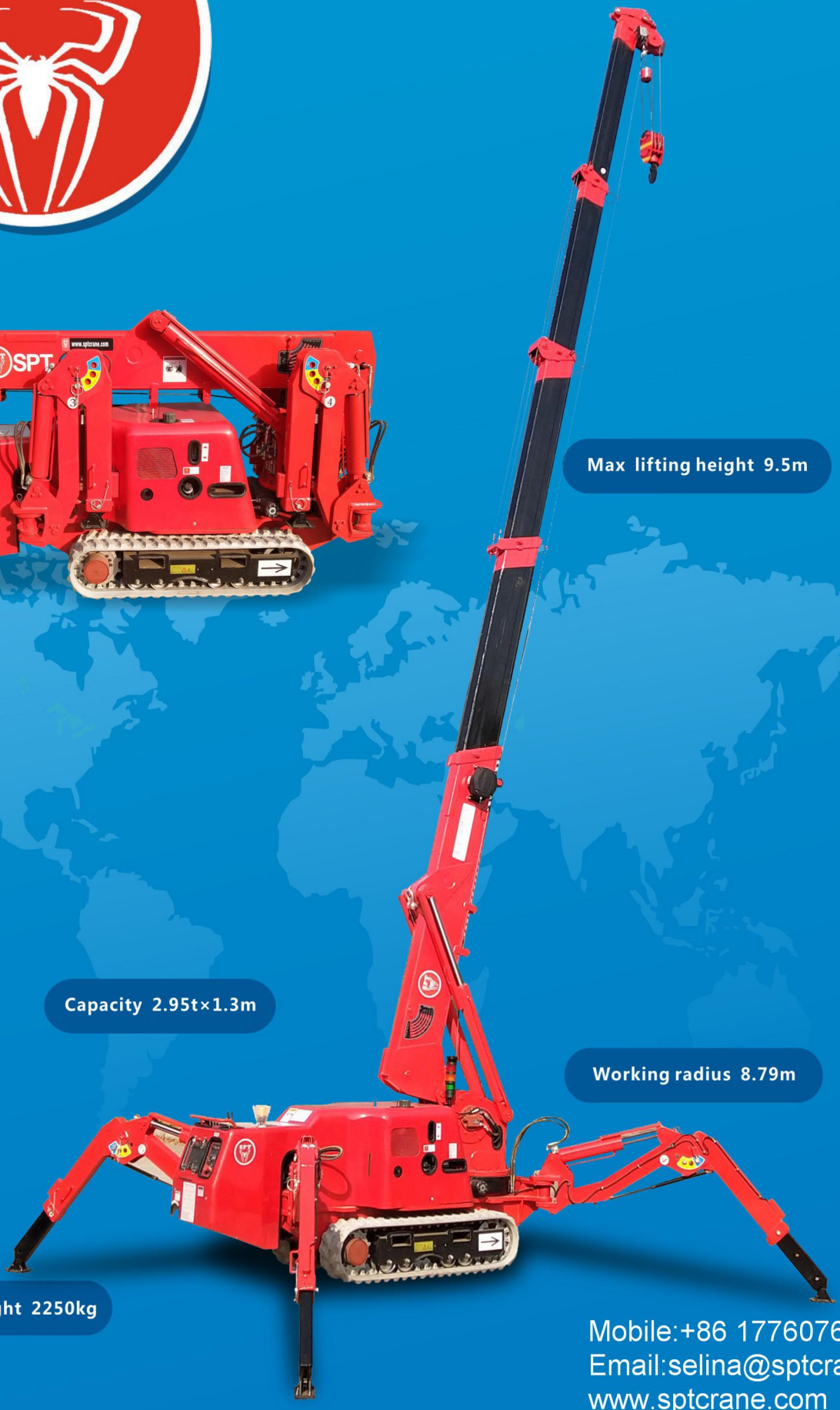
SPT299



Max lifting height 9.5m

Capacity 2.95t×1.3m

Working radius 8.79m

Weight 2250kg

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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

The SPT mini crawler cranes have nice functions, especially safety functions, to ensure the working 100% safety. SPT company provide different models of mini crawler cranes.

