

SC300



Features

- * 9.5m Max Working Height
- * 2.95 Ton Max Capacity
- * Slim Body Width(850mm)
- * Dual Power
(Diesel Engine and Electric Motor)
- * Safe Load Moment Limiter
- * Intelligent Display Screen
- * Proportional Remote Control
- * Crane/Outrigger Interlock System
- * Outrigger Position Detector Device
- * Tilt Sensor/Alarm
- * Automatic Hook Stow
- * Weight 2250kg
- * Two Years Warranty

2.95t

Safe Working Load

SPIDER PLUS

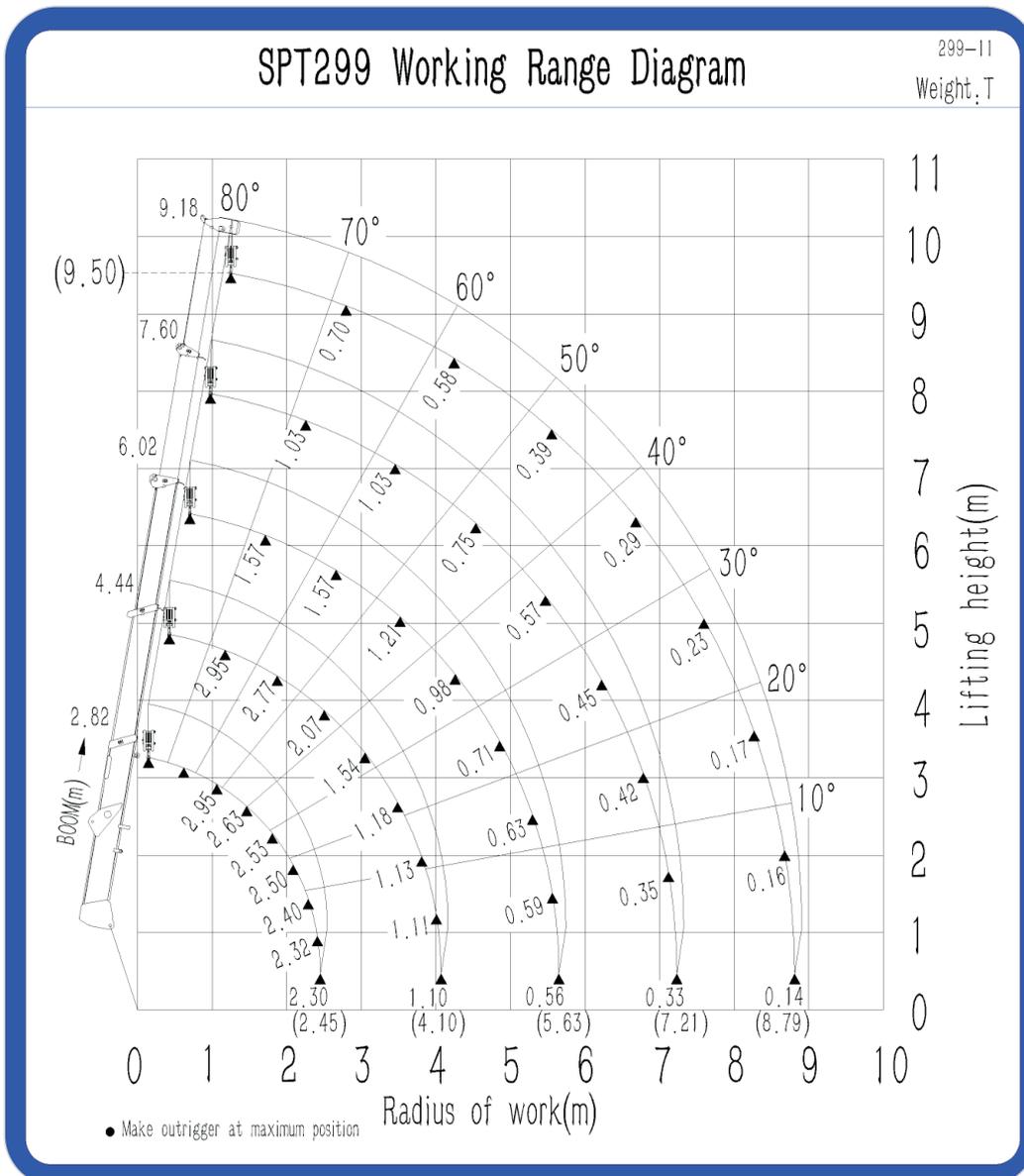


Intelligent Display Screen



Proportional Wireless Remote Control

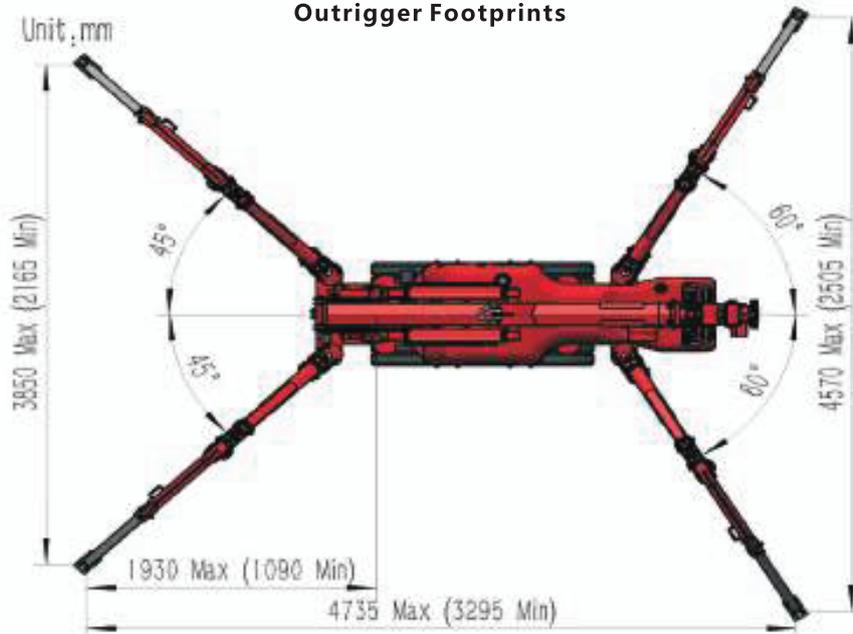
Working Range Diagram Without Fly Jib



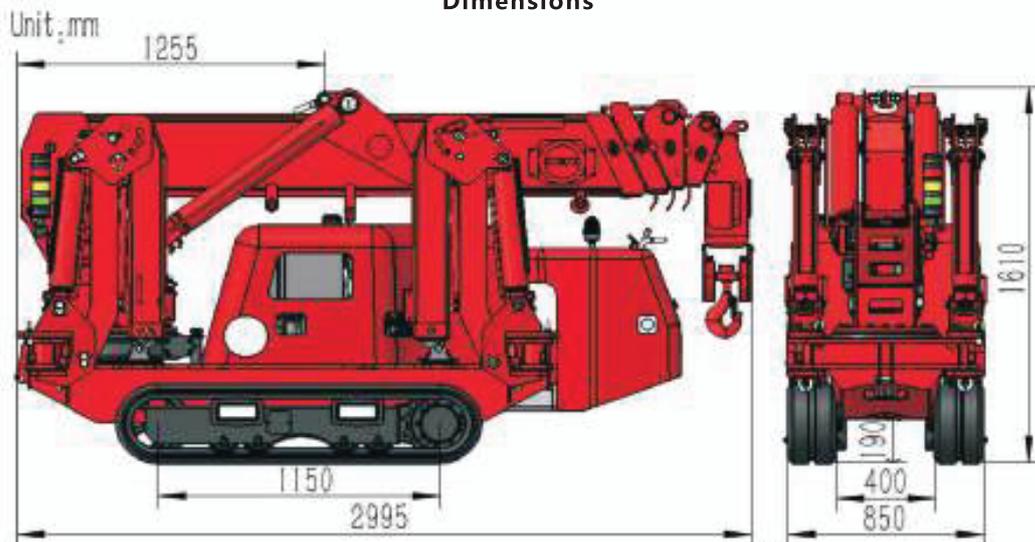
2.95t

Safe Working Load

Outrigger Footprints



Dimensions



Total rated load Outriggers at Maximum position (4fall)							
2.82/4.44 BOOM		6.02 BOOM		7.60 BOOM		9.18 BOOM	
Working radius(m)	Total rated load(t)	Working radius(m)	Total rated load(t)	Working radius(m)	Total rated load(t)	Working radius(m)	Total rated load(t)
<1.30	2.95	<2.90	1.57	<3.60	1.03	<4.00	0.70
1.50	2.61	3.00	1.52	4.00	0.90	4.50	0.55
2.00	2.50	3.50	1.15	4.50	0.72	5.00	0.42
2.50	2.30	4.00	0.97	5.00	0.60	5.50	0.38
3.00	1.84	4.50	0.76	5.50	0.54	6.00	0.34
3.50	1.30	5.00	0.67	6.00	0.46	6.50	0.29
4.00	1.10	5.63	0.56	6.50	0.40	7.00	0.25
				7.21	0.33	7.50	0.23
						8.00	0.19
						8.79	0.14

