



HYDRAULIC TRUCK CRANE

MODEL : PHC350S-III

TECHNICAL SPECIFICATIONS

POWERPLUS
POWERPLUS GROUP INC., USA

MAIN SPECIFICATIONS

- Max Rated Lifting Capacity: (kg) 35000
- Overall Length: (m) 13
- Overall Width: (m) 2.50
- Overall Height: (m) 3.35
- Boom Length: (m) 10.4~32
- Boom Angle: (°) -2~80
- Jib Length: (m) 8
- Outrigger span (longitudinal): (m) 5.33
- Outrigger span (transverse): (m) 6.11
- Max. Lifting Moment (min boom length): (KN.m) 1157
- Max. Lifting Moment (max boom length): (KN.m) 459
- Max. Lifting Height (Boom): (m) 32.5
- Max. Lifting Height (Jib): (m) 40
- Max. Speed (Single Wire): (m/min) 113
- Boom Extending Time: (sec) 140
- Boom Elevating time: (sec) 86
- Slewing speed: (rpm) 0~2.5
- Max. Traveling Speed: (km/h) 75
- Max. Gradeability: (%) 30
- Min. Turning radius: (m) 12
- Min. Clearance: (mm) 240
- Approach Angle: (°) 24
- Departure Angle: (°) 14
- Self Weight in Travelling condition: (kg) 35500
- Front Axle Load: (kg) 12500
- Rear Axle Load: (kg) 22500

ENGINE

- Model: STEYR WP 10.336/CUMMINS 6LTA8.9-C325
- Max. Horsepower: (HP) 336 / 325



RATED LIFTING CAPACITY

Boom (m)	Working Side or Back (Outrigger Extended)					Elevation Angle of Boom (°)	Boom 33.8m			
	10.8	16.55	22.3	28.05	33.8		Jib 8.5m		Jib 15m	
	Load Capacity (kg)	Load Capacity (kg)	Load Capacity (kg)	Load Capacity (kg)	Load Capacity (kg)		5°	30°	5°	30°
3.2	35000	24000					Load Capacity (kg)			
3.5	34000	24000				80	3500	2400	1800	880
4.0	30000	24000	20000			78	3500	2300	1660	850
4.5	27000	24000	20000			76	3500	2200	1520	820
5.0	24000	21500	18800	12000		74	3500	2150	1400	800
5.5	22000	20000	17400	12000		72	3300	2100	1300	770
6.0	19500	18600	16200	12000	9500	70	3100	2000	1230	750
6.5	17000	17100	15000	11200	9500	68	2900	1950	1110	730
7.0	14800	15500	13800	10000	9500	66	2600	1900	1100	700
7.5	13000	13500	12200	9500	9000	64	2300	1850	1040	690
8.0	11700	12300	11500	9000	8500	62	2000	1800	1000	680
9.0	9400	10100	10300	8000	7500	60	1700	1500	950	670
10		8400	8700	7200	6700	58	1500	1300	900	660
11		7000	7200	6500	6000	56	1300	1150	880	650
12		5900	6100	6000	5500	54	1100	1000	840	640
13		4900	5100	5300	5000	52	960	870	700	600
14		4200	4400	4600	4600	50	800	750	580	500
15		3500	3800	4000	4200	48	550	500	330	280
16			3200	3400	3600					
18			2400	2600	2800					
20			1800	2000	2200					
22				1600	1700					
24				1200	1260					
26				850	900					
28					600					
30					400					

LIFTING HEIGHT CURVE DIAGRAM

