



# 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	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	$3.03t \times 2.5m$		
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	5070ka		



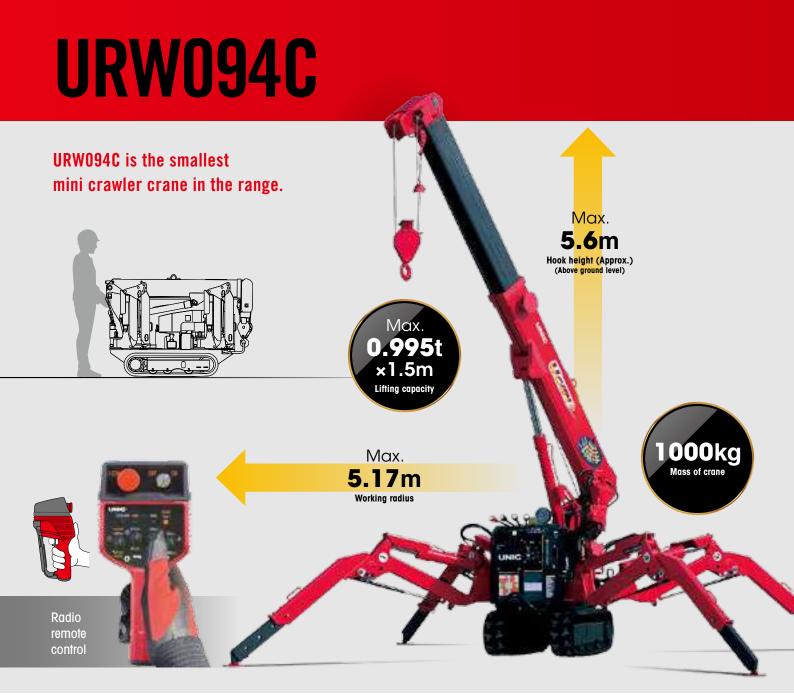
# <u>URW706C</u>

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	



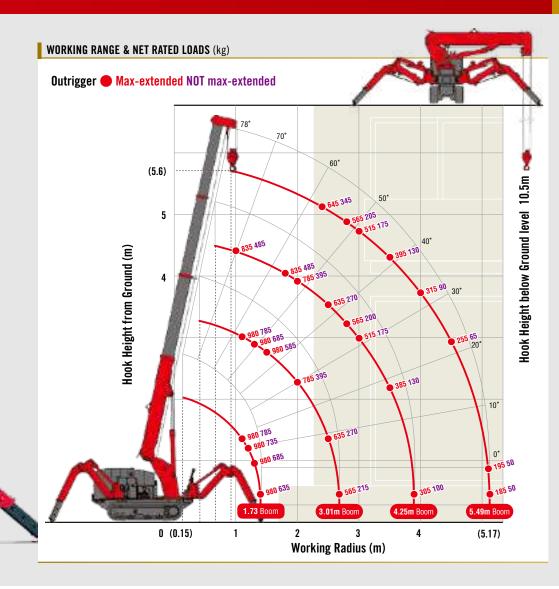
# **URW1006C**

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	



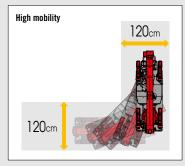
### SPECIFICATIONS

Crane model Lifting capacity		URW094CP2E  Max. 0.995t at 1.5m	
I a a l. h a i a h k (A a a a a a . )	Above ground level	Max. 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.	
500111	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)	
Minch	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 360° continuous rotation on a ball bearing race Speed 1.5 rpm		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}	
lydraulic 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	

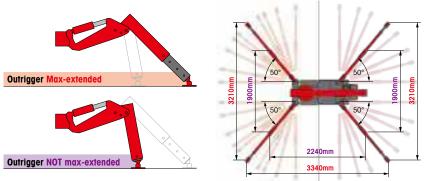








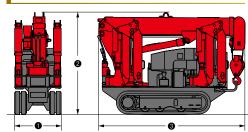
### OUTRIGGER POSITIONS



### CRAWLING GEAR

Crane model	model URW094CP2E		
Grane inouer	UKWU346PZE		
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 kgf/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

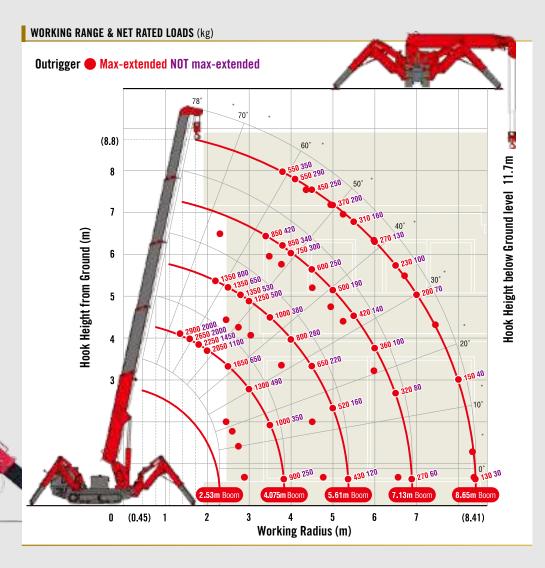


Crane model	URW094CP2E
Total width	595mm
2 Total height	1290mm
3 Total length	1870mm
Mass of crane	1000kg

