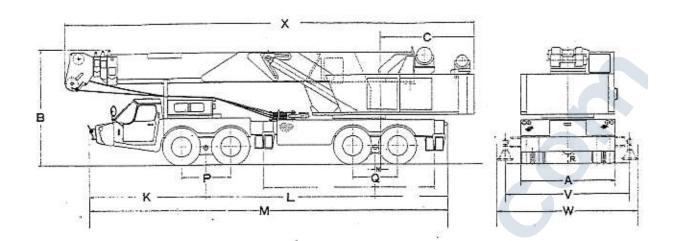
# P&HT350

FAR EAST

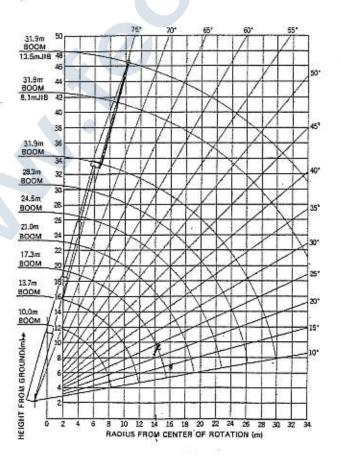




### **GENERAL DIMENSIONS**

A. Overall width 9'-2%"	(2.81 m)
B. Overall height11.5%"	(3.50  m)
C. Tail swing11'-3%"	(3.45  m)
K. Center of front bogie	
to front of carrier11'-3%"	(3.45  m)
L. Center of front bogie	
to center of rear bogie (wheel base) 16'-4%"	(5.00  m)
M. Overall length of carrier34'-5\\\4"	(10.51 m)
N. Center of rear bogie	
to center of rotation 1/674"	(0.48m)

P.	Distance between axles (front)	4'-91/4"	(1.45 m)	
	Distance between axles (rear)	- 17		1
R.	Ground clearance	0'-1116"	(0.28  m)	
٧.	Effective length of outriggers1	7'-11"	(5.46 m)	
w.	Overall length of outriggers	9'-9"	(6.02 m)	
X.	Overall length in travelling condition4	0'.414" (	12.30 m)	
	Working weight	2,500 lbs	s	
			2,000 kg)	





## BASIC MACHINE

#### UPPER MACHINERY AND HYDRAULIC EQUIPMENT

#### POWER PLANT:

Diesel: Mitsubishi 6DB10CT turbo charged, 4 cycle, 6 cylinders.

THROTTLE: Twist grip on swing lever.

PUMP DRIVE ASSEMBLY: 3 station power transmission.

HYDRAULIC PUMPS: 3 double vane type pumps for 5 independent hydraulic circuits.

For main winch circuit, one pump boosts to the other pump for speeding up.

FUEL TANK CAPACITY: ......92.5 Gollons (350 €)

HYD. OIL TANK CAPACITY: .....280 Gallons (1,060 ℓ)

SWING UNIT: Hydraulic motor, driving through

deck mounted gear reducer, 360° continuous rotation ......2.5 rpm

SWING BRAKE: Disc type mounted on swing reduction unit, manually controlled.

SLEWING RING: Double row roller bearing swing circle—internal spur swing gear—integral.

CAB: Compact full vision operators' cab is fully enclosed for working in all weather, 6 operating control levers, brake pedals for main and auxiliary winches and acceleration pedals are conveniently arranged for the operator's comfort and efficiency.

**EQUIPMENT:** Tachometer, hourmeter, hydraulic oil temperature gauge, engine gauge, fuel gauge, oil pressure gauge, ammeter and water temperature gauge.

# CARRIER



POWER PLANT: Mitsubishi 8DC20W diesel engine, 4 cycle, V-8 cylinders.

Max. horse power .......250 hp/2,200 rpm Max. torque .......644 ft-lbs (89 kg-m)/1,200 rpm

FUEL TANK :......53 Gallons (200 &)

CLUTCH: Single dry disc.

TRANSMISSION: 5 speed forward, 1 reverse.

AUX. TRANSMISSION: 2 speed.

#### BRAKE:

SERVICE—Air actuated internal expanding brakes on all eight wheels with Maxi safety brakes on rear

PARKING-Mechanical disc type on propeller shaft.

#### AXLE :

FRONT-Mitsubishi.

REAR —Mitsubishi planetary axle.

Single reduction at axle center and plane-

tary drive at wheel hub to four sets of dual wheels.

#### SUSPENSION:

FRONT—Alloy steel semi-elliptic laminated type springs.

REAR —Solid bogie mounted with torque rods.

STEERING: Ball and nut type with power booster.

