



UNIC MINI CRAWLE



UNIC mini crawler crane is incredibly compact and useful lifting equipment.



UNIC is Compact

UNIC mini crawler cranes are excellent lifting equipment that quickly, safely and easily meets all of restricted and confined area lifting requirements.



UNIC is Powerful

UNIC mini crawler cranes are powerful lifting tools in confined area where no other lifting equipments could have gone before.



UNIC is Clean

UNIC mini crawler cranes with electric power option are ideal for working indoors where exhaust fumes are strictly restricted. Electric motor cuts down the pollution and noise levels to a minimum.







URW094C

	_		
Max. lifting capacity	0.995t × 1.5m		
Max. working radius	us 5.17m		
Max. hook height	5.6m (Approx.)		
Dimensions	(W) 595mm		
	(H) 1290mm		
	(L) 1870mm		
Mass of crane	1000ka		



URW295C

Max. lifting capacity	2.93t × 1.4m	
Max. working radius	8.41m	
Max. hook height	8.8m (Approx.)	
Dimensions	(W) 600mm	
	(H) 1375mm	
	(L) 2690mm*	
Mass of crane	1850kg*	

Petrol engine model



URW376C

· · · · · ·			
Max. lifting capacity	3.03t × 2.5m		
Max working radius	14.45m		
Max hook height	14.9m (Approx.)		
Dimensions	(W) 1300mm		
	(H) 1805mm		
	(L) 4340mm		
Mass of crane	3870kg		



URW546C

Max. lifting capacity	4.05t × 2.5m
Max. working radius	15.52m
Max. hook height	16.0m (Approx.)
Dimensions	(W) 1380mm
	(H) 2035mm
	(L) 4870mm
Mass of crane	4930ka





URW547C

	_
Max. lifting capacity	4.05t × 2.5m
Max. working radius	17.83m
Max. hook height	18.2m (Approx.)
Dimensions	(W) 1380mm
	(H) 1980mm
	(L) 4950mm
Mass of crane	5070kg



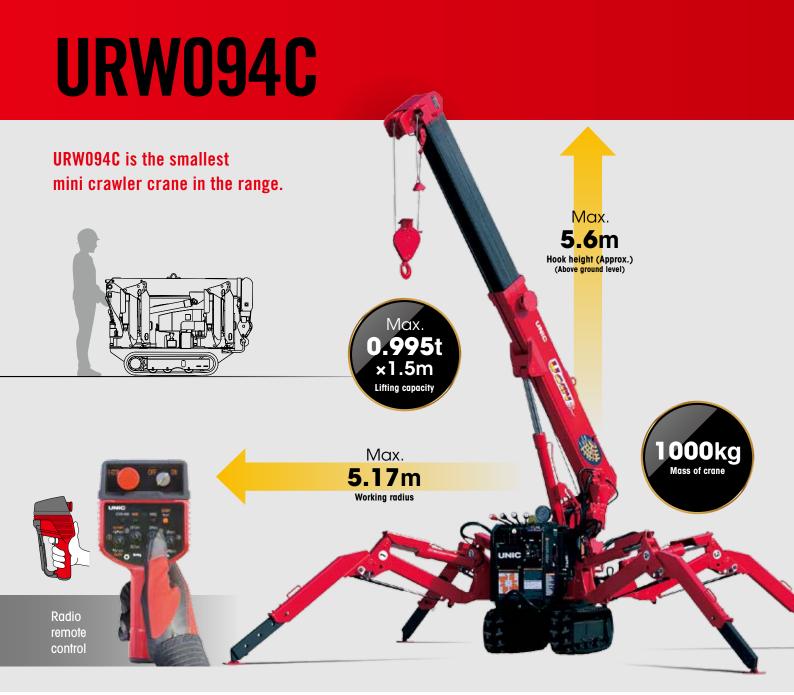
URW706C

	_		
Max. lifting capacity	6.05t × 3.0m		
Max. working radius	18.60m		
Max. hook height	19.5m (Approx.)		
Dimensions	(W) 1670mm		
	(H) 2190mm		
	(L) 5610mm		
Mass of crane	7990kg		



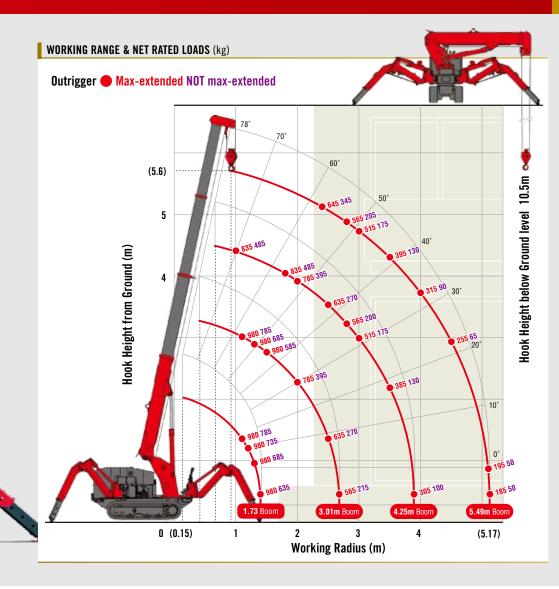
URW1006C

Max. lifting capacity	10.14t × 3.0m
Max. working radius	21.93m
Max. hook height	22.8m (Approx.)
Dimensions	(W) 2000mm
	(H) 2460mm
	(L) 6060mm
Mass of crane	13840kg



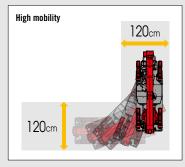
SPECIFICATIONS

31 LUII IUAI IU	110		
Crane model URW094CP2E		URW094CP2E	
Lifting capacity		Max. 0.995t at 1.5m	
Working radius		Min. 0.15m, Max. 5.17m	
Heal, baimble (Amazan)	Above ground level	Mox. 5.6m	
Hook height (Approx.)	Below ground level	Max. 10.5m (with 2-part line)	
	Length	Min. 1.73m to Max. 5.49m	
Boom	Extending speed	3.76m / 17 sec.	
DOUIII	Raising angle / speed	0° to 78° / 6.5 sec.	
	Structure	4-section box beam type telescoping boom	
Single line speed		17 m/min (at 3rd layer)	
Winch	Hook speed	8.5 m/min (at 3rd layer with 2-part line)	
Winch	Wire rope	Construction: 6 x Fi(29) GRADE B / Diameter x Length: 7mm x 27m / Breaking strength: 28.9kN {2950 kgf}	
Hook block		0.98t capacity, single sheave with safety latch	
Slewing Range Speed		360° continuous rotation on a ball bearing race	
		1.5 rpm	
Outriggers		3-steps (with damper) for bend and 4-steps extension. Double acting hydraulic cylinders with double pilot-operated check valves, direct pushing type (Directly connected with hydraulic automatic lock device)	
Hydraulic pump Type Rated pressure		Variable delivery piston pump	
		For crawling: 21.6 MPa (220 kgt/cm²) For crane: 20.6 MPa (210 kgt/cm²)	
Hydraulic oil tank capa	city	17 liters	
Safety devices		Pressure relief valve for hydraulic circuit / Counterbalance valves for boom raising and boom telescoping cylinders / Double pilot-operated check valves for outrigger cylinders / Boom angle indicator with load indicator / Hook safety latch / Automatic stop for overwinding / Overwinding alarm / Automatic stop for leaving minimum wire rope / Emergency stop button (Ignition cut) / Inter-lock device of crane and crawling levers / Level / Load meter / Headlight	