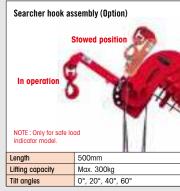


		URW295CP2		URW295C4	
Crane model		A (Standard)	E-1(Safe load indicator)	A (Standard)	E-1(Safe load indicator)
Lifting capacity			Max. 2.93t at	1.4m	
Working radius			Min. 0.45m, Max	c. 8.41m	
Hook height (Approx.)	Above ground level		Max. 8.8r	n	
nook lielgili (Applox.)	Below ground level		Max. 11.7m (with	4-part line)	
	Length	Min. 2.53	3m to Max. 8.65m		<b>3m to Max. 8.65m</b> Om to Max. 8.65m
Boom	6.12m / 20 sec. [50Hz] 6.12m / 34 sec. [60Hz] 6.12m / 28 sec.		5.9	2m / 22 sec. 15m / 21 sec. sec. [60Hz] 5.95m / 28 sec.	
	Raising angle / speed		78° / 11 sec. sec. [60Hz] 0° to 78° / 15 sec.	0° to 78° / 12 sec. [50Hz] 0° to 78° / 18 sec. [60Hz] 0° to 78° / 15 sec.	
	Structure		5-section box beam type	pe telescoping boom	
	Single line speed		<b>40 m/min (at 4t</b> [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: IWRC 6 x WS(26) GRADE B / Diameter x Length: 8mm x 54m / Breaking strength: 42.4kN [4320 kgf]			12.4kN {4320 kgf}
Hook block		2.9t capacity, 2 sheaves with safety latch			
Slewing	Range	360° continuous rotation on a ball bearing race			
лочину	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 pushir (Directly connected with hydraulic automatic lock device)		n pilot-operated check valves, direct pushing type	
Hydraulic Pump	Туре		Variable delivery pis		
riyaraano Famp	Rated pressure	For crawling: 21.6 MPa {220 kgt/cm²} For crane: 20.6 MPa {210 kgt/cm²}			
Hydraulic oil tank capa	city	27 liters			
Safety devices [with Safe load indicato	ฎ	Pressure relief valve for hydraulic circuit / Counterbalance valves for boom raising and boom telescoping cylinders / Double pilot-operated check valves for outrigger cylinders / Boom or 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 crawling levers / Level / Slewing restriction limit switch / Turn over prevention device* / Load meter* / Safe load indicator / Inter-lock device of crane and outrigagers / Outrigager ground contact detector / Three colored larmy / Headlight			

Radio remote control

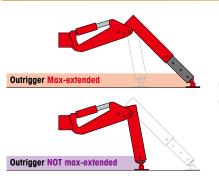


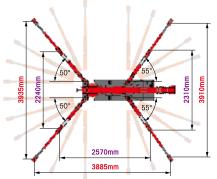






### OUTRIGGER POSITIONS



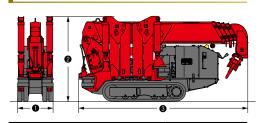


### CRAWLING GEAR [with Electric power unit]

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

Crane model	URW295CP2	URW295C4	
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	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	
Hill climbing ability	20°	20°	
Tread length $ imes$ width	1050mm × 180mm	1050mm × 180mm	
Ground contact pressure	<b>48.0 kPa {0.49 kgf/cm²}</b> 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		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	

### DIMENSIONS [with Electric power unit]

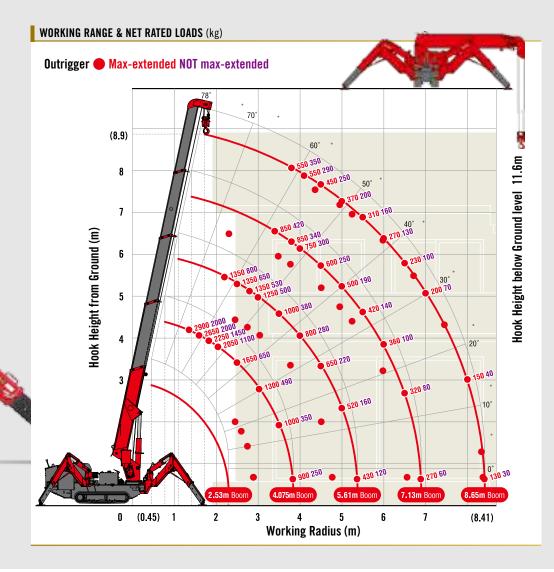


Crane model	URW295CP2	URW295C4
Total width	600	mm
2 Total height	1375mm [1430mm]	1380mm [1450mm]
3 Total length	2690mm	2730mm [2900mm]
Mass of crane	1850kg [1980kg]	1920kg [2040kg]



