

URW500 series

3,030 kg
LIFTING CAPACITY

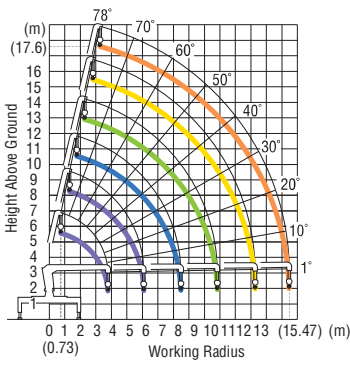
APPROX. **17.6 m**
MAX. HOOK HEIGHT
ABOVE GROUND

**RADIO
REMOTE
CONTROL**



SPECIFICATIONS

CRANE MODEL		URW503	URW504	URW505	URW506
Max lifting capacity		3030kg at 4.1m	3030kg at 4.1m	3030kg at 3.9m	3030kg at 3.9m
Max working radius		8.1m	10.6m	13.12m	15.47m
Max hook height (approx.)	Above ground	10.5m	13.0m	15.1m	17.6m
	Below ground	9.4m with 4-part line	12.5m with 4-part line	15.5m with 4-part line	18.4m with 4-part line
Boom length		Min 3.51m, Max 8.34m	Min 3.57m, Max 10.84m	Min 3.75m, Max 13.35m	Min 3.93m, Max 15.71m
Boom sections		3-section box beam type telescoping boom	4-section box beam type telescoping boom	5-section box beam type telescoping boom	6-section box beam type telescoping boom
Boom raise angle		1° to 78°			
Slewing angle		360° continuous			
Winch	Single line pull	7.35kN {750kgf}			
	Wire rope	Construction: IWRC 6 x WS(26) GRADE B / Diameter x Length: 8mm x 55m / Breaking strength: 42.4kN {4320kgf}	Construction: IWRC 6 x WS(26) GRADE B / Diameter x Length: 8mm x 68m / Breaking strength: 42.4kN {4320kgf}	Construction: IWRC 6 x WS(26) GRADE B / Diameter x Length: 8mm x 81.5m / Breaking strength: 42.4kN {4320kgf}	Construction: IWRC 6 x WS(26) GRADE B / Diameter x Length: 8mm x 91.5m / Breaking strength: 42.4kN {4320kgf}
Outriggers		Vertical jacks, double acting hydraulic cylinders with pilot-operated check valves / Horizontal beams, manual extension type			
		Retracted: 2.19m, Extended: 4.8m, Mid-extended: 3.3m, 4.3m			
Hydraulic pump	Rated pressure	20.6MPa {210kgf}			
Hydraulic oil tank capacity		60L			
Safety devices		Pressure relief valve for hydraulic circuit / Counterbalance valves for boom raising and boom telescoping cylinders / Pilot-operated check valves for vertical outrigger cylinders / Boom angle indicator with load indicator / Hook safety latch / Automatic mechanical brake for winch / Digital load meter / Automatic stop for overwinding / Overwinding alarm / Alarm buzzer / Level / Emergency stop button / Overloading alarm			

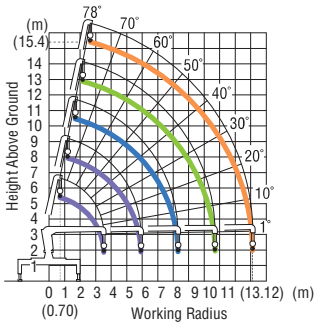


6 Sections Boom

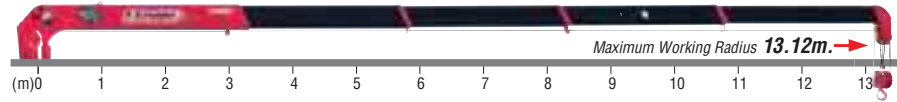


RATED LOAD

Working Radius	0.73 - 3.9	4.5	5.0	5.5	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.47
	3.03	2.43	2.13	1.88	1.63	1.33	1.03 (8.48m)							
		2.03	1.83	1.65	1.48	1.23	1.03	0.88	0.78	0.73 (10.81m)				
			1.33	1.20	1.10	0.95	0.83	0.73	0.65	0.60	0.55	0.50 (13.14m)		
					0.53	0.43	0.38	0.38	0.33	0.33	0.28	0.28	0.25	0.23

