



P500 PS/PF SERIES

8x4, 8x6, 8x8

STANDARD SPECIFICATIONS

ENGINE

Cummins NTC-350 six cylinder - turbocharged.
Bore and Stroke - 5 1/2" x 6".
Piston Displacement - 855 cu. in.
Brake Horsepower - 350 H.P. @ 2100 R.P.M.
Maximum Torque - 1175 lb. Ft. @ 1300 R.P.M.
Dual Donaldson Cyclopac Air Cleaner, cowl mounted.
Water Filter - spin-on type.
Spin-on full flow and by-pass lube filters.
Dana 14" two plate organic clutch with torque limiting clutch brake.
Vertical Exhaust System with 5" dia. pipe, 3 ft. extension, stainless steel Muffler Guard.
H.D. 24-volt starter.

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

Ross 503 tandem steering with Vickers Assist.

FRONT AXLE (8 x 4).

Rockwell Standard FG 941Q Tandem steering axles
29,000 lbs. combined capacity.
Newway 4 spring suspension 50" axle centres.
4-six spoke wheels with 20" x 7.50 FL3 rims (4).

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.
4-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

12 x 4 x 3/8 single heat treated rail (P512 model designation).
Section modulus: 22.736 in.³ per rail.
RBM: 2,500,960 in. lb.
Maximum frame rail length: 425".
Steel channel type bumper.
Blank rear channel crossmember.
Straight through front frame design.

RADIATOR

Bolt-on tank style.
1408 sq. in. frontal area.
Kysor air operated radiator shutters (dual cylinder).
Winterized to -40° protection.

ELECTRICAL

12/24 volt system.
Delco 12 volt, 90 amp. 30SI TR Alternator.
Four Group 4D, 6-volt 160 amp.-hr. batteries.
Automatic re-set circuit breakers.
Dual rectangular headlights, dual tail and stoplights, reverse warning lights, turn indicators, five pedestal type clearance lights.

Electric horn.

AIR EQUIPMENT

Schedule 'A' Brake System. (Export)*
Single 13.2 c.f.m. Cummins compressor.
Wire braid flexible lines with re-usable fittings throughout.
Single air horn.

INSTRUMENTS

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

FUEL SYSTEM

Steel 66 Imperial gallon capacity, left side mounted fuel tank.
Cummins spin-on fuel filter.

CAB

Steel construction with fibreglass roof and aluminum doors, bulkhead type.
Safety tinted glass throughout.
Bostrom Viking T-Bar driver's seat.
Bostrom passenger seat.
One defroster fan.
Air operated windshield wipers with dual motors.
Electric windshield washers.
Dual stainless steel West Coast mirrors-heated and lighted.

HOOD & FENDERS

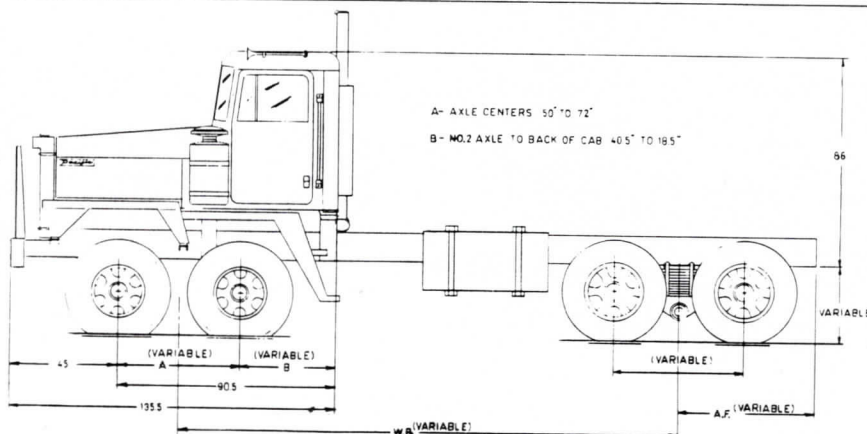
All steel hood with removable steel side panels and rubber hood catches.
Steel flat top style fenders with non-skid upper surface and mudflaps.

PAINT

Cab: Enamel, single colour.
Chassis (incl. fuel tank, battery box, bumper, hubs, frame and running gear): Black.
Rims: Grey.

COMPLETE PARTS AND SERVICE MANUAL

*SEE 'OPTIONAL EQUIPMENT' FOR BRAKE SYSTEM.



Pacific
TRUCK
AND TRAILER LTD.

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

A member of the Inchcape Group

P-500 PS/PF SERIES: OPTIONAL EQUIPMENT

ENGINES

Cummins	Detriot	Caterpillar
L10	6V-92TA	3406B
NTC-300	8V-92TA	
NTC-400		
NTC-475		

Jacobs brake with multiple-position switch. Caterpillar brake saver.

Block heater, oil pan heater, exhaust pyrometer, thermatic fan, Vernier hand throttle control, air cleaner diverter valve.

Luberfiner 750 lub. oil filter.

Phillips Quick-Start.

Low oil pressure/high water temperature warning light.

Kysor engine alarm and shutdown system.

Dana 15 1/2" two-plate clutch, Organic or Super Ceramic.

Dampened disc clutch.

Chrome exhaust and air cleaner parts.

Double wrap muffler - mandatory for North America.