### SPECIFICATIONS

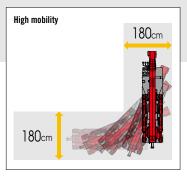
Crane model		URW295CB2A	
Lifting capacity		Max. 2.93t at 1.4m	
Working radius Min 0.45m, Max 8.41m		Min 0.45m, Max 8.41m	
In all hairbs (Annual)	Above ground level	Max. 8.9m	
look height (Approx.)	Below ground level	Max. 11.6m (with 4-part line)	
	Length	Min 2.53m, Max 8.65m	
3oom	Extending speed	6.12m/31s (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	
Winch	Single line speed	28m/min (at 4th layer) (Standard) 36.4m/min (at 4th layer) (High speed)	
	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-o 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)	
Hydraulic Pump	Туре	Gear pump	
iyaradiic Pullip	Rated pressure	For crawling: 21.6 MPa {220 kgt/cm²} For crane: 20.6 MPa {210 kgt/cm²}	
Hydraulic oil tank capacity 27 liters		27 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 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	



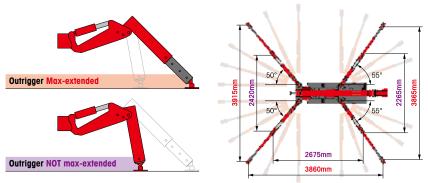








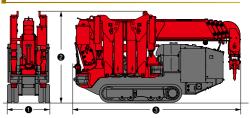
### OUTRIGGER POSITIONS



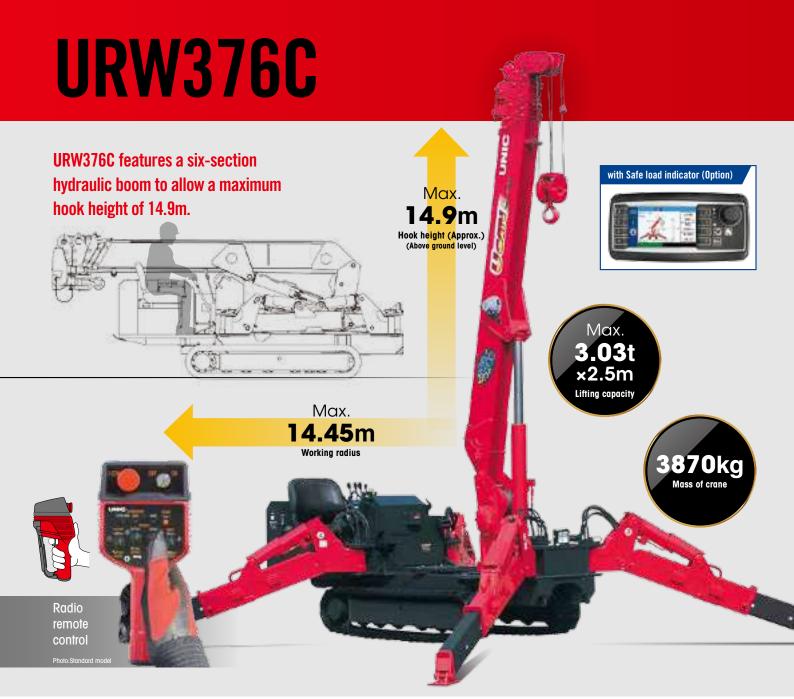
### CRAWLING GEAR

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 × width	1050mm × 180mm	
Ground contact pressure	60.8kPa {0.62kgf/cm²}	
Battery type	Flooded lead acid battery	
Battery model	VCI225 (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%)	

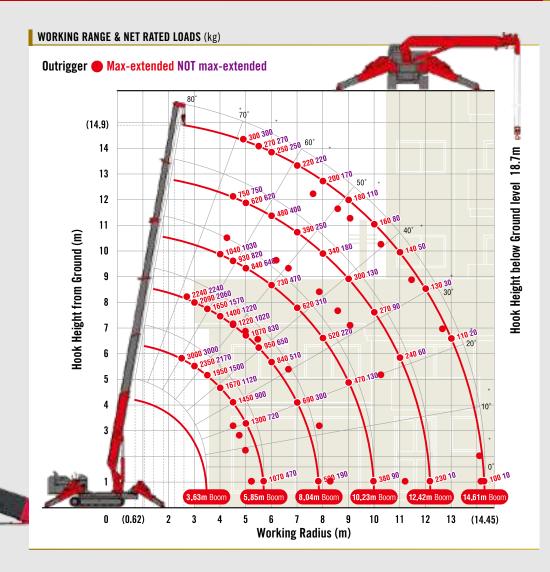
### DIMENSIONS



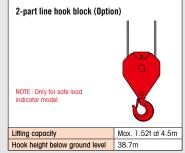
Crane model	URW295CB2A
Total width	690mm
2 Total height	1525mm
Total length	2720mm
Mass of crane	2350kg

