

P512 LC

**Pacific  
TRUCK**

**P-520**



**20 TONNE S.E. ASIAN  
LONG CHASSIS LOGGING TRUCK**

**300 H.P. 6 X 6  
RIGHT HAND DRIVE**

**PERFORMANCE**

PAYLOAD CAPACITY : 20.8 TONNES  
 TOTAL GEAR REDUCTION : 111.5 TO 1  
 MAXIMUM LOADED SPEED : 64 KM/H  
 TRACTOR TURNING RADIUS : 14.6 M  
 GRADE ABILITY WITH FULL LOAD TO 5% ROLLING RESISTANCE

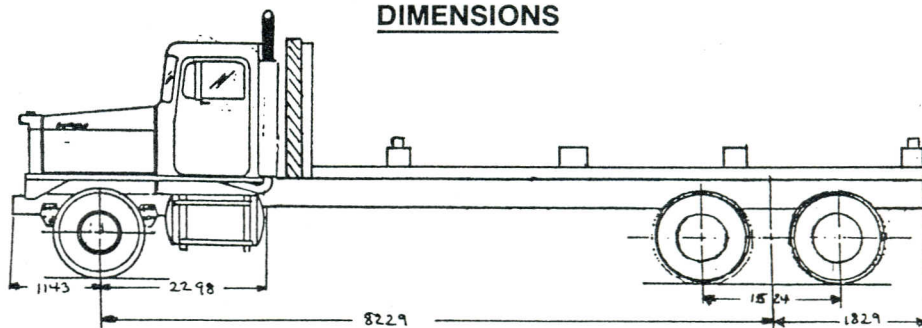
1ST CRAWLER GEAR	64.6%	1ST MID RANGE GEAR	39.7%	1ST HIGH GEAR	7.5%
2ND CRAWLER GEAR	48.3%	2ST MID RANGE GEAR	29.22%	2ND HIGH GEAR	4.6%
3RD CRAWLER GEAR	36.2%	3RD MID RANGE GEAR	21.41%	2RD HIGH GEAR	2.4%
4TH CRAWLER GEAR	26.7%	4TH MID RANGE GEAR	15.4%	4TH HIGH GEAR	0.7%
5TH CRAWLER GEAR	19.9%	5TH MID RANGE GEAR	10.9%	5TH HIGH GEAR	-0.6%

**WEIGHT DISTRIBUTION**

CAPACITY FRONT AXLE	8,165 Kg	(18,000 lbs)	TRACTOR WEIGHT FRONT	6,835 Kg	(15,069 lbs)
CAPACITY REAR AXLE	27,215 Kg	(60,000 lbs)	TRACTOR WEIGHT REAR	77,284 Kg	(17,037 lbs)
G.C.W.	35,380 Kg	(78,000 lbs)	WEIGHT	14,563 Kg	(32,106 lbs)

PAYLOAD CAPACITY 20,817 Kg (45,894 lbs)

**DIMENSIONS**



# P-520

## S.E. ASIAN LOGGING SPECIFICATIONS

### ENGINE COMPARTMENT

Engine	: 3306B turbocharged after cooled
Rated H.P.	: 300 H.P. (224 kw) @ 2000 RPM
Max. Torque	: 1050 lb. ft. (1424 N M) @ 1350 RPM
Air Cleaner	: Single cyclopac 16 in.
Engine Brake	: Jacobs brake with on/off switch
Radiator	: 1408 sq. in. "ultrafuse" core All steel construction tanks

### DRIVE TRAIN

Clutch	: Spicer — 14 in. two plate Organic disc
Transmission	: Fuller RT014715 15 speed OIL Cooler
Transfer Case	: Dana TC738
Drive Lines	: 1710 series w/glidecoat splines

### AXLES

Front Axle	: Rockwell FDS 1807 Drive Axle 18000 lbs (8165 kg) capacity
Rear Axle	: Clark BD50-60 60,000 lbs (27,216 kg) capacity Ratio : 9.14 : 1 Planetary hub reduction Differential lock on FWD axle
Suspension	: Front — 15 leaf shackled style Rear — 1 in. x 5 in. 10 leaf spring pack — All steel with 6-torque rods — Carbarized bushings

### WHEELS/TYRES

Spoke Wheels	: 8.5 x 20 rims & spare
Lug Tyres	: 12.00 x 20 18 ply & spare

### CONVENTIONAL CAB

Cab	: 14 GA steel welded construction 1/8 in steel tube floor and door frame H.D. steel cab mount
Hood	: 12 GA steel with center hinge steel removable side panels
Fenders	: 12 GA steel walk on style removable for engine access

### FRAME

Double Rails	: 12" x 4" x 3/8" high tensile steel
Section Modulus	: 41.4, cubic inches
R.B.M.	: 4,553,560 in. lb.

### CONTROL SYSTEMS

Power Steering	: Dual Sheppard gear M392
Brake System	: Dual circuit for safety
Park Brake	: Anchorlok 30 Both rear axles

### DRIVER'S AREA

Air ride drivers seat, safety glass, tilt steering wheel, speedometer, tachometer, ammeter, oil pressure, air pressure, fuel, water temperature gauges.

### MISCELLANEOUS

300 litre steel fuel tank, high mounted  
12 volt electrical system  
2 x batteries 204 amp/hour  
12 C.F.M. air compressor

### LONG CHASSIS EQUIPMENT

Cab Guard  
4 steel Bunks — 2 with choks  
Water cooled brake system



# Pacific TRUCK

**AND TRAILER LTD.**  
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