

SC 300 SPIDER CRANE

Max lifting height 9.5m

Working radius 8.83m

Capacity 2.95t×1.4m

Weight 2350kg



Crane Specifications

Crane capacity	Capacity	2.95t×1.4m
Max working radius	Max	8.83m×0.15t
Ground lifting height		9.50m×0.70t
Underground lifting height		10m-4 fall 20m-2 fall 40m-1 fall
Winch device	Hook speed	0-8m/min (4 fall)
	Rope type	Ø8mm×45m
Telescopic system	Boom form	4(5) section boom, hexagonal box construction
	Boom length/Time	3.1m-9.2m/20sec
Up and downs	Boom angle/Time	0-80°/13sec
Slew system	Slew angle/Speed	0-360° (continuous)/60sec
Outrigger	Outrigger active form	Manual+Hydraulic
	Maximum extended dimensions (mm)	4220(Length)×3700(Front) × 4100(Back)
Traction system	Walking way	Hydraulic motor drive, 2 speed
	Walking speed	0-2.5km/h
	Grade ability	20°(36%)
	Ground length × width	1150mm×230 mm
Electric motor	Ground pressure	42kpa (0.43kgf/cm²)
	Voltage	AC380V (Optional)
	Power/Speed	4kw/1440 min-1
	Sound level	Rated speed ≤75dB (A) (1m)
Diesel engine	Model	3TNV74F (YANMAR)
	Type/Displacement	3 Cylinder water cooled/0.993L
	Rated output	11.2kw/2400 min-1
	Starting method	Electric
	Operating temperature	-5°C~40°C
	Fuel/Volume	Diesel/18L
	Battery capacity	12v 45AH
	Specific fuel consumption	84g/kW-h
	Sound Level	Rated speed ≤82.5dB (A) (1m)
	Applied regulation /Altitude	EPA-Tier4, EC stage V/1200m
Operate system	Type of operation	Wireless remote control and manual operation
	Operating characteristic	Full proportional control
Dimension	L × W × H	3500mm×900mm×1610mm
Weight	Without optional equipment	2350kg
Standard configuration	Diesel engine, Electric motor, Radio remote control, Searcher hook, Black rubber track Intelligent display screen, Moment limiter, Over hoist alarm and automatic stop device, Three-winding alarm and automatic stop device, Automatic hook stow, Outrigger position detector device, Outrigger off the ground alarm and automatic stop device, Slinging rope detachment protector, EMO switch, Three color lamp, Remote control lamp, Voice prompt, Walking/Outrigger/Boom three-mode interlock system, Data records	
Optional configuration	Glass suction, White rubber track, Manual fly jib, Hydraulic fly jib, Single-man basket, Outrigger pads	

SC 300 CRANE

The SC 300 Mini Crawler Crane (Spider Crane) is a compact yet powerful lifting solution with a maximum capacity of 2.95 tons at 1.4m and a maximum lifting height of 9.5m. With a working radius of 8.83m, it combines intelligent design, safety, and durability. Weighing only 2550kg, it is ideal for projects requiring precision lifting in confined or challenging spaces

Remotes



Standard radio remote control

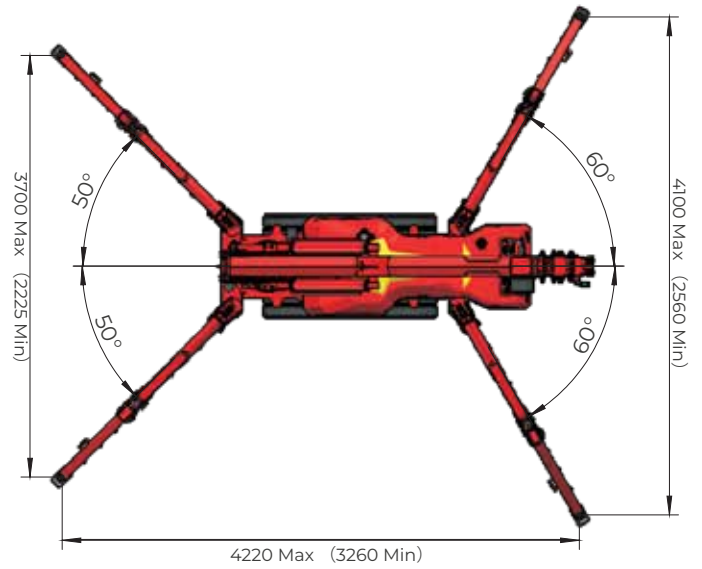
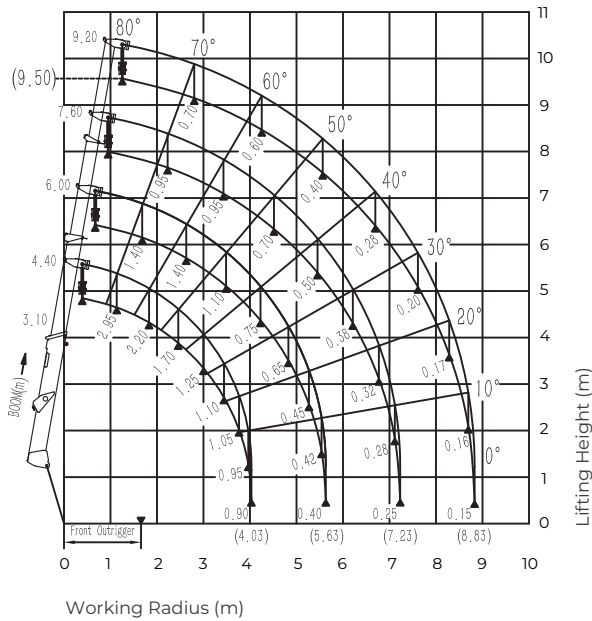
2.95t

Safe Working Load

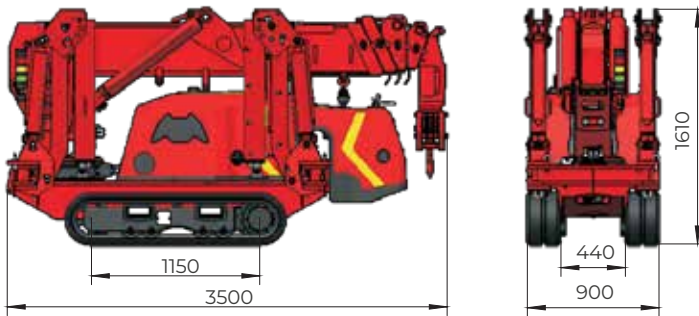
SPIDER PLUS

Rated Loads & Outrigger Positions

Working Range Diagram



Dimensions



Total rated load Outriggers at Maximum position(4fall)

3.10/4.40boom		6.00 boom		7.60 boom		9.20boom	
Working radius (m)	Total ratedload (t)	Working radius (m)	Total ratedload (t)	Working radius (m)	Total ratedload (t)	Working radius (m)	Total ratedload (t)
<1.40	2.95	<2.80	1.40	<3.50	0.95	<4.00	0.70
1.50	2.80	3.00	1.30	4.00	0.80	4.50	0.60
2.00	2.10	3.50	1.10	4.50	0.70	5.00	0.50
2.50	1.70	4.00	0.85	5.00	0.55	5.50	0.40
3.00	1.30	4.50	0.70	5.50	0.50	6.00	0.35
3.50	1.10	5.00	0.55	6.00	0.40	6.50	0.30
4.03	0.90	5.63	0.40	6.50	0.35	7.00	0.25
				7.23	0.25	7.50	0.20
						8.00	0.20
						8.83	0.15