INTERNATIONAL

Pacific P610

HEAVY DUTY CONVENTIONAL

CONFIGURATION	WHEELBASE	GROSS VEHICLE MASS	GROSS COMBINATION MASS
6 x 4	5.38 m (212 in)	20.99 t (46 180 lb)	56.82 t (125 000 lb)

ENGINE SPECIFICATIONS

ENGINE
Cummins NTC-350.
Six cylinder-turbocharged.
Max. gross power: 261 kW (350 BHP) at 2100 RPM.
Max. net power: 248 kW (333 BHP) at 2100 RPM.
Max. gross torque: 1308 Nm (965 lb ft) at 1500 RPM.
Max. net torque: 1293 Nm (954 lb ft) at 1500 RPM.
14 litre (855 cu in) displacement.
14.1 :1 Compression ratio.
'Spin-on' type water filter.
Jacobs exhaust brake.
Vertical muffler and tail pipe L.H.

AIR CLEANER
Dual 14" Donaclone.

COOLING SYSTEM
Bolted radiator 914 x 1118 mm (36 x 44 in).
Frontal area: 1.02 m² (1584 sq in).
Built in de-aeration system.
Dynair thermatic fan clutch.

FUEL SYSTEM
Dual 300 / (66 gal) tanks.
Single lubefiner F170 primary fuel filter.
Fuel water separator.

DRIVELINE SPECIFICATIONS

TRANSMISSION
Fuller RTOF 12515 Twin Countershaft 15-speed direct constant-mesh Roadranger with oil cooler.
Ratios: 10.93, 8.43, 7.65, 6.56, 5.90, 5.07, 4.59, 3.99, 3.55, 2.79, 2.16, 1.66, 1.30, 1.00, 0.79.
Reverse: 10.93, 7.65, 2.16.
Magnetic oil plug.
Oil temperature gauge.

CLUTCH
Spicer 356 mm (14 in) twin plate with torque limiter clutch brake.

DRIVE LINES
Spicer 1710 series with steady bearing.

AXLE, REAR
Rockwell standard SSHD with 1830 mm (72 in) track.
20 000 kg (44 000 lb) capacity.
Single reduction tandem drive.
Interaxle differential.
Magnetic drain plug.
Ratio 5.29 :1.
Stemco oil seals.

CHASSIS SPECIFICATIONS

FRONT AXLE
Rockwell standard FF921 with 1980 mm (77.88 in) track.
5450 kg (12 000 lb) capacity/Stemco oil seals.

FRONT SUSPENSION
101 x 1372 mm (4 x 54 in) semi-elliptic steel leaf springs.
Shackled and with shock absorbers.

STEERING
Sheppard M392 integral power steering.

BRAKES, SERVICE
Air operated with 0.382 m³/min (13.5 cu ft/min) water cooled compressor.
Low air pressure warning buzzer and light.
Front wheel limiting valve and warning light.
Flexible hoses used throughout. Size:
419 x 127 mm (16.5 x 5 in) front
419 x 178 mm (16.5 x 7 in) rear.

BRAKES, PARKING
Anchorlok Type 30 with spring brake on both rear axle.

REAR SUSPENSION
Hendrickson RT 440.
20 000 kg (44 000 lb) capacity.
Tandem suspension with 1372 mm (54 in) walking beams and bronze centre bushing.

FRAME
Side rails: 254 x 83 x 9.5 mm (10 x 3.25 x 0.38 in).
Heat treated alloy steel.
Section modulus: 245.8 cm³ (15 cu in) per rail.
Channel bumper with tow pin.

WHEELS
5 spoke 20 x 7.5 rims.

TYRES
10.00 x 20 12 ply.
Spare rim and tyres.

Pacific P610

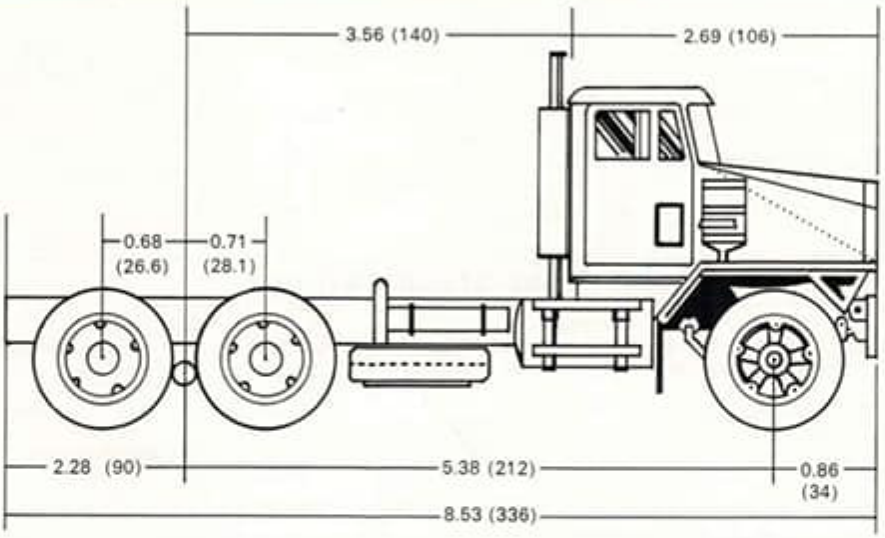
CAB AND ELECTRICAL SPECIFICATIONS

CAB
Steel construction with tilting fibre glass hood and fender. Custom trim.
Stainless steel mirrors.
Seat belts.
Air Viking driver seat.
Air operated windshield wipers.
Trico windshield washer.
Interior and exterior sun visors.
Heater/demister.
Radio.

Instruments comprising metric speedometer, tachometer, ammeter, air pressure gauges, water temp., oil temp., oil pressure, fuel transmission and rear axles temp. guages.
Low air pressure light and buzzer.
Low oil, high water temp. light.
Exhaust pyrometer.

FINISH
Cab exterior: white.
Chassis and bumper: Bronze.
Wheels: Bronze.

ELECTRICAL SYSTEM
12 volt with 80 amp alternator.
High torque starter.
7-way back of cab trailer connection.
Automatic re-set circuit breakers.
Dual headlights, dual tail and stop lights.
Reverse warning light, turn indicators.
Five pedestal type clearance lights.
Electric horn and single air horn.



DIMENSIONS, with 10.00 x 20 tyres mm (ins.)

OVERALL HEIGHT
Top of cab: 2.79 (110))
Top of Exhaust 3.10 (122)

FRAME HEIGHT
Empty: 1.12 (44)

OVERALL WIDTH
Rear wheels: 2.24 (96)

GROUND CLEARANCE
Front axle: 0.29 (11.2)
Rear axle: 0.28 (11)

CENTRE TREAD WIDTH
Front: 2.03 (80)
Rear: 1.84 (72.5)

CHASSIS MASS kg (lb) —*includes standard chassis, tyres, oils, water and fuel (estimate).*

Front	Rear	Total
4140 (9108)	4030 (8860)	8170 (17974)

In order that product improvements may be introduced at any time, specifications are subject to change without notice. Illustrations may include optional equipment. Approval for ratings for off-highway application must be obtained from International Harvester Company of N.Z. Ltd.

Sold and Serviced by

INTERNATIONAL HARVESTER

INTERNATIONAL HARVESTER COMPANY OF N.Z. LTD

Auckland • Hamilton • Rotorua • Wellington • Christchurch • Dunedin • Dealers throughout New Zealand. M.V.D.I.

NZ 9M July 1979