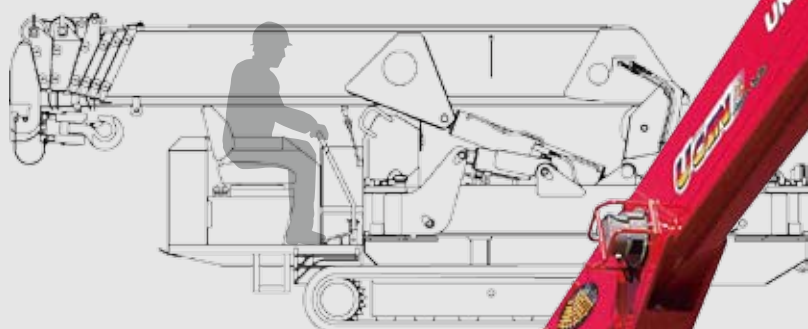


URW547C

URW547C provides maximum hook height of 18.2m with its seven section hydraulic boom.



with Safe load indicator (Option)



Max.
18.2m

Hook height (Approx.)
(Above ground level)

Max.
**4.05t
×2.5m**
Lifting capacity

Max.
17.83m
Working radius

5020kg
Mass of crane

Radio
remote
control

Photo: Standard model

SPECIFICATIONS [with Electric power unit]

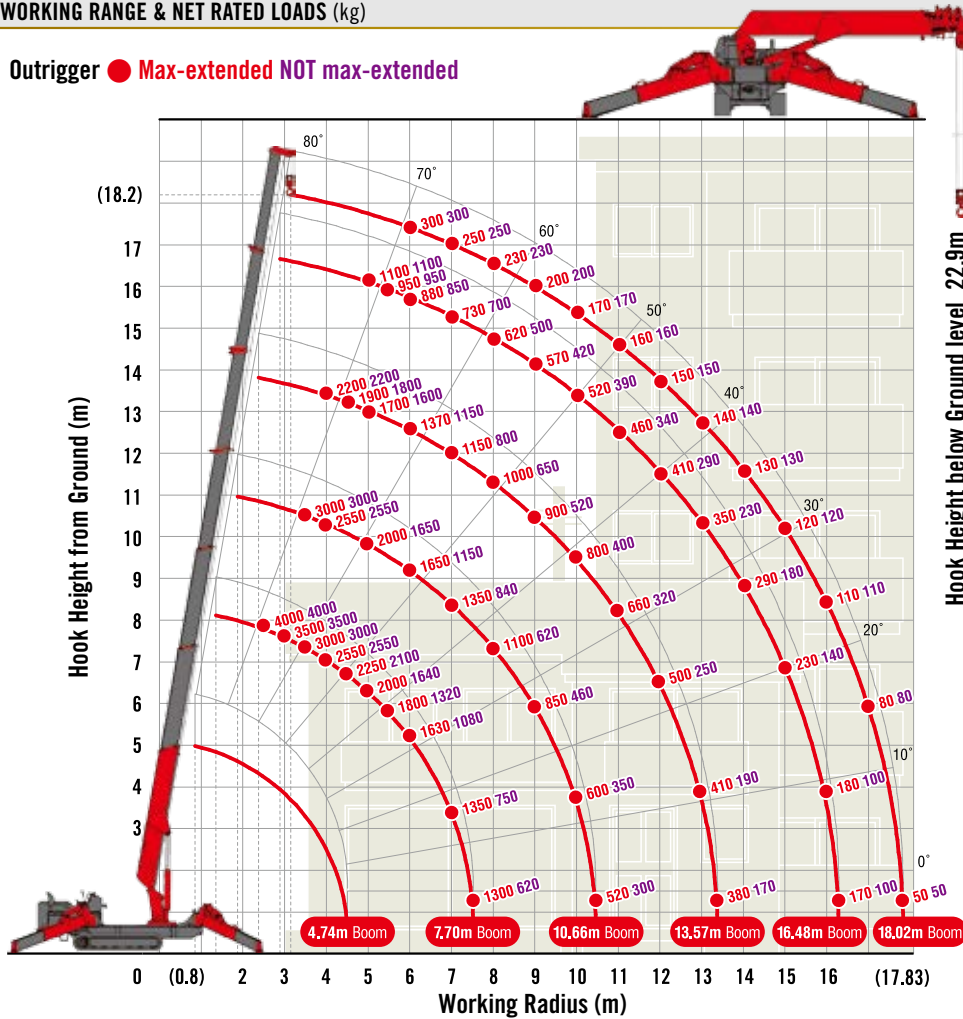
Crane model	URW547C4	
	A (Standard)	E-1(Safe load indicator)
Lifting capacity	Max. 4.05t at 2.5m	
Working radius	Min. 0.8m, Max. 17.83m	
Hook height (Approx.)	Above ground level	Max. 18.2m
	Below ground level	Max. 22.9m (with 4-part line)
Boom	Length	Min. 3.99m to Max. 18.02m
	Extending speed	14.03m / 35 sec. [50Hz] 14.03m / 57 sec. [60Hz] 14.03m / 48 sec.
	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
Winch	Single line speed	56 m/min (at 5th layer) [50Hz] 28 m/min (at 5th layer) [60Hz] 32.8 m/min (at 5th layer)
	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
Stewing	Range	360° continuous rotation on a ball bearing race
	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	Type	Variable delivery piston pump
	Rated pressure	For crawling: 21.6 MPa [220 kgf/cm ²] For crane: 20.6 MPa [210 kgf/cm ²]
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 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 alarm / Automatic stop for leaving minimum wire rope / Emergency stop button / Inter-lock device of crane and crawling levers / Level / Three colored lamp / Headlight / Digital load meter* / Automatic stop for overloading* / Safe load indicator / Inter-lock device of crane and outriggers / Outrigger ground contact detector	