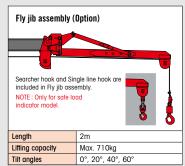


Crane model  Lifting capacity		URW376C4	
		A (Standard)	E-1(Safe load indicator)
		Max. 3.03t at 2.5m	
Working radius		Min. 0.62m, M	ax. 14.45m
Hook height (Approx.)	Above ground level	Max. 14	1.9m
Hook Heighi (Applox.)	Below ground level	Max. 18.7m (wit	th 4-part line)
	Length	Min. 3.63m to N	Max. 14.61m
Boom	Extending speed	10.98m / 3 [50Hz] 10.98m / 40 sec. [6	==:
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 rotation	on a ball bearing race
Siewilig	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	
nyuluulic pullip	Rated pressure	For crawling: 21.6 MPa {220 kg//cm²} For crane: 20.6 MPa {210 kg//cm²}	
Hydraulic oil tank capacity 75 liters		ers	
Safety devices [with Safe load indicator]		Pressure relief valve for hydraulic circuit / Counterbalance valves for boom raising and boon Double pilot-operated check valves for outrigger cylinders (Vertical) / Boom angle indio Automatic stop for overwinding / Overwinding alarm / Automatic stop for leaving minimu Level / Three colored lamp / Headlight / Digital Ic Safe load indicator / Inter-lock device of crane an	ator with load indicator / Hook safely latch / Automatic mechanical brake for winch / m wire rope / Emergency stop button / Inter-lock device of crane and crawling levers / load meter* / Automatic stop for overloading* /

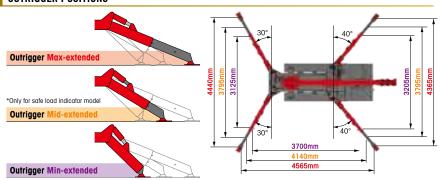








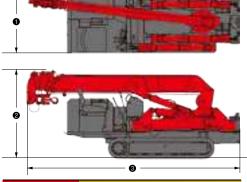




### CRAWLING GEAR [with Electric power unit]

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 $ imes$ width	1750mm × 300mm	
Ground contact pressure	<b>36.3 kPa {0.37 kgt/cm²}</b> 37.3 kPa {0.38 kgt/cm²}	
Engine manufacturer / model	Yanmar / 3TNV80F	
Displacement	1266cm <sup>3</sup>	
Maximum output	15.2kW(20.7PS) / 2500 rpm, Rated output	
Fuel	Diesel	
Fuel tank capacity	40 liters	
Steering	Hydraulic drive independent of left / right	

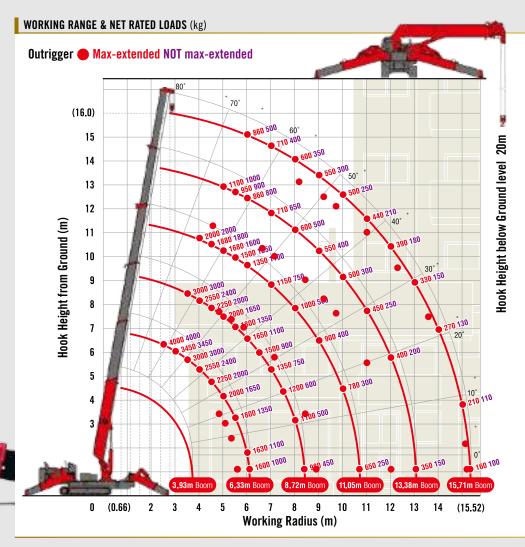
### DIMENSIONS [with Electric power unit]



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

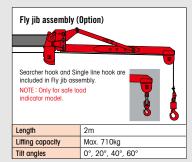


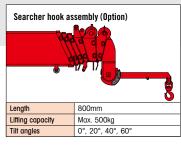
Crane model		URW546C4	
		A (Standard)	E-1(Safe load indicator)
Lifting capacity		Max. 4.05t at 2.5m	
Working radius		Min. 0.66m, Max	. 15.52m
Hook height (Approx.)	Above ground level	Max. 16m	
Hook Heighi (Approx.)	Below ground level	Max. 20m with 4	-part line
	Length	Min. 3.93m to Max	c. 15.71m
Boom	Extending speed	11.78m / 35 [50Hz] 11.78m / 57 sec. [60	
boom	Raising angle / speed	0° to 80° / 18 sec. [50Hz] 0° to 80° / 30 sec. [60Hz] 0° to 80° / 25 sec.	
	Structure	6-section box beam type 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)	
Winch	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	
Slewina	Range	360° continuous rotation on	a ball bearing race
Siewing	Speed	2.5 rpm [50Hz] 2.0 rpm [60Hz] 2.3 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	
Trydiadiic pullip	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]		Pressure relief valve for hydraulic circuit / Counterbalance valves for boom raising and boom to Double pilot-operated check valves for outrigger cylinders (Vertical) / Boom angle indicate Automatic stop for overwinding / Overwinding alarm / Automatic stop for leaving minimum Level / Three colored lamp / Headlight / Digital load Safe load indicator / Inter-lock device of crane and c	r with load indicator / Hook safety latch / Automatic mechanical brake for winch / wire rope / Emergency stop button / Inter-lock device of crane and crawling levers / dimeter* / Automatic stop for overloading* /