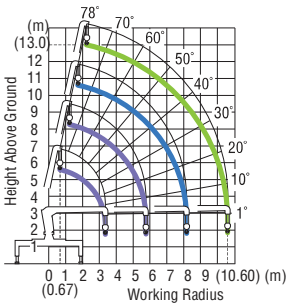


5 Sections Boom

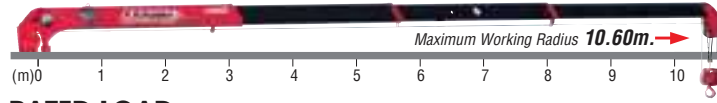


RATED LOAD

Working Radius	0.70 - 3.9	4.5	5.0	5.5	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.12
	3.03	2.43	2.13	1.88	1.65	1.33	1.08 (8.31m)					
		2.03	1.83	1.65	1.48	1.23	1.03	0.88	0.78	0.73 (10.71m)		
			1.33	1.20	1.10	0.95	0.83	0.73	0.65	0.60	0.55	0.50

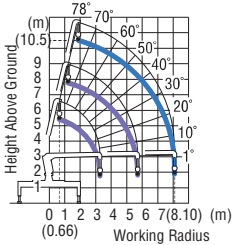


4 Sections Boom

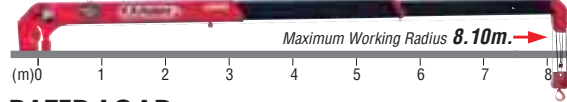


RATED LOAD

Working Radius	0.67 - 4.1	4.5	5.0	5.5	6.0	7.0	8.0	9.0	10.0	10.60
	3.03	2.58	2.28	1.93	1.73	1.40	1.13 (8.18m)			
		2.03	1.83	1.65	1.48	1.23	1.08	0.98	0.85	0.83



3 Sections Boom

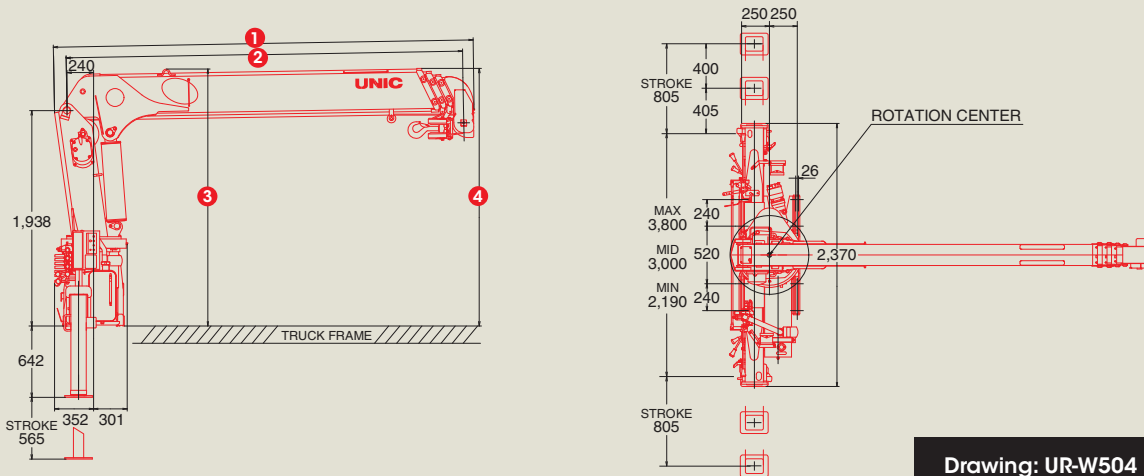


RATED LOAD

Working Radius	0.66 - 4.1	4.5	5.0	5.5	6.0	7.0	8.10
	3.03	2.58	2.28	2.00	1.73	1.43	1.23

CRANE MOUNTING DIMENSIONS

CRANE MODEL	1	2	3	4
UR-W506	4,139	Min. 3,930 ~ Mid. 6,330 ~ 8,720 ~ 11,050 ~ 13,380 ~ Max. 15,710	2,398	2,535
UR-W505	3,959	Min. 3,750 ~ Mid. 6,150 ~ 8,550 ~ 10,950 ~ Max. 13,350	2,359	2,363
UR-W504	3,779	Min. 3,570 ~ Mid. 6,000 ~ 8,420 ~ Max. 10,840	2,312	2,319
UR-W503	3,720	Min. 3,510 ~ Mid. 5,940 ~ Max. 8,340	2,312	2,319



Drawing: UR-W504 (Unit: mm)