



# HYDRAULIC TRUCK CRANE

MODEL : PHC200S-II

## TECHNICAL SPECIFICATIONS

**POWERPLUS**  
POWERPLUS GROUP INC., USA

### MAIN SPECIFICATIONS

- Max Rated Lifting Capacity: (kg) 20000
- Overall Length: (m) 12.30
- Overall Width: (m) 2.494
- Overall Height: (m) 3.475
- Boom Length: (m) 10.2~31.5
- Boom Angle: (°) -2~80
- Jib Length: (m) 8.0
- Outrigger span (longitudinal): (m) 4.90
- Outrigger span (transverse): (m) 5.60
- Max. Lifting Moment (min boom length): (KN.m) 850
- Max. Lifting Moment (max boom length): (KN.m) 439
- Max. Lifting Height (Boom): (m) 31.5
- Max. Lifting Height (Jib): (m) 39.5
- Max. Speed (Single Wire): (m/min) 120
- Boom Extending Time: (sec) 60
- Boom Elevating time: (sec) 50
- Slewing speed: (rpm) 0~2.5
- Max. Traveling Speed: (km/h) 75
- Max. Gradeability: (%) 26
- Min. Turning radius: (m) 11
- Min. Clearance: (mm) 270
- Approach Angle: (°) 16
- Departure Angle: (°) 11
- Self Weight in Travelling condition: (kg) 26500
- Front Axle Load: (kg) 6928
- Rear Axle Load: (kg) 19332

### ENGINE

- Model: DEUTZ WP 6.240
- Max. Horsepower: (HP/rpm) 240@2500
- Max. Torque: (N.m/rpm) 800@1300~1600



### RATED LIFTING CAPACITY

Boom (m)	Working Side or Back (Outrigger Extended)								Elevation Angle of Boom (°)	Boom 31.5m + Jib 8m	
	10.2	14.5	18.7	23	27.2	31.5	31.5	1		Jib Angle 5°	Jib Angle 30°
	Load Capacity kg	Load Capacity kg	Load Capacity kg	Load Capacity kg	Load Capacity kg	Load Capacity kg	Load Capacity kg	Load Capacity kg		Load Capacity kg	Load Capacity kg
3	20000								80	3000	1500
3.5	20000	14000							78	2850	1500
4.0	19000	14000	12000						76	2750	1450
4.5	18500	14000	12000	10000					74	2650	1400
5.0	17000	14000	12000	9500	8000				72	2550	1350
5.5	15000	13500	12000	9500	7500				70	2450	1300
6.0	13000	12700	11500	9500	7500	7000	3000		68	2250	1250
6.5	11500	11900	11000	9000	7500	6200	3000		66	2150	1200
7.0	10000	10500	10500	8500	7000	6000	3000		64	1950	1150
8.0	8000	8300	8500	7500	6500	5500	3000		62	1850	1100
9.0		6800	7000	7000	6000	5000	3000		60	1700	1050
10.0		5600	5700	5800	5500	4500	3000		58	1600	1000
11.0		4500	4700	4900	5000	4100	3000		56	1450	950
12.0		3700	4000	4100	4200	3800	3000		54	1250	900
14.0			3000	3100	3200	3200	2800		52	1100	850
16.0			2200	2300	2400	2500	2500		50	950	700
18.0				1700	1800	1900	1900				
20.0					1400	1500	1500				
22.0					950	1050	1050				
24.0						800	800				

### LIFTING HEIGHT CURVE DIAGRAM

