



## ROUGH TERRAIN CRANE



## ROUGH TERRAIN CRANE TECHNICAL SPECIFICATIONS

MODEL		PRTC250S-III	PRTC350S-III	PRTC550S-III	PRTC700S-III	PRTC1000S-III
Maximum Total Rated Lifting Load	kg	25000	35000	55000	70000	100000
Overall Length	mm	11750	12600	12820	13085	14955
Overall Width	mm	2980	3060	3400	3380	33100
Overall Height	mm	3600	3760	3800	3870	3890
Wheelbase	mm	3600	3950	4650	4650	4650
Tread	mm	2500	2500	2652	2520	2520
Weight	kg	27700	29000	43000	48800	49100
Minimum Ground Clearance	mm	400	400	483	480	530
<b>ENGINE</b>						
Model		CUMMINS ISDe 230 30	CUMMINS ISDe 230 30	CUMMINS ISDe 270 30	CUMMINS ISDe 270 30	CUMMINS ISLE310 30
Rated Power	HP	230	230	270	270	310
Rated Speed	rpm	2200	2200	2500	2500	2100
Emission		Euro III				
<b>TRANSMISSION</b>						
Transmission Type		Electrical controlled shifting				
No. of Gears		4 Forward, 3 Reverse				
Drive Axle		4 Wheel Drive				
<b>AXLE</b>						
Brand		Kessler (Germany)				
Front Axle Weight	kg	12880	15200	20710	22560	23100
Rear Axle Weight	kg	13720	13780	22290	26240	26000
<b>BRAKE SYSTEM</b>						
Brand		Mico (USA)				
Service Brake		Hydraulic disc brake				
Parking Brake		Hydraulic disc brake				
<b>WORKING RANGE</b>						
Base Boom Length	m	9.18	10	9.6	10.23	12
Fully Extended Boom Length	m	27.78	31	35	37	46
Fully Extended Boom Length + Jib	m	35.1	38.3	50	53	46+18.5
Base Boom Lifting Height	m	9.6	10.3	10.3	10.7	12.5
Fully Extended Boom Lifting Height	m	27.9	30.8	35	37	45
Fully Extended Boom+Jib Lifting Height	m	35.1	39	50	52.6	62
Outrigger Span (Longitudinal)	m	6.08	6.4	7.7	7.7	7.75
Outrigger Span (Lateral)	m	6.5	6.5	7.6	7.6	7.6
<b>WORKING SPEED</b>						
Luffing Time (Hoist Boom)	sec	75	75	85	85	85
Luffing Time (Lower Boom)	sec	75	75	85	85	85
Telescoping Time (Extension)	sec	80	80	120	125	125
Telescoping Time (Retraction)	sec	50	50	95	95	95
Maximum Swing Speed	r/min	2	2	2	2	2
<b>TIRE</b>						
Front/Rear Tire Size		20.00-25-24PR	20.00-25-24PR	26.5-25-28PR	26.5-25-28PR	29.5-25-28PR
<b>TRAVEL</b>						
Maximum Travel Speed	km/h	40	40	40	35	35
Maximum Gradeability	%	55	55	55	50	55
Approach Angle	°	21	21	24.5	19	24
Departure Angle	°	21	20	24.5	20	24

\* Load chart available upon request