TRANSMISSIONS - Main

Fuller RTO-11613, RT and RTO-14613
RT-11610, RTO-11610, RT and RTO-14615
T-11605, TO-11605, RTO-14608LL, RTO-14608LL

Spicer SST-5, 1452A and 1453A or B
SST-6, 1463A

Allison HT-750 DRD
CLBT-754, CLBT-754DB

Auxiliary -

Spicer 738 transfer case.

Spicer 1241-C or D Four-Speed.

Fabco TC160, TC140, TC141 Transfer case.

P.T.O. selection available.

DRIVE LINES

Pacific will match drive lines to suit the torque requirements of the drive train components.

PARKING BRAKES

Anchorlok Type 30 on two driving axles (Mandatory)

Maxi Type 30 in lieu of Anchorlok.

Anchorlok Type 36 on two driving axles (with
Clark BD-71,000 and BD-91,000 axle only).

FRONT AXLES

8 x 4

Rockwell FL941Q, 40,000 lb. capacity.

8 x 6

Rockwell FDS-1800 and FL941Q, 40,000 lb. capacity.

M.A.N. AV7-950 and Rockwell FK941Q, 40,000 lb. capacity.

8 x 8 M.A.N.

VAT-750 and VAD7-750 Tandem 30,000 lb.
capacity.

Magirus MDF750 tandem 26,000 lb. capacity.

Clark DTS33410 tandem 40,000 lb. capacity.

Fabco SDA-21 tandem 40,000 lb. capacity.

Wheel bearing oil seals on non driving axles.

Disc wheels mandatory on all driving front axles.

REAR AXLE

Rockwell Standard SFD-4640, 65,000 lbs. capacity.
SR, SW, SU axles - 46,000 lbs. to
70,000 lbs. capacity.

Eaton DS/DT/DP 460P, 46,000 lb. capacity.

DS/DT/DP 480P, 48,000 lb. capacity.

M.A.N. H7-HD7, 70,000 lb. capacity.

Magirus MDR 3590, 75,000 lb. capacity.

Clark BD-71,000, 80,000 lbs. capacity.

Clark BD-91,000, 100,000 lb. capacity.

Hendrickson RS-450 rubber cushion suspension.

RT-450 steel leaf suspension.

RS-500 rubber cushion suspension.

RS-700 steel leaf suspension.

R-700 solid mount.

R-1000 solid mount.

Pacific steel leaf suspension for the above axles.

Wheel Bearing oil seals, on Rockwell and Eaton axles only.

Disc wheels - Rims mandatory on Clark axles.

TIRES

— up to 18 x 22.5 tubeless.

— up to 1400 x 24 tube type.

FRAME

*11 1/2" x 3 1/2" x 3/8" complete insert for 12" rail.

Combined section modulus 41.396 in.³ per rail,

RBM 4,553,560 in. lb.

3rd rail, back to back 12" outer rail combined section

modulus 64.132 in.³ per rail, RBM 7,054,520 in lb.

Radiator guard.

Bumper option — steel reinforced w/tow pin.

— Tubular w/tow pin.

40" Frame width.

ELECTRICAL

Five bullet type chrome cab marker lights.

Driving lights.

Utility spotlight.

Seven-way trailer connector at rear of frame, midship or B.O.C.

AM radio with dual speakers, AM/FM radio with cassette tape deck.

Battery isolation switches.

Four Group 5D 6-volt 180 amp. hour batteries.

Four Group 7D 6-volt 204 amp. hour batteries.

Two Group 8D 12-volt 204 amp. hour batteries.

Four 12-volt 1150 or 1200 series batteries.

90 amp. Delco 30SI/TR alternator (mandatory with
12/24 volt systems).

AIR SYSTEM

Schedule L-75 (Tractor) Brake System.

Schedule CMVSS-121 Brake System.

Schedule FMVSS-121 Brake System for U.S.A.

Alcohol evaporator (N.A. with Cummins compressor).

Wagner moisture ejection valve.

Bendix air dryer.

Wagner wig-wag low air pressure indicator.

Dual air horns, trailer air connector at rear of frame, midship or B.O.C.

INSTRUMENTS

Recording tachographs, Sangamo, Argo, VDO. (M.P.H. or R.P.M.).

Hobbs engine hour meter.

Transmission temperature gauges.

Rear axle temperature gauges.

Engine oil temperature gauge.

FUEL SYSTEM

Single 66 gallon (80 U.S.) aluminum fuel tank.

Dual 66 gallon (80 U.S.) fuel tanks, (steel or aluminum).

Single 80 gallon (100 U.S.) fuel tank, L.H. side mounted,
(steel or aluminum).

Dual 80 gallon (100 U.S.) fuel tanks, (steel or aluminum).

Fuel/water separator.

Vacuum gauge.

F-170 Luberfiner fuel filter.

CAB

National Cush-N-Aire driver's seat.

Bostrom Air Viking driver's seat.

Eldorado driver's and buddy seats.

H.D. cab mntd. mirror brkts.

Sliding rear window, rear window protector screen.

Electric right side window.

Outside sun visor.

Steel roof cap.

Air conditioning.

Prestige cab interior.

Hood & fenders.

Fibreglass tilt hood with steel finders on second axle.

HOOD & FENDERS

Fibreglass tilt hood with steel fenders on second axle.

PAINT

Special optional cab paint effects (single or multi-
colour on base colour).

Paint to customer's specifications.

ACCESSORIES

Spring loaded mudflaps behind rear axle.

Fire extinguisher (2.5 lbs. dry type).

Set of two flags and flares.

Hydraulic jacks (12 or 20-ton capacity).

Wheel wrench and handle.

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