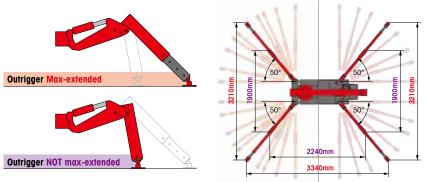








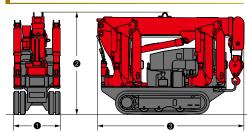
OUTRIGGER POSITIONS



CRAWLING GEAR

Crane model	URW094CP2E			
Crawling speed	0~2.2 km/h, forward / backward			
Hill climbing ability	20°			
Tread length $ imes$ width	900mm × 150mm	900mm × 150mm		
Ground contact pressure	36.3 kPa {0.37 kgt/cm²}			
Engine manufacturer / model	Mitsubishi / GB300LE			
Displacement	296cc			
Maximum output	5.5kW(7.5PS) / 1800 rpm, Rated output			
Fuel	Petrol			
Fuel tank capacity	6 liters			
Steering	Hydraulic drive independent of left / right			

DIMENSIONS

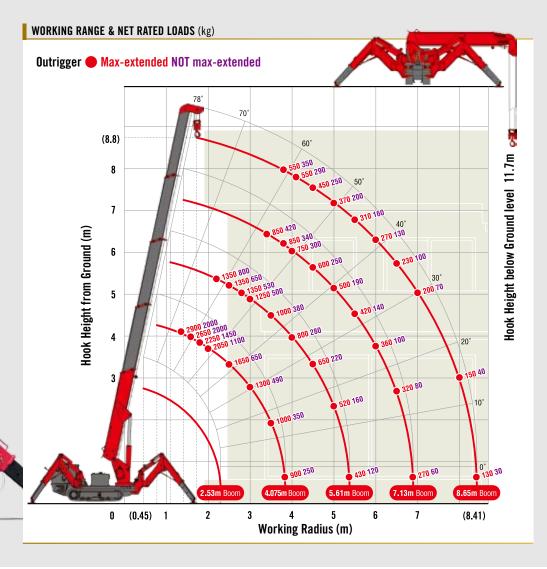


Crane model	URW094CP2E
Total width	595mm
2 Total height	1290mm
3 Total length	1870mm
Mass of crane	1000kg

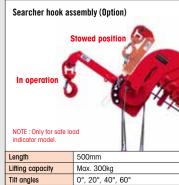


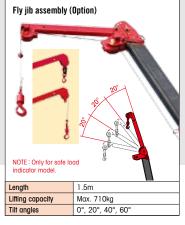
One worded		URW295CP2		URW295C4	
Crane model		A (Standard)	A (Standard) E-1(Safe load indicator)		E-1(Safe load indicator)
Lifting capacity			Max. 2.93t at	1.4m	
Working radius			Min. 0.45m, Max	x. 8.41m	
Hook height (Approx.)	Above ground level		Max. 8.8r	m	
nook lielgili (Applox.)	Below ground level		Max. 11.7m (with	4-part line)	
	Length	Min. 2.53	3m to Max. 8.65m		3m to Max. 8.65m Om to Max. 8.65m
Boom	Extending speed		2m / 20 sec. sec. [60Hz] 6.12m / 28 sec.	6.12m/22 sec. 5.95m/21 sec. [50Hz] 5.95m/33 sec. [60Hz] 5.95m/28 sec.	
	Raising angle / speed		78° / 11 sec. sec. [60Hz] 0° to 78° / 15 sec.		o 78° / 12 sec. sec. [60Hz] 0° to 78° / 15 sec.
	Structure		5-section box beam type to	ue telescoping boom	
	Single line speed		40 m/min (at 4t [50Hz] 22 m/min (at 4th layer) [60		
Winch	Hook speed		10 m/min (at 4th layer v [50Hz] 5.5 m/min (at 4th layer with 4-part line) [60		part line)
	Wire rope	Construction: WRC 6 x WS(26) GRADE B / Diameter x Length: 8mm x 54m / Breaking strength: 42.4kN [4320 kgf]			
	Hook block		2.9t capacity, 2 sheaves	with safety latch	
Slewing	Range		360° continuous rotation on a ball bearing race		
Jiewiiig	Speed		1.5 rpm		
Outriggers		2-section (with damper) for bend and 5-section extension(front) / 4-section extension(rear). Double acting hydraulic cylinders with pilot-operated check valves, direct pushing (Directly connected with hydraulic automatic lock device)		n pilot-operated check valves, direct pushing type	
Hydraulic Pump	Туре		Variable delivery pi	iston pump	
nyuluulic Pullip	Rated pressure		For crawling: 21.6 MPa {220 kgf/cm²} For	0 kgf/cm²} For crane: 20.6 MPa {210 kgf/cm²}	
Hydraulic oil tank capa	city	27 liters			
Safety devices [with Safe load indicate	ก	Pressure relief valve for hydraulic circuit / Counterbalance valves for boom raising and boom telescoping cylinders / Double pilot-operated check valves for outrigger cylinders / B indicator with load indicator / Hook safety latch / Automatic mechanical brake for winch / Automatic stop for overwinding / Overwinding alarm / Emergency stop button. Inter-lock device of crane and arowing levers / Level / Slewing restriction limit switch / Turn over prevention device* / Load meter* / Safe load indicator / Inter-lock device of crane and outrigager / Outrigager ground contact detector / Three colored lamp / Headlight		rwinding alarm / Emergency stop button / device* / Load meter* /	

Radio remote control

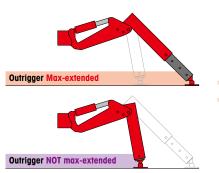


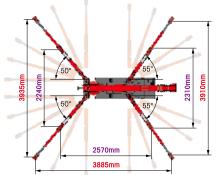






OUTRIGGER POSITIONS

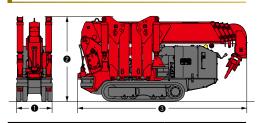




CRAWLING GEAR [with Electric power unit]