* Only for standard model

MINI CRAWLER CRANE

WORKING RANGE & NET RATED LOADS (kg)

Outrigger ● Max-extended NOT max-extended



with Electric power unit (Option)



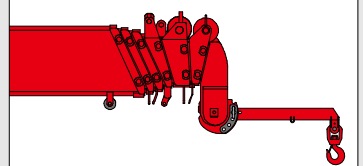
Rated power	7.5kW (3-phase 4 poles)
Voltage	AC 200V or 400V (50Hz / 60Hz)

*No cable included.

Three colored lamp



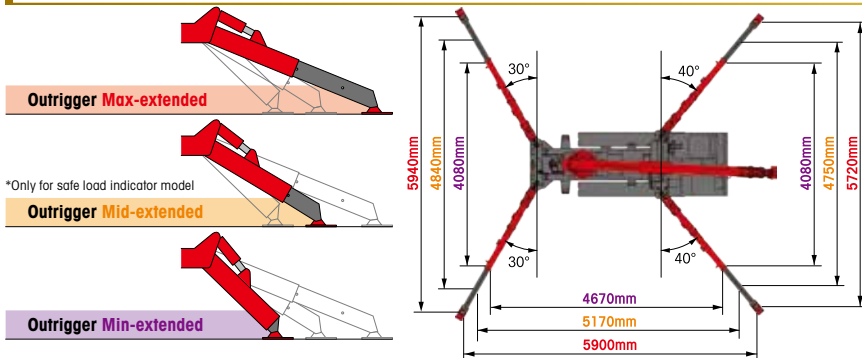
Searcher hook assembly (Option)



NOTE : Only for safe load indicator model.

Length	800mm
Lifting capacity	Max. 500kg
Tilt angles	0°, 20°, 40°, 60°

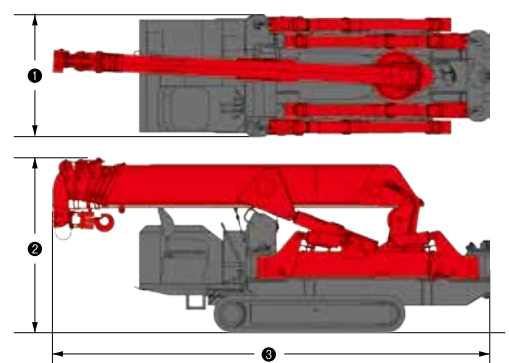
OUTRIGGER POSITIONS



CRAWLING GEAR [with Electric power unit]

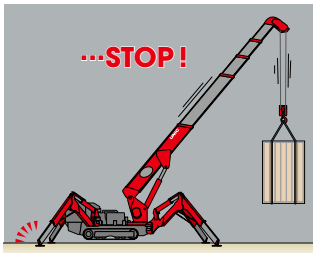
Crane model	URW547C4
Crawling speed	0~3 km/h, forward / backward [50Hz] 0~1.3 km/h [60Hz] 0~1.5 km/h
Hill climbing ability	23°
Tread length × width	1750mm × 300mm
Ground contact pressure	47.1 kPa [0.48 kgf/cm ²] 49.0 kPa [0.50 kgf/cm ²]
Engine manufacturer / model	Yanmar / 3TNV80F
Displacement	1266cc
Maximum output	15.2kW(20.7PS) / 2500 rpm, Rated output
Fuel	Diesel
Fuel tank capacity	40 liters
Steering	Hydraulic drive independent of left / right

DIMENSIONS [with Electric power unit]



Crane model	URW547C4
① Total width	1380mm
② Total height	1980mm
③ Total length	4950mm
Mass of crane	5070kg [5220kg]

MINI CRAWLER CRANE



12 Turn over prevention device



13 Automatic stop for leaving minimum wire rope



A



B

14 Three colored lamp / Two colored lamp

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



15 Oil cooler



16 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

URW376C		URW546C		URW547C		URW706C		URW1006C	
URW376C4A	URW376C4E-1	URW546C4A	URW546C4E-1	URW547C4A	URW547C4E-1	URW706C4A	URW706C4E-1	URW1006C2E-1	
Diesel		Diesel		Diesel		Diesel		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
★	—	★	—	★	—	—	—	—	12
—	—	—	—	—	—	—	—	—	13
★	★	★	★	★	★	★	★	★	14
—	—	—	—	—	—	★	—	—	15
●	●	●	●	★	★	★	★	★	16
—	○	—	○	—	—	—	○	—	17
—	—	—	—	—	—	—	●	★	18
—	—	—	—	—	—	—	—	—	19
○	○	○	○	○	○	○	○	—	20
●	●	—	—	—	—	—	—	—	21
○	○	—	—	—	—	—	—	—	22
●	●	●	●	●	●	●	●	●	23
[URW376C4AM]	[URW376C4EM-1]	[URW546C4AM]	[URW546C4EM-1]	[URW547C4AM]	[URW547C4EM-1]	[URW706C4AM]	[URW706C4EM-1]	[URW1006C2EM-1]	24
○	○	○	○	○	○	○	○	—	25
—	—	—	—	—	—	—	●	★	26