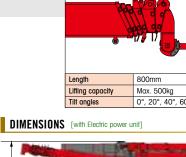


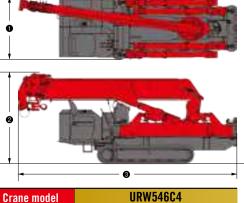












1380mm

2035mm

4870mm 4930kg [5080kg]

Total width

2 Total height

3 Total length

Mass of crane

Outrigger Min-extende	d 5170mm 5900mm	
CRAWLING GEAR [w	with Electric power unit]	
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	<b>46.1 kPa {0.47 kgt/cm²}</b> 47.1 kPa <b>{</b> 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	

4670mm

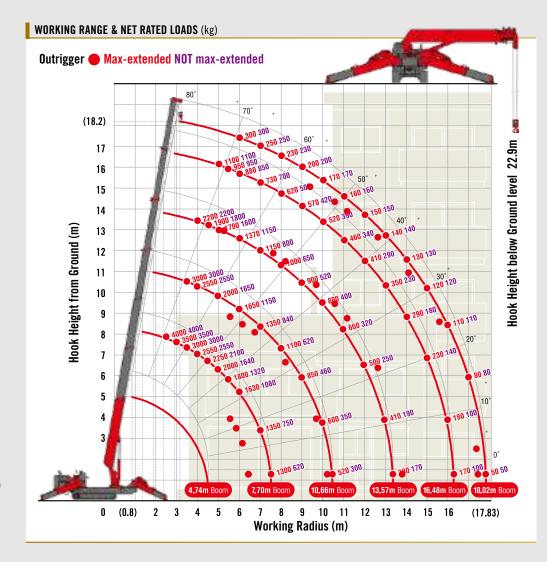
OUTRIGGER POSITIONS

Outrigger Max-extended

\*Only for safe load indicator model Outrigger Mid-extended

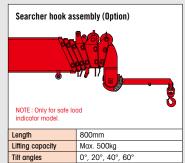


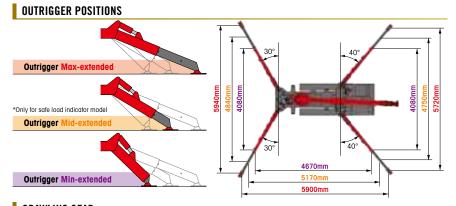
Crane model		URW547C4	
		A (Standard)	E-1(Safe load indicator)
Lifting capacity		Max. 4.051	t at 2.5m
Working radius		Min. 0.8m, Max. 17.83m	
Hook height (Approx.)	Above ground level	Max. 18	8.2m
nook lielgili (Applox.)	Below ground level	Max. 22.9m (wi	ith 4-part line)
	Length	Min. 3.99m to I	Max. 18.02m
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	<b>56 m/min (at 5th layer)</b> [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	
Clausia	Range	360° continuous rotation	on a ball bearing race
Slewing	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 pro	Туре	Variable delivery piston pump	
	Rated pressure	For crawling: 21.6 MPa {220 kgf/cm²} For crane: 20.6 MPa {210 kgf/cm²}	
Hydraulic oil tank capacity 75 liters		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 le 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 / pad meter* / Automatic stop for overloading* /



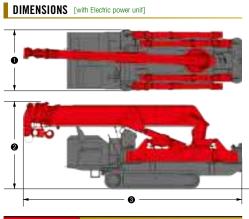








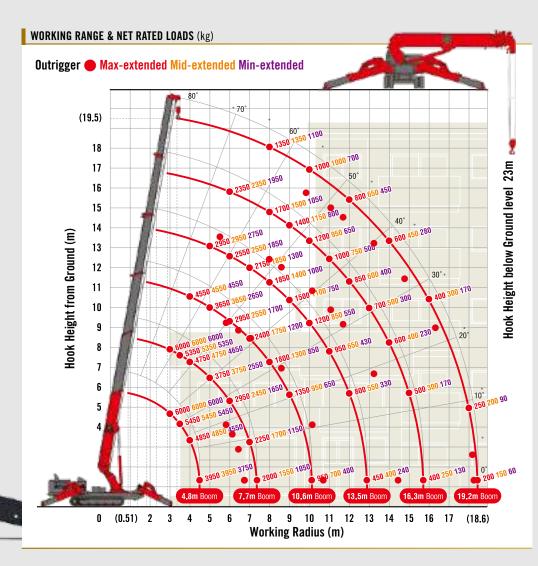
CRAWLING GEAR [with Electric power unit]		
Crane model	URW547C4	
Crawling speed	<b>0~3 km/h, forward / backward</b> [50Hz] <b>0~1.3 km/h</b> [60Hz] <b>0~1.5 km/h</b>	
Hill climbing ability	23°	
Tread length $ imes$ width	1750mm × 300mm	
Ground contact pressure	<b>47.1 kPa {0.48 kgt/cm²}</b> 49.0 kPa {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	