NOTE: Safe load indicator model may place each outrigger at one-angle

Crane model	URW295CP2	URW295C4 0~2 km/h, forward / backward [AC200V 50Hz] 0~1.2 km/h [AC200V 60Hz] 0~1.4 km/h [AC400V 50Hz] 0~1.1 km/h [AC400V 60Hz] 0~1.3 km/h	
Crawling speed	0~2.3 km/h, forward / backward [AC200V 50Hz] 0~1.2 km/h [AC200V 60Hz] 0~1.4 km/h [AC400V 50Hz] 0~1.1 km/h [AC400V 60Hz] 0~1.3 km/h		
Hill climbing ability	20°	20°	
Tread length $ imes$ width	read length × width 1050mm × 180mm 1050mm >		
Ground contact pressure	48.0 kPa {0.49 kgf/cm²} 51.4 kPa {0.52 kgf/cm²}	49.8 kPa {0.51 kgf/cm²} 53.0 kPa {0.54 kgf/cm²}	
Engine manufacturer / model Mitsubishi / GB400LE		Kubota / Z482-E4B	
Displacement	391cc	479cc	
Maximum output	6.6kW(9PS) / 1800 rpm, Rated output	7.2kW(9.8PS) / 2600 rpm, Rated output	
Fuel Petrol		Diesel	
Fuel tank capacity	6 liters	10 liters	
Steering	Hydraulic drive independent of left / right	Hydraulic drive independent of left / right	

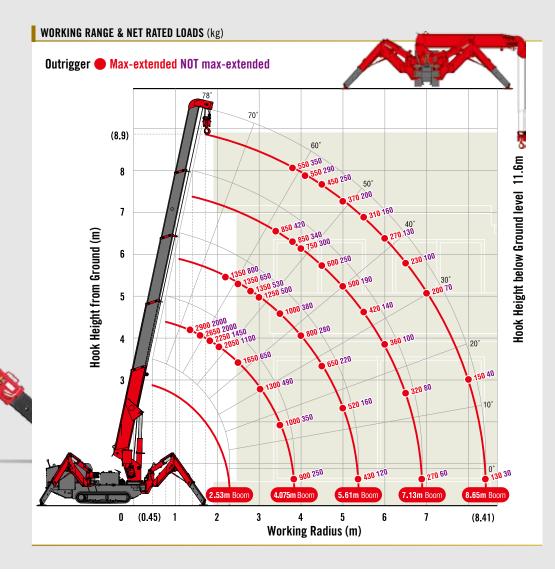


Crane model	URW295CP2	URW295C4
Total width	600	mm
2 Total height	1375mm [1430mm]	1380mm [1450mm]
3 Total length	2690mm	2730mm [2900mm]
Mass of crane	1850kg [1980kg]	1920kg [2040kg]



SPECIFICATIONS

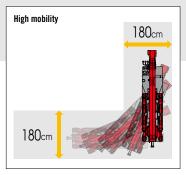
Crane model		URW295CB2A	
Lifting capacity		Max. 2.93t at 1.4m	
Working radius		Min O.45m, Max 8.41m	
In all hairbs (Annual)	Above ground level	Max. 8.9m	
look height (Approx.)	Below ground level	Max. 11.6m (with 4-part line)	
	Length	Min 2.53m, Max 8.65m	
3oom	Extending speed	6.12m/31s (Standard) 6.12m/23s (High speed)	
DOUIII	Raising angle / speed	0° to 78°/17s (Standard) 0° to 78°/12s (High speed)	
	Structure	5-section box beam type telescoping boom	
Single line speed	28m/min (at 4th layer) (Standard) 36.4m/min (at 4th layer) (High speed)		
Vinch	Hook speed	7m/min (at 4th layer with 4-part line) (Standard) 9.1m/min (at 4th layer with 4-part line) (High speed)	
	Wire rope	Construction: IWRC 6 x WS(26) GRADE B / Diameter x Length: 8mm x 54m / Breaking strength: 42.4kN [4320kgf]	
	Hook block	2.9t capacity, 2 sheaves with safety latch	
Olassia a	Range	360° continuous rotation on a ball bearing race	
Slewing	Speed	1.0 rpm (Standard) 1.5 rpm (High speed)	
Outriggers 2-section (with damper) for bend and 5-section extension(front) / 4-section extension(rear). Double acting hydraulic cylinders with pilot-operated direct pushing type (Directly connected with hydraulic automatic lock device)		2-section (with damper) for bend and 5-section extension(front) / 4-section extension(rear). Double acting hydraulic cylinders with pilot-operated check valves, direct pushing type (Directly connected with hydraulic automatic lock device)	
Judraulio Rumo	Туре	Gear pump	
Hydraulic Pump Rated pressure	Rated pressure	For crawling: 21.6 MPa {220 kgt/cm²} For crane: 20.6 MPa {210 kgt/cm²}	
Hydraulic oil tank capacity		27 liters	
		Pressure relief valve for hydraulic circuit / Counterbalance valves for boom raising and boom telescoping cylinders / Double pilot-operated check valves for outrigger cylinders / Boom angle indicator with load indicator / Hook safety latch / Automatic mechanical brake for winch / Automatic stop for overwinding / Overwinding alarm / Emergency stop button. Inter-lock device of cranse and crawling levers / Level / Slewing restriction its without 7 wore prevention device / Load neter	



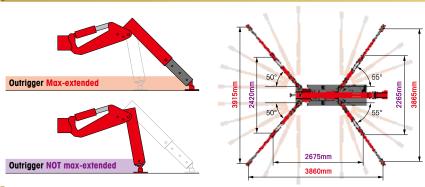








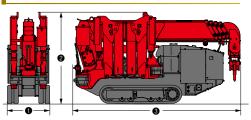
OUTRIGGER POSITIONS



CRAWLING GFAR

CRAWLING GEAR	
Crane model URW295CB2A	
Crawling speed	0~1km/h, forward / backward (Standard) 0~1.6km/h, forward / backward (High speed)
Hill climbing ability	20°
Tread length $ imes$ width	1050mm × 180mm
Ground contact pressure	60.8kPa [0.62kgf/cm²]
Battery type	Flooded lead acid battery
Battery model	VCl225 (DC48V-225Ah) (DC2V x 24 cells)
Continuous operating time	Approx. 270min (Standard) Approx. 240min (High speed)
Input voltage / current	AC200V (50/60Hz), Single-phase / 16A
Charging time	Approx. 5 hour (80%) Approx. 10 hour (100%)

