



HYDRAULIC TRUCK CRANE

MODEL : PHC300S-III

TECHNICAL SPECIFICATIONS

POWERPLUS
POWERPLUS GROUP INC., USA

MAIN SPECIFICATIONS

- Max Rated Lifting Capacity: (kg) 30000
- Overall Length: (m) 12.93
- Overall Width: (m) 2.50
- Overall Height: (m) 3.45
- Boom Length: (m) 10.2~32
- Boom Angle: (°) -2~80
- Jib Length: (m) 8.0
- Outrigger span (longitudinal): (m) 5.31
- Outrigger span (transverse): (m) 5.9
- Max. Lifting Moment (min boom length): (KN.m) 1000
- Max. Lifting Moment (max boom length): (KN.m) 600
- Max. Lifting Height (Boom): (m) 31.8
- Max. Lifting Height (Jib): (m) 40
- Max. Speed (Single Wire): (m/min) 100
- Boom Extending Time: (sec) 110
- Boom Elevating time: (sec) 70
- Slewing speed: (rpm) 0~2
- Max. Traveling Speed: (km/h) 75
- Max. Gradeability: (%) 24
- Min. Turning Radius: (m) 10.5
- Min. Clearance: (mm) 240
- Approach Angle: (°) 17
- Departure Angle: (°) 11
- Self Weight in Travelling condition: (kg) 30400
- Front Axle Load: (kg) 7400
- Rear Axle Load: (kg) 23000

ENGINE

- Model: STEYR WP10.270N
- Max. Horsepower: (HP/rpm) 270@2200
- Max. Torque: (N.m/rpm) 1100@1200~1600



RATED LIFTING CAPACITY

Working Side or Back (Outrigger Extended)									
Boom(m)	10.2	15.7	21.1	26.6	32	32	Elevatio	Boom 33.8m + Jib 8m	
Ratio	8	6	4	4	2	1	n	5°	30°
Working Radius (m)	Load Capacity (kg)	Load Capacity (kg)	Load Capacity (kg)	Load Capacity (kg)	Load Capacity (kg)	Load Capacity (kg)	Angle of Boom (°)	Load Capacity (kg)	
	3.0	30000							78
3.5	28500	20000					76	2200	1200
4.0	25000	18000	16000				74	1900	1100
4.5	21500	16500	14800	10500			72	1600	1000
5.0	18000	14600	12500	10500			70	1400	900
5.5	17000	14000	11500	9500			68	1200	800
6.0	15500	13000	10500	9000	6500	3000	66	1100	700
6.5	13500	12500	9500	8500	6500	3000	64	1000	600
7.0	12000	12200	9000	8000	6500	3000	62	900	500
8.0	9500	9700	8000	7500	6000	3000	60	800	400
9.0	7500	7800	7500	7000	5500	3000	58	700	300
10.0		6500	6500	6000	5000	3000	56	600	
12.0		4700	4700	5000	4300	3000	54	500	
14.0			3600	3750	3700	3000	52	400	
16.0			2800	2800	3000	2800	50	300	
18.0			2300	2300	2500	2500			
20.0				1800	1900	1900			
22.0				1400	1500	1500			
24.0					1200	1200			

LIFTING HEIGHT CURVE DIAGRAM