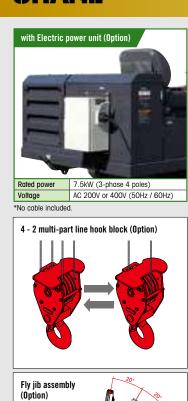


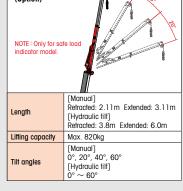
URW547C4
1380mm
1980mm
4950mm
<b>5070kg</b> [5220kg]



		URW7	706C4		
Crane model		A (Standard) E-1(Safe load indicator)			
Lifting capacity		Max. 6.0	Max. 6.05t at 3m		
Working radius		Min. 0.51m,	Min. 0.51m, Max. 18.6m		
Hook height (Approx.)	Above ground level	Max. 1	19.5m		
nook lielgili (Applox.)	Below ground level	Max. 23m (wi	ith 4-part line)		
	Length	Min. 4.8m to	Max. 19.2m		
Boom	Extending speed		14.4m/52 sec. 14.4m/52 sec. Hz] 14.4m/110 sec. [60Hz] 14.4m/90 sec.		
BOOTT	Raising angle / speed		)° / 16 sec. c. [60Hz] 0° to 80° / 37 sec.		
	Structure	6-section box beam to	ox 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 : 1	Omm x 111m / Breaking strength : 78.4kN {8000 kgf}		
	Hook block	6t capacity, 2 shear	ves with safety latch		
Slewina	Range	360° continuous rotatio	n on a ball bearing race		
siewing	Speed	2.5 rpm [50Hz]	[60Hz] 1.8 rpm		
Outriggers	Horizontal, Vertical	A double acting hydraulic cylinder, direct pushing type (I	Directly connected with hydraulic automatic lock device)		
Hydraulic pump	Туре	Variable deliver	ry piston pump		
Tyuruunc pump	Rated pressure	For crawling:24.5 MPa {250 kgf/cm²}	m²} For crane: 20.6 MPa {210 kgf/cm²}		
Hydraulic oil tank capa	city	125.7	125.7 liters		
Safety devices [with Safe load indicate	or]	Double pilot-operated check valves for outrigger cylinders (Vertical) / Boom angle indi Automatic stop for overwinding / Overwinding alarm / Automatic stop for leaving minm Level / Two colored lamp* / Headlig	elief valve for hydraulic circuit / Counterbalance valves for boom raising and boom felescoping cylinders / Pilot-operated check valves for outrigger cylinders (Horiza pilot-operated check valves for outrigger cylinders (Vertical) / Boom angle indicator with load indicator / Hook safety latch / Automatic mechanical brake for winn ic stop for overwinding / Overwinding alarm / Automatic stop for leaving minimum wire rope / Emergency stop button / Inter-lock device of crane and crawling level of the country of the		

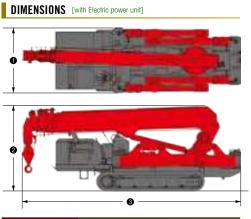




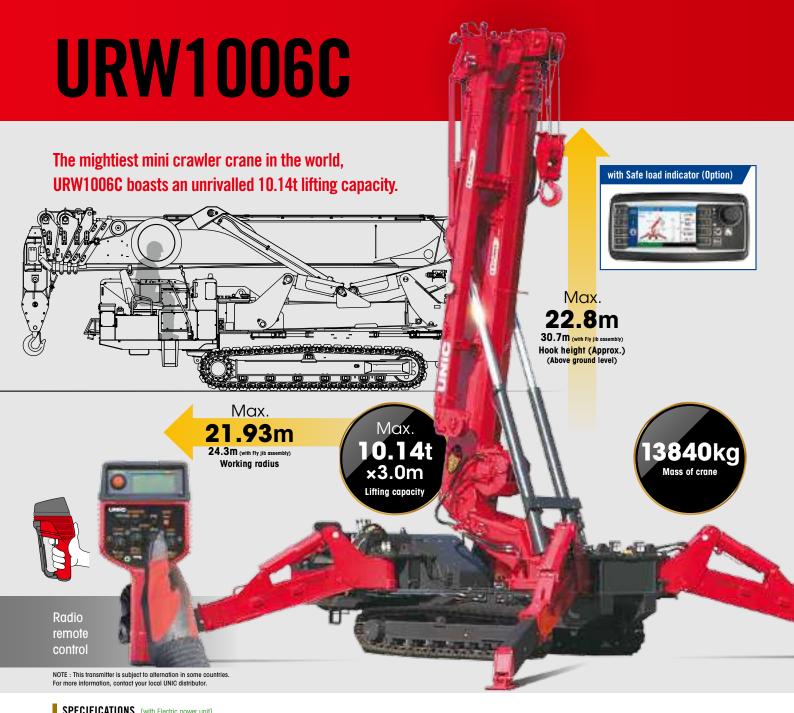


# Outrigger Mid-extended Outrigger Min-extended Outrigger Min-extended Second

CRAWLING GEAR [with Electric power unit]								
CRAWLING GEAR [W								
Crane model	URW706C4							
Crawling speed	<b>0~2.9 km/h, forward / backward</b> [50Hz] <b>0</b> ~1 km/h [60Hz] <b>0</b> ~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							