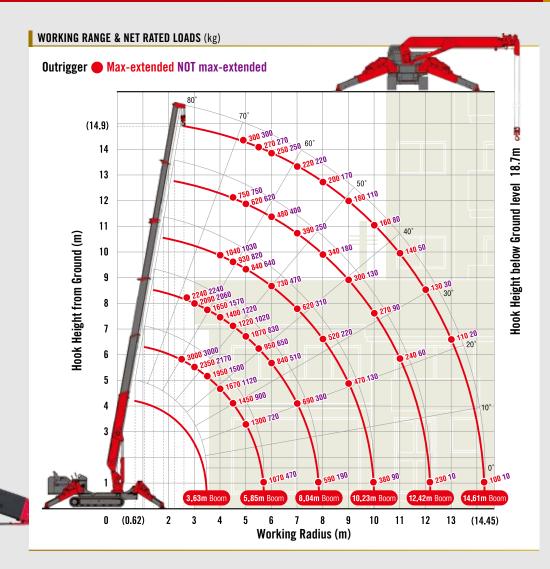
DIMENSIONS



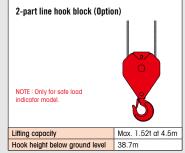
Crane model	URW295CB2A	
Total width	690mm	
2 Total height	1525mm	
Total length	2720mm	
Mass of crane	2350kg	

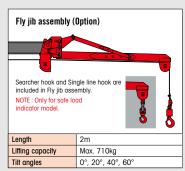


Crane model		URW376C4	
		A (Standard)	E-1(Safe load indicator)
Lifting capacity		Max. 3.03t at 2.5m	
Working radius		Min. 0.62m	, Max. 14.45m
Hook height (Approx.)	Above ground level	Max	. 14.9m
HOOK HEIGHT (APPIOX.)	Below ground level	Max. 18.7m	(with 4-part line)
	Length	Min. 3.63m	to Max. 14.61m
Boom	Extending speed		n / 23 sec. . [60Hz] 10.98m / 33.5 sec.
BOOM	Raising angle / speed	0° to 80° / 10 sec. [50Hz] 0° to 80° / 18 sec. [60Hz] 0° to 80° / 15 sec.	
	Structure	6-section box beam	type telescoping boom
	Single line speed	68 m/min (at 4th layer) [50Hz] 34 m/min (at 4th layer) [60Hz] 40 m/min (at 4th layer)	
Winch	Hook speed	17 m/min (at 4th layer with 4-part line) [50Hz] 8.5 m/min (at 4th layer with 4-part line) [60Hz] 10 m/min (at 4th layer with 4-part line)	
	Wire rope	Construction: IWRC 6 x WS(26) GRADE B / Diameter x Length: 8mm x 85m / Breaking strength: 42.4kN [4320 kgf]	
	Hook block	3t capacity, 2 sheaves with safety latch	
Slewing	Range	360° continuous rotat	ion on a ball bearing race
Siewing	Speed	2.5 rpm [50Hz] 2.	1 rpm [60Hz] 2.5 rpm
Outriggers	Horizontal, Vertical	A double acting hydraulic cylinder, direct pushing type (Directly connected with hydraulic automatic lock device)	
Hydraulic pump	Туре	Variable delivery piston pump	
Rated pressure		For crawling: 21.6 MPa {220 kgt/cm²} For crane: 20.6 MPa {210 kgt/cm²}	
Hydraulic oil tank capacity		75 liters	
Safety devices [with Safe load indicator]		Double pilot-operated check valves for outrigger cylinders (Vertical) / Boom angle in Automatic stop for overwinding / Overwinding alarm / Automatic stop for leaving mini Level / Three colored lamp / Headlight / Digit	oom telescoping cylinders / Pilot-operated check valves for outrigger cylinders (Horizontal), idicator with load indicator / Hook safety latch / Automatic mechanical brake for winch / mum wire rope / Emergency stop button / Inter-lock device of crane and crawling levers / al load meter* / Automatic stop for overloading* / s and outriggers / Outrigger ground contact delector

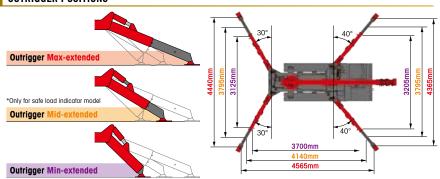






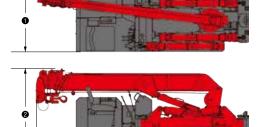






CRAWLING GEAR [with Electric power unit]

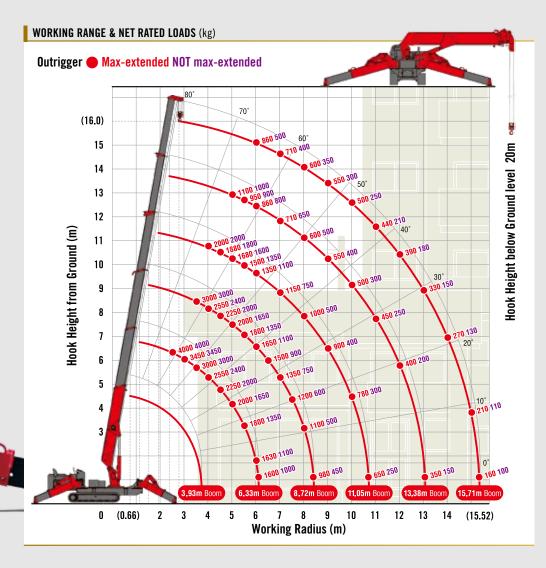
Crane model URW376C4		
Crawling speed	0~3 km/h, forward / backward [50Hz] 0~1.3 km/h [60Hz] 0~1.5 km/h	
Hill climbing ability	23°	
Tread length × width	1750mm × 300mm	
Ground contact pressure	36.3 kPa (0.37 kgt/cm²) 37.3 kPa (0.38 kgt/cm²)	
Engine manufacturer / model	Yanmar / 3TNV80F	
Displacement	1266cm ³	
Maximum output	15.2kW(20.7PS) / 2500 rpm, Rated output	
Fuel	Diesel	
Fuel tank capacity	40 liters	
Steering	Hydraulic drive independent of left / right	



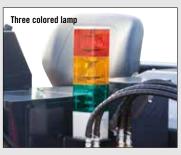
Crane model	URW376C4	
Total width	1300mm	
2 Total height	1805mm	
3 Total length	4340mm	
Mass of crane	3870kg [4020kg]	

