



# HYDRAULIC TRUCK CRANE

MODEL : PHC600S-III

## TECHNICAL SPECIFICATIONS

**POWERPLUS**  
POWERPLUS GROUP INC., USA

### MAIN SPECIFICATIONS

- Max Rated Lifting Capacity: (kg) 60000
- Overall Length: (m) 13.580
- Overall Width: (m) 2.75
- Overall Height: (m) 3.70
- Boom Length: (m) 11~40.2
- Boom Angle: (°) -2~80
- Jib Length: (m) 9+6
- Outrigger span (longitudinal): (m) 5.5
- Outrigger span (transverse): (m) 6.6
- Max. Lifting Moment (min boom length): (KN.m) 1575
- Max. Lifting Moment (max boom length): (KN.m) 660
- Max. Lifting Height (Boom): (m) 40
- Max. Lifting Height (Jib): (m) 54
- Max. Speed (Single Wire): (m/min) 100
- Boom Extending Time: (sec) 160
- Boom Elevating time: (sec) 95
- Slewing speed: (rpm) 0~2
- Max. Traveling Speed: (km/h) 70
- Max. Gradeability: (%) 30
- Min. Turning radius: (m) 12
- Min. Clearance: (mm) 300
- Approach Angle: (°) 17.5
- Departure Angle: (°) 12.5
- Self Weight in Travelling condition: (kg) 43500
- Front Axle Load: (kg) 15000
- Rear Axle Load: (kg) 26750

### ENGINE

- Model: STEYR WP10.375
- Max. Horsepower: (HP/rpm) 375@2200
- Max. Torque: (N.m/rpm) 1460@1200~1600



### RATED LIFTING CAPACITY

Boom (m)	Working Side or Back (Outrigger Extended)										Elevation Angle of Boom (°)	Boom 40.2m			
	11		18.3		25.6		32.9		40.2			Jib 9m		Jib 15m	
	Load Capacity (kg)	Lifting Height (m)	Load Capacity (kg)	Lifting Height (m)	Load Capacity (kg)	Lifting Height (m)	Load Capacity (kg)	Lifting Height (m)	Load Capacity (kg)	Lifting Height (m)		Load Capacity (kg)	Lifting Height (m)	Load Capacity (kg)	Lifting Height (m)
3.0	60000	11.1									80.5	3600	2000	2400	1000
3.5	52000	10.9									78	3500	1920	2150	1000
4.0	46000	10.6	30000	18.6							76	3200	1850	1950	1000
4.5	42000	10.3	28000	18.4							74	2900	1770	1800	1000
5.0	37000	10.0	26000	18.2	19500	25.8					72	2600	1680	1700	900
5.5	30000	9.6	24000	18	18500	25.6					70	2400	1600	1550	850
6.0	28000	9.1	22000	17.8	17500	25.4	12000	33			68	2200	1500	1350	800
6.5	25000	8.5	21000	17.6	17000	25.2	12000	32.8			66	2000	1400	1250	750
7.0	22000	8.0	19000	17.4	16000	25	11500	32.7			64	1800	1250	1050	700
8.0	17500	6.5	16000	16.8	15000	24.7	11000	32.4	8500	40	62	1500	1140	950	600
9.0	13200	3.8	12500	16.1	13000	24.4	10000	32.1	8000	39.8	60	1300	1000	800	
10.0			10500	15.4	11200	23.9	9000	31.7	7000	39.6	58	1100	850	700	
11.0			8500	14.3	9000	23.4	8500	31.3	6600	39.2	56	1000	700	600	
12.0			7500	13.4	8000	22.8	7500	30.9	6000	38.8	54	700	550	500	
14.0			5300	11	6000	21.4	6000	29.9	5000	38.1	52	450			
16.0			3800	6.5	4500	19.8	4400	28.8	4200	37.2	50				
18.0					3300	17.7	3600	27.4	3200	36.1					
20.0					2500	15	2600	25.8	3000	35					
22.0					1800	11.3	2000	23.9	2400	33.6					
24.0							1400	21.8	2000	32					
26.0									1500	30.3					
28.0									1200	28.3					

### LIFTING HEIGHT CURVE DIAGRAM