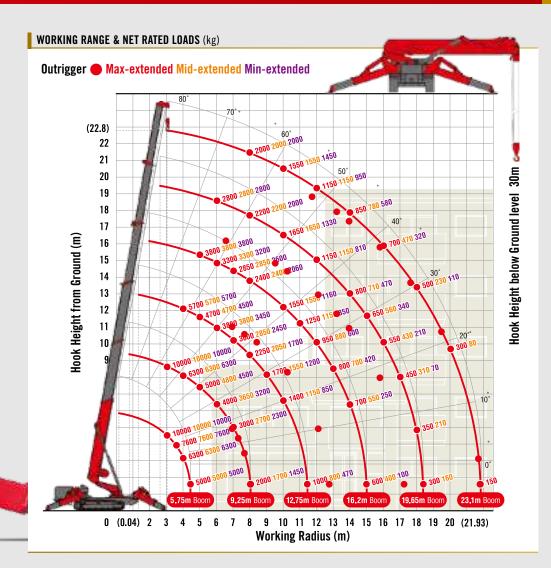


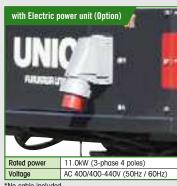
Crane model	URW706C4	
Total width	1670mm	
2 Total height	2190mm	
Total length	5610mm	
Mass of crane	<b>7990kg</b> [8140kg]	



31 LUII IUAIIUNS	[will Flecilic bower	uiiiij
crane model		

Crane model		URW1006C2E-1
Lifting capacity		Max. 10.14t at 3m : with Fly jib assembly Max. 1.05t at 9.7m (boom angle 70° and jib tilt angle 0°)
Working radius		Min. 0.04m, Mox. 21.93m : with Fly jib assembly Mox. 24.3m
Hook height (Approx.)	Above ground level	Max. 22.8m : with Fly jib assembly Max. 30.7m
HOOK HEIGHT (APPIOX.)	Below ground level	Max. 30m (with 4-part line) : Max. 128m (with 1-part line)
	Length	Min. 5.75m to Max. 23.1m
Boom	Extending speed	17.35m / 88 sec. [50Hz] 17.35m / 123 sec. [60Hz] 17.35m / 103 sec.
boom	Raising angle / speed	0° to 80° / 44 sec. [50Hz] 0° to 80° / 80 sec. [60Hz] 0° to 80° / 67 sec.
	Structure	6-section box beam type telescoping boom
	Single line speed	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)
Winch	Hook 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) [60Hz] 10.8 m/min (at 4th layer with 4-part line) [60Hz] 10.8 m/min (at 4th layer with 4-part line)
	Wire rope	Construction : XP IWRC 6 x WS(31) / Diameter x Length : 13mm x 140m / Breaking strength : 131kN {13400 kgr}
	Hook block	10t capacity, 3 sheaves with safety latch
Slewing	Range	360° continuous ratation on a ball bearing race
Siewilly	Speed	1.3 rpm [50Hz] [60Hz] 1.2 rpm
Outriggers	Horizontal, Vertical / Position	A double acting hydraulic cylinder, direct pushing type (Directly connected with hydraulic automatic lock device) / A double acting hydraulic cylinder with link system (Directly connected with hydraulic automatic lock device)
Under the more	Туре	Variable delivery piston pump
Hydraulic pump	Rated pressure	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}
Hydraulic oil tank capa	city	215 liters
Safety devices		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, 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 outriggers / Outrigger ground contact detector / Level / Safe load indicator / Three colored lamp / Headlight / Boom outrigger monitor lamp



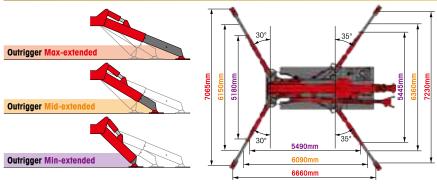


\*No cable included.