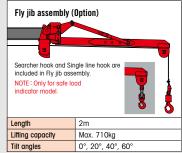


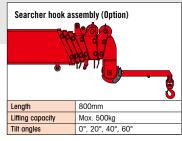
Crane model Lifting capacity		URW546C4	
		A (Standard)	E-1(Safe load indicator)
		Max. 4.05	t at 2.5m
Working radius		Min. 0.66m, N	lax. 15.52m
Hook height (Approx.)	Above ground level	Max.	16m
look fielgill (Applox.)	Below ground level	Max. 20m wit	h 4-part line
	Length	Min. 3.93m to	Max. 15.71m
Boom	Extending speed	11.78m / [50Hz] 11.78m / 57 sec. [
JOOIII	Raising angle / speed	0° to 80° / [50Hz] 0° to 80° / 30 sec. [
	Structure	6-section box beam ty	pe telescoping boom
	Single line speed	44 m/min (at 4th layer) [50Hz] 22 m/min (at 4th layer) [60Hz] 26 m/min (at 4th layer)	
Vinch	Hook speed	11 m/min (at 4th layer with 4-part line) [50Hz] 5.5 m/min (at 4th layer with 4-part line) [60Hz] 6.5 m/min (at 4th layer with 4-part line)	
	Wire rope [with Safe load indicator]	Construction: XP IWRC 6 x WS(26) / Diameter x Length: 8mm x 91.5m / Breaking strength: 47.1kN [4800 kgf] Construction: IWRC L6 x P-WS(26) / Diameter x Length: 8mm x 91.5m / Breaking strength: 53.0kN [5400kgf]	
	Hook block	4t capacity, 2 sheaves with safety latch	
lewing	Range	360° continuous rotation	on a ball bearing race
lewing	Speed	2.5 rpm [50Hz] 2.0 r	pm [60Hz] 2.3 rpm
Outriggers	Horizontal, Vertical	A double acting hydraulic cylinder, direct pushing type (Directly connected with hydraulic automatic lock device)	
lydraulic pump	Type Variable delivery piston pump		piston pump
Rated pressure		For crawling: 21.6 MPa (220 kgt/cm²) For crane: 20.6 MPa (210 kgt/cm²)	
lydraulic oil tank capa	city	75 lii	ers
Safety devices [with Safe load indicator]		Pressure relief valve for hydraulic circuit / Counterbalance valves for boom raising and bool Double pilot-operated check valves for outrigger cylinders (Vertical) / Boom angle indic Automatic stop for overwinding / Overwinding alarm / Automatic stop for leaving minimm Level / Three colored lamp / Headlight / Digital Safe logal indicator / Inter-lock device of grape at	cator with load indicator / Hook safety latch / Automatic mechanical brake for winch / um wire rope / Emergency stop button / Inter-lock device of crane and crawling levers /

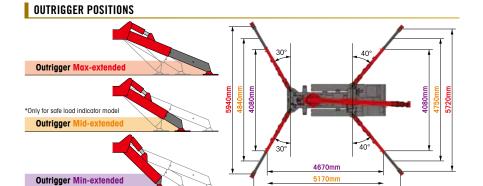






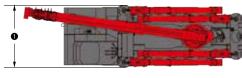


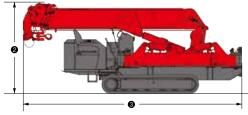




CRAWLING GEAR [with Electric power unit]

Crane model	Crane model URW546C4	
Crawling speed	0−3 km/h, forward / backward [50Hz] 0~1.3 km/h [60Hz] 0~1.5 km/h	
Hill climbing ability	23°	
Tread length $ imes$ width	1750mm × 300mm	
Ground contact pressure	46.1 kPa (0.47 kgt/cm²) 47.1 kPa (0.48 kgt/cm²)	
Engine manufacturer / model	Yanmar / 3TNV80F	
Displacement	1266cc	
Maximum output	15.2kW(20.7PS) / 2500 rpm, Rated output	
Fuel	Diesel	
Fuel tank capacity	40 liters	
Steering	Hydraulic drive independent of left / right	

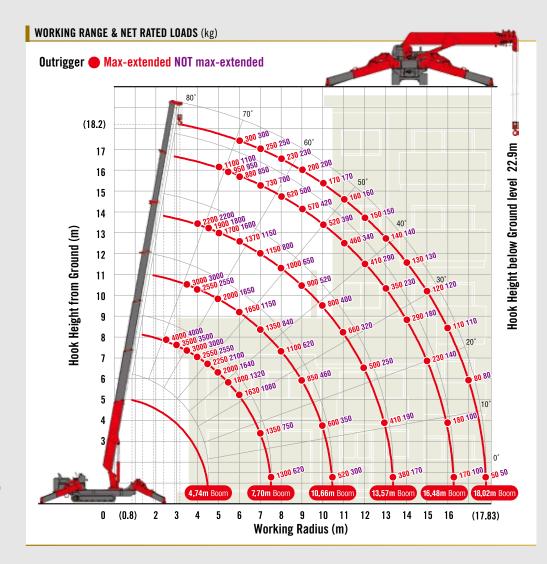




Crane model	URW546C4
Total width	1380mm
2 Total height	2035mm
3 Total length	4870mm
Mass of crane	4930kg [5080kg]

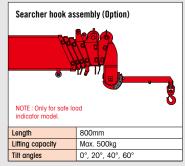


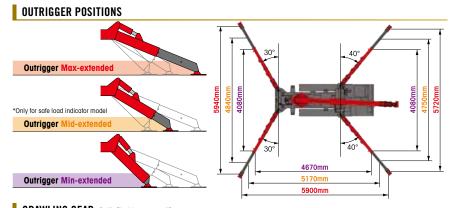
Crane model Lifting capacity		URW547C4		
		A (Standard)	E-1(Safe load indicator)	
		Max. 4.05t at 2.5m		
Working radius		Min. 0.8m, Max. 17.83m		
Hook height (Approx.)	Above ground level	Max. 18	8.2m	
nook lielgili (Applox.)	Below ground level	Max. 22.9m (wi	ith 4-part line)	
	Length	Min. 3.99m to I	Max. 18.02m	
Boom	Extending speed	14.03m / [50Hz] 14.03m / 57 sec. [
boom	Raising angle / speed		0° to 80° / 18 sec. [50Hz] 0° to 80° / 30 sec. [60Hz] 0° to 80° / 25 sec.	
	Structure	7-section box beam type telescoping boom		
	Single line speed	56 m/min (at 5th layer) [50Hz] 28 m/min (at 5th layer) [60Hz] 32.8 m/min (at 5th layer)		
Winch	Hook speed	14 m/min (at 5th layer with 4-part line) [50Hz] 7m/min (at 5th layer with 4-part line) [60Hz] 8.2 m/min (at 5th layer with 4-part line)		
	Wire rope	Construction: IWRC L6 x P-WS(26) / Diameter x Length: 8mm x 103m / Breaking strength: 53kN [5400 kgf]		
	Hook block	4t capacity, 2 sheaves with safety latch		
Slewing	Range	360° continuous rotation	on a ball bearing race	
Siewilly	Speed	2.5 rpm [50Hz] 2.0 r	pm [60Hz] 2.3 rpm	
Outriggers	Horizontal, Vertical	A double acting hydraulic cylinder, direct pushing type (Directly connected with hydraulic automatic lock device)		
Hydraulic pump Type Rated pressure		Variable delivery piston pump		
		For crawling: 21.6 MPa (220 kgt/cm²) For crane: 20.6 MPa (210 kgt/cm²)		
Hydraulic oil tank capa	city	75 lit	ers	
Safety devices [with Safe load indicator]		Pressure relief valve for hydraulic circuit / Counterbalance valves for boom raising and boor Double pilot-operated check valves for outrigger cylinders (Vertical) / Boom angle indic Automatic stop for overwinding / Overwinding alarm / Automatic stop for leaving minimu. Level / Three colored lamp / Headlight / Digital Is Safe load indicator / Inter-lock device of crane an	cator with load indicator / Hook safety latch / Automatic mechanical brake for winch / im wire rope / Emergency stop button / Inter-lock device of crane and crawling levers / and meter* / Automatic stop for overloading* /	