Total rated load Outriggers at any other position (4fall)							
2.82/4.44 BOOM		6.02 BOOM		7.60 BOOM		9.18 BOOM	
Working radius(m)	Total rated load(t)	Working radius(m)	Total rated load(t)	Working radius(m)	Total rated load(t)	Working radius(m)	Total rated load(t)
<1.30	1.80	<2.90	0.63	<3.60	0.50	<4.00	0.40
1.50	1.56	3.00	0.62	4.00	0.40	4.50	0.34
2.00	1.28	3.50	0.50	4.50	0.34	5.00	0.28
2.50	0.80	4.00	0.40	5.00	0.28	5.50	0.22
3.00	0.62	4.50	0.34	5.50	0.22	6.00	0.19
3.50	0.50	5.00	0.28	6.00	0.19	6.50	0.16
4.00	0.40	5.63	0.21	6.50	0.16	7.00	0.12
				7.21	0.12	7.50	0.10
						8.00	0.09
						8.79	0.06

2.95t

Safe Working Load

SPIDER PLUS

Specifications

Model	SC300	
Capacity	2.95t×1.3m	
Working radius	8.79m×0.14t	
Ground lifting height	9.5m×0.7t	
Underground lifting height	10m×1t(4 fall) 20m×1t(2 fall) 40m×0.74t(1 fall)	
Winch device	Hook speed	0-8m/min (4 fall)
	Rope type	φ8mm×50m(Minimum breaking force 60.6KN 2160N/mm ²)
Telescopic system	Boom form	5 section boom, hexagonal box construction
	Boom length/Time	2.82m-9.18m/20sec
Up and downs	Boom angle/Time	0-70°/13sec
Slew system	Slew angle/Speed	0-360°(continuous)/ 60sec
Outrigger	Outrigger active form	Manual+Hydraulic
	Maximum extended dimensions (mm)	4735(Length)X3850(Front)X4570(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
	Ground pressure	42kpa(0.43 kgf/cm ²)