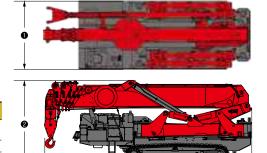
### OUTRIGGER POSITIONS



### CRAWLING GEAR [with Electric power unit]

Crane model	URW1006C2E-1				
Crawling speed	<b>0~2.6 km/h, forward / backward</b> [50Hz] <b>0~1.3 km/h</b> [60Hz] <b>0~1.5 km/h</b>				
Hill climbing ability	23°				
Tread length $ imes$ width	2515mm × 400mm				
Ground contact pressure	<b>67.3 kPa (0.69 kgt/cm²)</b> 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				

### DIMENSIONS [with Electric power unit]



Crane model	URW1006C2E-1		
Total width	2000mm		
2 Total height	2460mm		
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



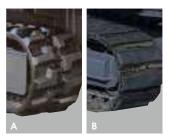
3 Automatic hook block stowing



4 Emergency stop button



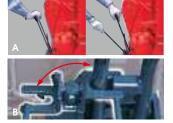
5 Level



6 Black crawler belt

**A** URW094C, URW295C, URW376C, URW546C, URW547C, URW706C

**B** URW1006C



Inter-lock device of crane and crawling levers

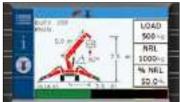
URW094C, URW295C URW376C, URW546C,URW547C,URW706C, URW1006C



8 Headlight



9 Safe load indicator (with outrigger ground contact detector)



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





IIRW295C

11 Load meter / Digital load meter

### **STANDARD EQUIPMENTS / OPTIONS** [ $\star$ Standard, ullet Factory-installed option, ullet Option, ullet Not available] IIRWN94C

Cra	ne model	UKWU946			UKW2906			
Ula	ile illouel	URW094CP2E	URW295CP2A	URW295CP2E-1	URW295C4A	URW295C4E-1	URW295CB2A(ECO	
Fuel		Petrol	P	etrol	Di	esel	Battery	
1	Radio remote control (A /B)	<b>★</b> (A)	★ (A)	★ (B)	★ (A)	★ (B)	<b>★</b> (A)	
2	Automatic stop for overwinding	*	*	*	*	*	*	
3	Automatic hook block stowing	*	*	*	*	*	*	
4	Emergency stop button	*	*	*	*	*	*	
5	Level	*	*	*	*	*	*	
6	Black crawler belt (A /B)	<b>★</b> (A)	★ (A)	★ (A)	★ (A)	<b>★</b> (A)	★ (A)	
7	Inter-lock device of crane and crawling levers	<b>★</b> (A)	★ (A)	★ (A)	★ (A)	<b>★</b> (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)	<del>-</del>	_	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



Automatic stop for leaving minimum wire rope



14 Three colored lamp / Two colored lamp A URW295C B URW376C, URW546C, URW547C, URW706C, URW1006C



15 Oil cooler





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



25 2-part line hook block

26 4-2 multi-part line hook block

	URW1006C	706C	URW	URW547C		URW546C		URW376C	
	URW1006C2E-1	URW706C4E-1	URW706C4A	URW547C4E-1	URW547C4A	URW546C4E-1	URW546C4A	URW376C4E-1	URW376C4A
	Diesel	esel	Die	sel	Die	esel	Die	sel	Die
1	★ (B)	★ (B)	★ (A)	★ (B)	★ (A)	★ (B)	<b>★</b> (A)	★ (B)	<b>★</b> (A)
2	*	*	*	*	*	*	*	*	*
3	*	*	*	*	*	*	*	*	*
4	*	*	*	*	*	*	*	*	*
5	*	*	*	*	*	*	*	*	*
6	<b>★</b> (B)	★ (A)	<b>★</b> (A)	<b>★</b> (A)	<b>★</b> (A)	<b>★</b> (A)	<b>★</b> (A)	★ (A)	<b>★</b> (A)
7	★ (B)	★ (B)	★ (B)	★ (B)	★ (B)	<b>★</b> (B)	<b>★</b> (B)	★ (B)	★ (B)
8	*	*	*	*	*	*	*	*	*
9	*	*	_	*	_	*	_	*	_
10	_	_	★ (ML-300)	_	★ (KM-100)	_	★ (KM-100)	_	★ (KM-100)
- 11	_	-	_	_	_	_	_	_	_
	_	-	_	_	*	-	*	_	*
12	_	-	_	_	_	_	_	_	_
13	*	*	*	*	*	*	*	*	*
14	*	*	_	*	*	*	*	*	*
	_	_	*	_		_		_	
15	*	*	*	*	*	•	•	•	•
16	_	0	_	_	_	0	_	0	_
	*	•	_	_	_	_	_	_	_
17	*	0	_	0	_	0	_	0	_
18	_	0	-	0	_	0	_	0	_
19	_	•	•	_	_	_		_	_
20	_	0	0	0	0	0	0	0	0
21		_		_		_		•	•
22	_	-	_	_		_	_	0	0
23	● 【URW1006C2EM-1】	● [URW706C4EM-1]	URW706C4AM]	URW547C4EM-1]	● 【URW547C4AM】	● 【URW546C4EM-1】	● 【URW546C4AM】	URW376C4EM-1]	● [URW376C4AM]
24	_	0	0	0	0	0	0	0	0
25	_	-	_	0	_	0	_	0	_
26	*	•	_	_	_	_	_	_	_



# FURUKAWA UNIC CORPORATION http://www.uniccrane-global.com/ Authorized **UNIC** distributor