**AND TRAILER LTD.**

935 WEST 3RD STREET, NORTH VANCOUVER, B.C. (604) 985-7121

A member of the Inchcape Group

# Caterpillar Engines and Pacific Trucks... an unbeatable performance team.

In closely monitored fleet field evaluation programs across Canada and the United States, Cat 3400 Series Truck Engines are logging superior mpg results up to 9% over comparable competitive engines.

## CAT 3406B

### Design features include:

- **Maintenance-free fuel system** features individual scroll-type fuel pumps for each cylinder that require no balancing . . . maintain fuel efficiency without periodic adjustment.
- **Full range governor** senses load demand and meters fuel to maintain constant speed over rolling terrain. Reduces shifts and accelerator changes for greater fuel economy.

- **Big displacement** for high torque rise, added pulling power and less shifting on grades. The overall result is superior performance and long life.

- **Big diameter camshaft** is total hardened for reduced lobe wear, less downtime and longer life.

- **Cast-in piston ring band** of iron nickel alloy provides long-wearing grooves for both compression rings.

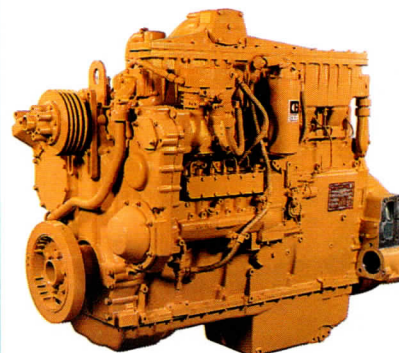
- **No counterbores.** A steel spacer plate between the head and the block eliminates the need for counterbores. The result is a stronger block that's easier and less expensive to rebuild.

- **Gear-driven components.** Water pump, air compressor and power steering pump for added reliability and long life. And there are no belts to slip, break or replace.

Pacific Truck offers both jacket water and air-to-air aftercooled (ATAAC) 3406B Engine arrangements for maximum application flexibility.

3408B jacket water aftercooled arrangements up to 503 horsepower are available for off-road and export service.

For top fuel efficiency and performance see your Caterpillar or Pacific Truck Dealer for complete rating information.



### 3406 B Ratings

HP	RPM	Peak Torque	Torque Rise
Jacket Water Aftercooled			
350 @ 1800	1320 @ 1200	29%	
350 @ 2100	1320 @ 1200	51%	
400 @ 1800	1375 @ 1260	18%	
400 @ 2100	1375 @ 1260	37%	
*360 @ 1800	1325 @ 1260	26%	
*400 @ 2100	1325 @ 1260	32%	
Air-to-Air Aftercooled			
350 @ 1800	1320 @ 1100	29%	
400 @ 1800	1375 @ 1200	18%	
425 @ 2100	1450 @ 1200	36%	
*370 @ 1800	1375 @ 1200	27%	
*400 @ 1800	1375 @ 1200	18%	
*400 @ 2100	1375 @ 1200	37%	

\* California Ratings

Materials and specifications subject to change without notice.