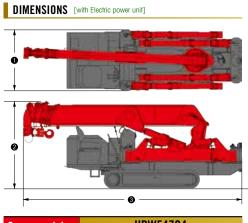








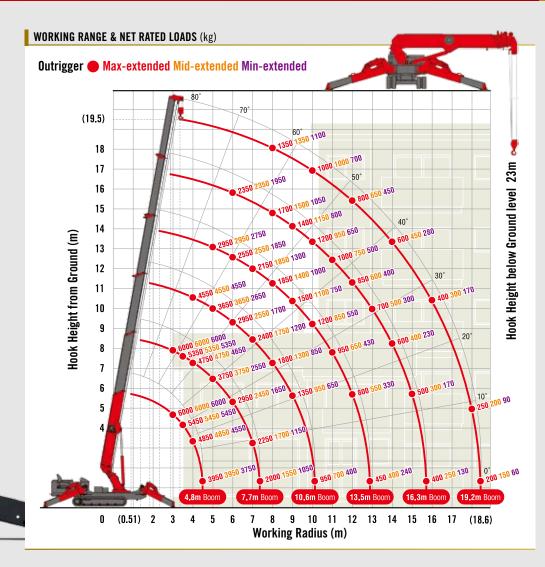
CRAWLING GEAR [with Electric power unit]		
Crane model URW547C4		
Crawling speed	0~3 km/ h, forward / backward [50Hz] 0~1.3 km/h [60Hz] 0~1.5 km/h	
Hill climbing ability	23°	
Tread length $ imes$ width	1750mm × 300mm	
Ground contact pressure	47.1 kPa {0.48 kgt/cm²} 49.0 kPa {0.50 kgt/cm²}	
Engine manufacturer / model	Yanmar / 3TNV80F	
Displacement	1266cc	
Maximum output	15.2kW(20.7PS) / 2500 rpm, Rated output	
Fuel	Diesel	
Fuel tank capacity	40 liters	
Steering	Hydraulic drive independent of left / right	

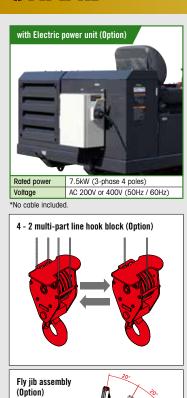


Crane model	URW547C4
Total width	1380mm
2 Total height	1980mm
3 Total length	4950mm
Mass of crane	5070kg [5220kg]

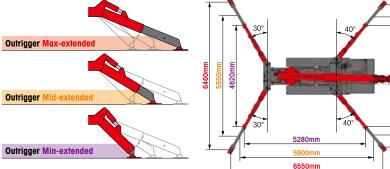


		URW70	URW706C4				
Crane model		A (Standard) E-1(Safe load indicator					
Lifting capacity		Max. 6.05t at 3m					
Working radius		Min. 0.51m, Max. 18.6m					
Hook height (Approx.)	Above ground level	Max. 19	9.5m				
nook lielgili (Applox.)	Below ground level	Max. 23m (with 4-part line)					
	Length	Min. 4.8m to M	Max. 19.2m				
Boom	Extending speed	14.4m / 5 [50Hz] 14.4m / 110 sec.	=				
BOOTH	Raising angle / speed	0° to 80° / 16 sec. [50Hz] 0° to 80° / 45 sec. [60Hz] 0° to 80° / 37 sec.					
	Structure	6-section box beam type telescoping boom					
	Single line speed	44 m/min (at 4th layer) [50Hz] 15.6 m/min (at 4th layer) [60Hz] 17.7 m/min (at 4th layer)					
Winch	Hook speed	11 m/min (at 4th layer with 4-part line) [50Hz] 3.9 m/min (at 4th layer with 4-part line) [60Hz] 4.4 m/min (at 4th layer with 4-part line)					
	Wire rope	Construction : IWRC 6 x Fi(29) / Diameter x Length : 10mm x 111m / Breaking strength : 78.4kN [8000 kgf]					
	Hook block	6t capacity, 2 sheaves with safety latch					
Slewing	Range	360° continuous rotation	on a ball bearing race				
Siewilly	Speed	2.5 rpm [50Hz] [60Hz] 1.8 rpm					
Outriggers	Horizontal, Vertical	A double acting hydraulic cylinder, direct pushing type (D	irectly connected with hydraulic automatic lock device)				
Hydraulic pump	Туре	Variable delivery piston pump					
nyuluulic pullip	Rated pressure	For crawling:24.5 MPa {250 kgt/cm²} For crane: 20.6 MPa {210 kgt/cm²}					
Hydraulic oil tank capacity		125.7 liters					
Safety devices [with Safe load indicator]		Pressure relief valve for hydraulic circuit / Counterbalance valves for boom raising and boom telescoping cylinders / Pilot-operated check valves for outrigger cylinders (Horizontal) Double pilot-operated check valves for outrigger cylinders (Vertical) / Boom angle indicator with load indicator / Hook safety latch / Automatic mechanical brake for winch / Automatic stop for overwinding / Overwinding alorm / Automatic stop for leaving minimum wire rope / Emergency stop button / Inter-lock device of crane and crawling levers / Level / Two colored lamp* / Headlight / Automatic stop for overloading* / Safe load indicator / Inter-lock device of crane and outriggers / Outrigger ground contact defector / Three colored lamp					









