

SPIDER CRANE

URW-295C1

BRAND	
UNIC	
MODEL	
URW-295C1	
CRAWLING GEAR	
Lifting capacity	Max. 2.93t at 1.4m
Crawling speed	0~2.0 km/h, forward / reverse
Hill climbing ability	20°
Tread length	1050mm
Ground contact pressure	49.8 kPa {0.51 kgf/cm ² }
Engine manufacturer / model	Kubota / Z482-E3B
Displacement	479cc
Maximum output	7.4kW(10.0PS) / 2600 rpm, Rated output
Fuel	Diesel
Fuel tank capacity	10 liters
Steering	Hydraulic drive independent of left / right
Starter	Starter motor
Winch	
Single line speed	40.0 m/min (at 4th layer)
Hook speed	10.0 m/min (at 4th layer with 4-part line)
Structure	Hydraulic motor driven, spur gear reduction, with automatic mechanical brake
Wire rope	Construction : IWRC 6 x WS(26) GRADE B / Diameter x Length : 8mm x 54.0m / Breaking strength : 42.4kN {4320 kgf}
Hook block	2.90t capacity, 2 sheaves with safety latch

Outriggers	
2-section (with damper) for bend and 3-section extension. Double acting hydraulic cylinders with pilot-operated check valves, direct pushing type (Directly connected with hydraulic automatic lock device)	
Hydraulic Pump	
Type	Variable delivery piston pump
Rated pressure	21.6 MPa {220 kgf/cm ² }
Rated delivery	30 liters/min
Rated revolution	2600 rpm
Hydraulic oil tank capacity	
27 liters	
Working radius	
Min. 0.45m, Max. 8.41m	
Boom	
Length	Min. 2.53m to Max. 8.65m
Extending speed	6.12m / 22.0 sec.
Raising angle / speed	0° to 78° / 12.0 sec.
Structure	5-section box beam type telescoping boom
Slewing	
Range	360° continuous rotation on a ball bearing race
Speed	1.5 rpm
Structure	Trochoid motor, worm gear reduction, spur gear reduction, and worm self-locking brake (supported by ball bearings)