FRAME: Box section frame members of high tensile steel between outrigger housings. Heavy reinforced channel ahead of front outriggers.

TIRES: Twelve 12:00×20—18 P.R.

CAB: Full vision, two seat low sylhouetle type, right hand drive.

OUTRIGGERS: Manual valve controlled P&H type hydraulic outriggers.

Carrier engine PTO drives hydraulic pump for outriggers only.

8 double acting hydraulic cylinders for independent horizontal and vertical motion of each beam .....standard



OUTRIGGER HOUSINGS: Two independent housings, front and rear, pin connected and removable, .....standard

OUTRIGGER BEAMS: High tensile steel box, full length reinforced, jack screw at beam ends.

LIGHT: Dual head lights, tail lights, stop lights, directional signal lights front and rear, licence plate lights, cab inside light, 24 volt electrical system.

**EQUIPMENT:** Front bumper, full fenders, skirts, running boards, hood, frame decking, bostrom seat, 2×12 volt batteries, horn, rear view mirror, air tank with hose extension and tire inflating valve, illuminated instrument panel with speedometer, amme-

ter, air pressure gauge, fuel gauge, oil pressure gauge, water temperature indicator, low pressure indicator light, tachometer, towing hooks in front, air brake valve, tools and accessories.

off highway\*\*.....3.7~16.2 mph.....25.0~2.7% (5.9~25.9 km/h)

\*Auxiliary transmission in high range.

\*\*Auxiliary transmission in low range.

Min. turning radius......30'-8" (12 m)

#### CRANE ATTACHMENT

BOOM: All welded high tensile steel plate box type construction in 4 sectionsboom base section and
3 telescopic sections.
Three telescopic boom sections can be extended and retracted simultaneously.
Length fully retracted32'-10" (10.0 m)
Length fully extended104'-8" (31.9 m) Telescoping speed
Retract180 sec.
Extend180 sec.
Four boom point sheaves
with roller bearingsstandard

with roller bearings.....standard HOOK BLOCK: 35 metric ton, 3 sheaves with swivel

hook and safety latch.....standard

JIB BOOM: All welded high tensile steel plate box

construction in two sections.

Effective length......26'-8"~44'-4"......optional (8.1 m~13.5 m)

JIB HOOK: 4.0 metric ton for single jib line

.....optional

#### HYDRAULIC CYLINDERS:

2—double acting hydraulic cylinders for boom hoist.

3—double acting hydraulic cylinders for boom telescoping.

Each cylinders equipped with integral safety holding valve.

MAIN WINCH: Mounted at foot of boom base section.

Independent hydraulic winch

with free fall.....standard Motor driven, power up and down, planetary gear

with integral automatic brake.

Max, cable capacity......540 ft. (164.7 m)

Hoist line speed (at 4th layer of drum)

AUXILIARY WINCH: Independent hydraulic winch with free fall.

Motor driven, power up and down, planetary gear with integral automatic brake.

Max. cable capacity ......650ft (198.3 m)

Aux, hoist line speed

#### AXLE LOAD:

With jib, and counterweight

Without counterweight

Front axle......32,600 lbs (14,800 kg)
Rear axle .....53,300 lbs (24,200 kg)

Total ......85,900 lbs (39,000 kg)

Without counterweight and outrigger housings Front axle......31,300 lbs (14,210 kg) Rear axle ......44,400 lbs (20,160 kg)

Total ......75,700 lbs (34,370 kg)

SAFETY DEVICES: Boom angle indicator, over hoist alarm bell, relief valves to prevent over-pressure to hydraulic circuits, safety holding valves for boom hoist and telescope cylinders, spring set fail-safe automatic brake locks for main and auxiliary drums and manual controlled hydraulic actuated swing lock.



# **DATED LIFTING CAPACITIES**

# 35t P&H

2.5 4.55 BUILD	Total Consider	Over re	dr&side	The state of the s		
Working radius	With quariogers 2 quariogers					
- (m)	10.5m Boom	1 Z 7m Boom	24.9m Boom	32.0m 800m	10 5m Boom	
3.0	35.00	23.50		1	8.00	
4.0	30.00	23.50	-		5.10	
4.5	27.60	23.50	15,00		4.20	
5.0 **	25.20	21.80	15.00		3.40	
6.0	21.60	18.90	15.00	10.00	2.30	
6:5	18.40	17.70	15:00	10.00	1.90	
6.8	17.00	17.00	14,60	10.00	1.75	
7.0	16.20	16.20	14.30	10:00	1.60	
8,0	13.15	13.25	12.80	10.00	1.00	
8.1	12.90	13.00	12.65	10.00		
8.2	11.55	11.65	11.85	9.40		
9.0	11.00	11.10	11.25	9.15		
10.0	10	9.35	9.50	8.30	1977	
11.0		7.90	8.05	2.60e		
_12.0		6.75	6.95	6.95		
13.0		5.80	6.00	6.00		
14.0		5,00	5.20	5.20		
16.0	- 27	3.85	3.95	4.00		
718.0		XX	3.00	3.10		
20.0			2.20	2.40		
22.0			1.70	1.85		
23.0			1.50	1.60		
24.0		565-55		1.35		
26.0	***************************************	-940.0000		0.95	-	
28:0 29.0				0.00	4	
29.0				0.45		