CRAWLING GEAR	[with Electric nower unit]
GRAWLING GEAR	I WIIII Electric bower uriii i

Crane model	URW706C4				
Crawling speed	0~2.9 km/h, forward / backward [50Hz] 0~1 km/h [60Hz] 0~1.2 km/h				
Hill climbing ability	23°				
Tread length × width	2275mm × 400mm				
Ground contact pressure	43.1 kPa {0.44 kgt/cm²} 43.8 kPa {0.45 kgt/cm²}				
Engine manufacturer / model	Kubota / D1703-M-DI-E4B				
Displacement	1647cc				
Maximum output	18.5kW(25.2PS) / 2200 rpm, Rated output				
Fuel	Diesel				
Fuel tank capacity	60 liters				
Steering	Hydraulic drive independent of left / right				

DIMENSIONS [with Electric power unit]

Length

Lifting capacity

Tilt angles

NOTE: Only for safe load

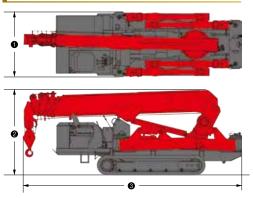
[Manual]

Max. 820kg

[Manual]
0°, 20°, 40°, 60°
[Hydraulic tilt]
0° ~ 60°

Retracted: 2.11m Extended: 3.11m

[Hydraulic tilt] Retracted: 3.8m Extended: 6.0m



Crane model	URW706C4
Total width	1670mm
2 Total height	2190mm
Total length	5610mm
Mass of crane	7990kg [8140kg]



Min. 0.04m, Max. 21.93m : with Fly jib assembly Max. 24.3m Working radius Max. 22.8m : with Fly jib assembly Max. 30.7m Above ground level Hook height (Approx.) Max. 30m (with 4-part line) : Max. 128m (with 1-part line) Below around level Min. 5.75m to Max. 23.1m 17.35m / 88 sec Extending speed [50Hz] 17.35m / 123 sec. [60Hz] 17.35m / 103 sec. 0° to 80° / 44 sec. [50Hz] 0° to 80° / 80 sec. [60Hz] 0° to 80° / 67 sec Raising angle / speed Structure 6-section box beam type telescoping boom 40 m/min (at 4th layer) 2nd: 64 m/min (at 4th layer) [50Hz] 20.8 m/min (at 4th layer) [60Hz] 24.8 m/min (at 4th layer) 2nd: [50Hz] 36 m/min (at 4th layer) [60Hz] 43.2 m/min (at 4th layer) Single line speed 10 m/min (at 4th layer with 4-part line) 2nd: 16 m/min (at 4th layer with 4-part line) [50Hz] 5.2 m/min (at 4th layer with 4-part line) [60Hz] 6.2 m/min (at 4th layer with 4-part line) 2nd: [50Hz] 9.2 m/min (at 4th layer with 4-part line) [60Hz] 10.8 m/min (at 4th layer with 4-part line) Winch Hook speed Wire rope $Construction: XP\ IWRC\ 6\ x\ WS(31)\ /\ Diameter\ x\ Length: 13mm\ x\ 140m\ /\ Breaking\ strength: 131kN\ \{13400\ kgf\}$ 10t capacity, 3 sheaves with safety latch 360° continuous rotation on a ball bearing race Range Slewing 1.3 rpm [50Hz] [60Hz] 1.2 rpm A double acting hydraulic cylinder, direct pushing type (Directly connected with hydraulic automatic lock device) / Horizontal, Vertical / Position Outriggers A double acting hydraulic cylinder with link system (Directly connected with hydraulic automatic lock device)

URW1006C2E-1

Variable delivery piston pump

For crawling:27.5 MPa {280 kgt/cm²} For crane(except boom raising): 20.6 MPa {210 kgt/cm²} For boom raising only: 15.7 MPa {160 kgt/cm²} 215 liters

Pressure relief valve for hydraulic circuit / Counterbalance valves for boom raising and boom telescoping cylinders / Pilot-operated check valves for outrigger cylinders (Horizontal) / Double pilot-operated check valves for outrigger cylinders (Verlical, Position) / Boom angle indicator with load indicator / Hook safety latch / Automatic mechanical brake for winch / Automatic stop for overwinding / Overwinding alarm / Automatic stop for leaving minimum wire rope / Emergency stop button / Inter-lock device of crane and crawling levers /

Inter-lock device of crane and outriggers / Outrigger ground contact detector / Level / Safe load indicator / Three colored lamp / Headlight / Boom outrigger monitor lamp

Max. 10.14t at 3m : with Fly jib assembly Max. 1.05t at 9.7m (boom angle 70° and jib tilt angle 0°)

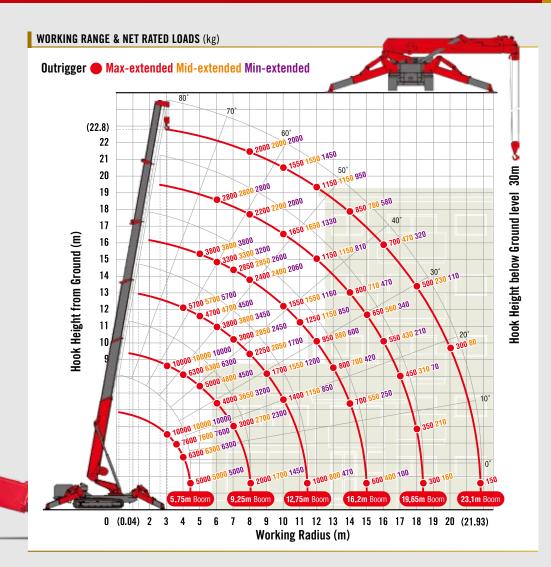
Crane model

Lifting capacity

Hydraulic pump

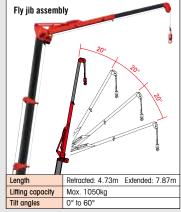
Safety devices

Hydraulic oil tank capacity



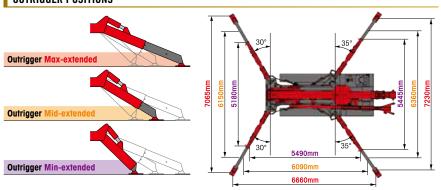


*No cable included



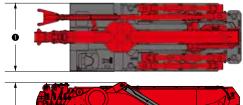


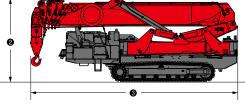
OUTRIGGER POSITIONS



CRAWLING GEAR [with Electric power unit]