Electric motor	Voltage	AC380V(Optional)
	Power/Speed	4kw/1440 min-1
	Sound level	Rated speed ≤ 60dB(A) (1m)
Diesel engine	Model	2TNV70 (YANMAR)
	Type/Displacement	2 cylinder water cooled/0.57L
	Rated output	7.5kw/2400 min-1
	Starting method	Electric
	Operating temperature	-5°C~40°C
	Fuel/Volume	Diesel/12L
	Battery capacity	12v 45AH
	Specific fuel consumption	284g/kW-h
	Sound Level	Rated speed ≤ 80.5dB(A) (1m)
Operate system	Type of operation (crane, walk, leg, accelerator)	Wireless remote control and manual operation
	Operating characteristic	Full proportional control and linkage control
Dimension	Length×Width×Height	2995mm×850mm×1610mm
Weight	(Without optional equipment)	2250kg
Standard equipment	Diesel engine and motor (Dual power), Manual and wireless proportional remote (Dual operation mode), Intelligent display screen, Moment limiter, Over hoist alarm and automatic stop device, Three winding alarm and automatic stop device, Automatic hook stop, Outrigger position detector device, Outrigger off ground (or crane body 3-degree inclination) alarm and automatic stop device, Slings rope detachment protector, EMO switch, Three color lamp, Remote control lamp, Voice prompt, Walking/Outrigger/Boom three-mode interlock system, Data records	
Optional equipment	Searcher hook (0.6t), Flyjib(0.7t), Single fall hook, Outrigger Pads, Man basket	