(in metric ton)

Rated lifting capacities of rooster sheave is equal to that of the main boom and the limit is 4,000kg. When the lifting equipments, etc., are fixed to the main boom, the weight of them as well as the weight of the rooster sheave's lifting equipments, shall be subtracted from the rated lifting capacity. lifting capacity.

king radios	ALCOHOL: NESCO	With Outring	ers Over from	<b>建筑型的效果</b>
1400	10.5m Boom	=17,7m	24.9 m 800m	32m29
3.0	20.00	13,00		September 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
4,0	16.77	13,00		
45.0	15.26	13.00	8.00	
5.0	13.85	11.92	8.00	
6.0	11.58	10.10	8.00	5.00
6.5	9.56	9.34	8.00	5.00
5.8	8.77	8.92	7.55	5.00
7.0	8.31	8.47	7.36	5.00
8.0	6.44	6.61	6,49	5.00
8.2	6.14	6.33	6.32	5.00
9.0	5.18	5.35	5.57	4.43
10.0		4.31	4.54	4.02
11.0		3.45	3.63	3.65
12,0		2.75	2.92	3.02
13.0		2.14	2.35	2.40
14.00		1.62	1,85	1.93
15.0		1.26	1.42	1,52
16,0		0.95	1.05	1.19
2 17:0			0.74	0.88.
18.0			0.48	0.62

(in metric ton)

	Sealing acres	- Swifter	surgiggers -	22
友情的	<b>数据发热</b>	32m boor	n + 8.9m jib	11-1-1
Boom angle	off dib	THE PARTY OF THE P	CONTRACTOR OF THE PARTY OF THE	
	Working readle≱⊅ (m)		Working Parking (m)	
80°	9.0	4,00	12.0	2.00
75.8°	2 5 P. B.	4.00	14.9	2.00
742	13.0	3.70	16.1	2.00
- 71.35	14.8	3,26	17.8	2.00
68	17.0	2.85	19.8	1.84
66*****	184	2:63	21.0	1.74
64	4.019.2	2:44	22.1	1.66
61.9	Street 24.0	2,30	23.3	1,57
600	6 222.0	2,00	24.4	1.51
58	28.2 1	1.73	25.5	1.45
56	24/3	1.48	26.5	1.25
14 a 6	EF 250	1.28	27 F	1.06
5.527	P.09	1.08	28.4	0.89
50 777	223	0.91	29.2	0.75
<b>分的特点</b>	28.8	0.66	30.4	0,53
44.2	30.5	0.35	31.5	0.38
4330	1965 A-15		32.0	0.30

(in metric ton)

他。这是特殊任何中非200	With c	utriggers			
		+14.8m jib	1		
Boom angle Jib of	Jibroffser 5		Jib offset 30°		
Working Lindius Indi		Working Tadius (ml			
100 C 100 C	2:70:	16.0:	1.20		
179 T 1 1 1 1 1 1 2 0	2,70	79-17.3	1.20		
1 74° 12 31 113 114	2.46	18.2	1.20		
15 TO 15 THE TAIL	2.23	+19.6	1.20		
年1 <b>22</b> 2000年1月16日日	2:01	21.7	1,20		
17,00° - 25.7 - 148,6 -	1.82	1.23.4	1.13		
66 217	1.55	26.1	1.01		
628 - 14 - 24.5	1.34	28.6	0,97		
27.1	1.15	31.0	0.94		
56 28.4	1.08	32.0	0.93		
54.7 29,5	1.03	33.0	0.79		
52 30,8	0.82	34,1	0.64		
50°20° - 15° 32'0	0.67	35.0	0.52		
472 7 5 4335	0.46	1.36.0	0.38		
46:T	0.40	Section Co.			

(in metric ton)

#### NOTE:

- The rated lifting capacities of front lifting are less than the rear and side lifting capacities. Since there is a possibility to cause an overload, be careful when to slew the crane from the side lift to the front lift.
   The jib and rooster sheave work, and not fully extended outrigger operation shall not be performed in the front area.