Crane model	URW1006C2E-1
Crawling speed	0~2.6 km/h, forward / backward [50Hz] 0~1.3 km/h [60Hz] 0~1.5 km/h
Hill climbing ability	23°
Tread length $ imes$ width	2515mm × 400mm
Ground contact pressure	67.3 kPa {0.69 kgt/cm²} 68.2 kPa {0.70 kgt/cm²}
Engine manufacturer / model	Yanmar / 4TNV88
Displacement	2189cc
Maximum output	30.1kW(40.9PS) / 2500 rpm, Continuous rated output
Fuel	Diesel
Fuel tank capacity	75 liters
Steering	Hydraulic drive independent of left / right





Crane model	URW1006C2E-1
Total width	2000mm
2 Total height	2460mm
3 Total length	6060mm
Mass of crane	13840kg [14020kg]

Standard equipments and Options



- Radio remote control
- A Standard model
 B Safe load indicator model



2 Automatic stop for overwinding



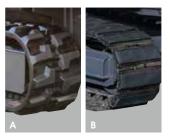
3 Automatic hook block stowing



4 Emergency stop button

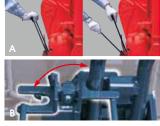


5 Level



6 Black crawler belt

- **A** URW094C, URW295C, URW376C, URW546C, URW547C, URW706C
- **B** URW1006C



Inter-lock device of crane and crawling levers

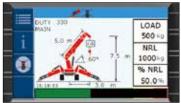
- URW094C, URW295C URW376C, URW546C,URW547C,URW706C, URW1006C



8 Headlight



9 Safe load indicator (with outrigger ground contact detector)



10 Automatic stop for overloading (KM-100/ML-300)



11 Load meter / Digital load meter



STANDARD EQUIPMENTS / OPTIONS [\star Standard, \bullet Factory-installed option, \bigcirc Option, - Not available]

Cro	ne model	URW094C	URW295C					
GIA	ile iliouei	URW094CP2E	URW295CP2A	URW295CP2E-1	URW295C4A	URW295C4E-1	URW295CB2A(ECO)	
Fuel		Petrol	Petrol		Diesel		Battery	
1	Radio remote control (A /B)	★ (A)	★ (A)	★ (B)	★ (A)	★ (B)	★ (A)	
2	Automatic stop for overwinding	*	*	*	*	*	*	
3	Automatic hook block stowing	*	*	*	*	*	*	
4	Emergency stop button	*	*	*	*	*	*	
5	Level	*	*	*	*	*	*	
6	Black crawler belt (A /B)	★ (A)	★ (A)	★ (A)	★ (A)	★ (A)	★ (A)	
7	Inter-lock device of crane and crawling levers	★ (A)	★ (A)	★ (A)	★ (A)	★ (A)	★ (A)	
8	Head light	*	_	*	_	*	_	
9	Safe load indicator (with outrigger ground contact detector)	_	_	*	_	*	_	
10	Automatic stop for overloading (KM-100/ ML-300)	_	_	_	_	_	_	
11	Load meter	*	*	_	*	_	*	
- 11	Digital load meter	_	_	_	•	_	•	
12	Turn over prevention device	_	*	_	*	_	*	
13	Automatic stop for leaving minimum wire rope	*	•	*	•	*	•	
14	Three colored lamp	_	•	*	•	*	•	
	Two colored lamp	_	_		_			
15	Oil cooler	_	_	_	_		_	
16	Fly jib with single line hook (Manual)	_	_	0	_	0	_	
	Fly jib with single line hook (Hydraulic tilt)	_	_		_	_	_	
17	Single line hook	_	_	0	_	0	0	
18	Searcher hook assembly	_	_	0	_	0	_	
19	Working light	•	_	_	•	•	_	
20	Outrigger mats	0	0	0	0	0	0	
21	Gray crawler belt	•	•	•	•	•	•	
22	Gray crawler belt (as spare)	0	0	0	0	0	0	
23	Electric power unit (AC200V or AC400V) [Crane model]	_	● [URW295CP2AM]	● 【URW295CP2EM-1】	● 【URW295C4AM】	● 【URW295C4EM-1】	-	
24	20M cable for electric power unit (AC200V or AC400V)	_	0	0	0	0	_	
25	2-part line hook block	_	_	0	_	0	_	
26	4-2 multi-part line hook block	_	_	_	_	_	_	



12 Turn over prevention device



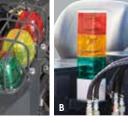
13 Automatic stop for leaving minimum wire rope



14 Three colored lamp / Two colored lamp



15 Oil cooler



A URW295C B URW376C, URW546C, URW547C, URW706C, URW1006C



Fly jib with single line hook (Manual / Hydraulic tilt)

*Searcher hook is included in manual Fly Jib



17 Single line hook



18 Searcher hook assembly



19 Working light



20 Outrigger mats



21 Gray crawler belt

22 Gray crawler belt (as spare)



23 Electric power unit (AC200V or AC400V)

*No cable included

24 20M cable for Electric power unit (AC200V or AC400V)

25 2-part line hook block

26 4-2 multi-part line hook block

URW:	376C	URW	546C	URW	547C	URW	706C	URW1006C	
URW376C4A	URW376C4E-1	URW546C4A	URW546C4E-1	URW547C4A	URW547C4E-1	URW706C4A	URW706C4E-1	URW1006C2E-1	
Die	sel	Die	esel	Die	esel	Die	esel	Diesel	
★ (A)	★ (B)	★ (A)	★ (B)	★ (A)	★ (B)	★ (A)	★ (B)	★ (B)	1
*	*	*	*	*	*	*	*	*	2
*	*	*	*	*	*	*	*	*	3
*	*	*	*	*	*	*	*	*	4
*	*	*	*	*	*	*	*	*	5
★ (A)	★ (A)	★ (A)	★ (A)	★ (A)	★ (A)	★ (A)	★ (A)	★ (B)	6
★ (B)	★ (B)	★ (B)	★ (B)	★ (B)	★ (B)	★ (B)	★ (B)	★ (B)	7
*	*	*	*	*	*	*	*	*	8
_	*	_	*	_	*	_	*	*	9
★ (KM-100)	_	★ (KM-100)	_	★ (KM-100)	_	★ (ML-300)	-	_	10
_	_	_	_	-	_	_	_	_	11
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0	0	0	0	0	0	0	0	_	20
•	•	_	_		_	_	_		21
0	0	_	_	_	_	_	_		22
[URW376C4AM]	[URW376C4EM-1]	[URW546C4AM]	● 【URW546C4EM-1】	● 【URW547C4AM】	● 【URW547C4EM-1】	[URW706C4AM]	[URW706C4EM-1]	● 【URW1006C2EM-1】	23
0	0	0	0	0	0	0	0	_	24
_	0	_	0		0	_	_	_	25
_	_	_	_	_	_	_	•	*	26



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