The first mission of SPT company is to provide nice solutions to difficult working situations and truly ensure the safety of workers.

SPT series of products took the lead two-years warranty after-sale service system, is entirely based on the product quality trust and be responsible for all of our customers.

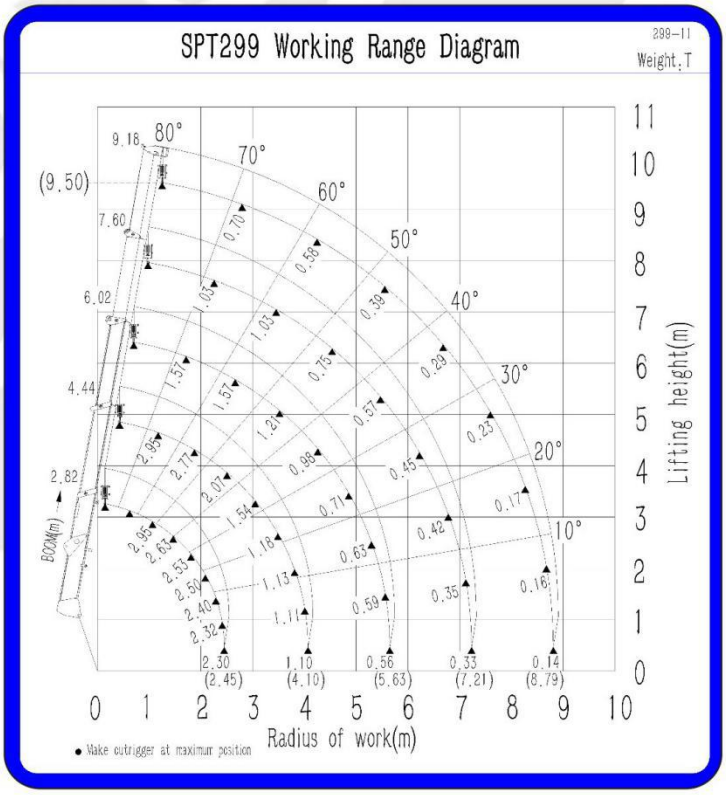
We believe SPT series of mini crawler cranes will be the first choice of you and your customers.

Hope we can work together to create a better future.

Intelligent Display Screen

Proportional Wireless Remote Control

Working Range Diagram Without Fly Jib



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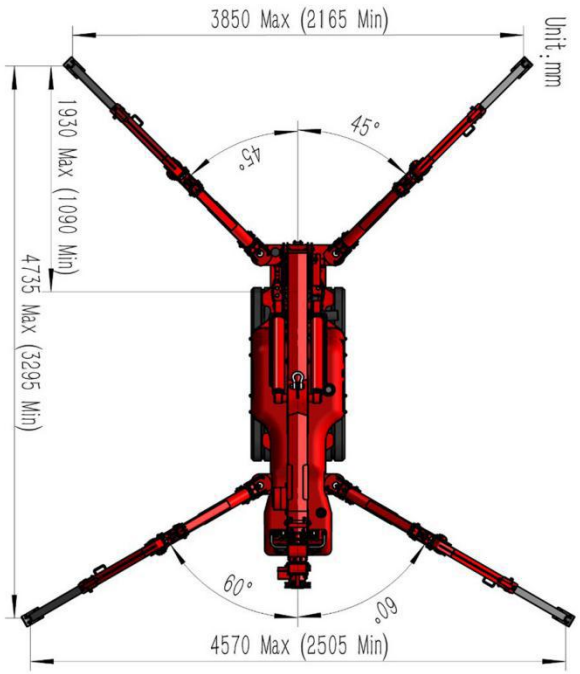
Outrigger Footprints



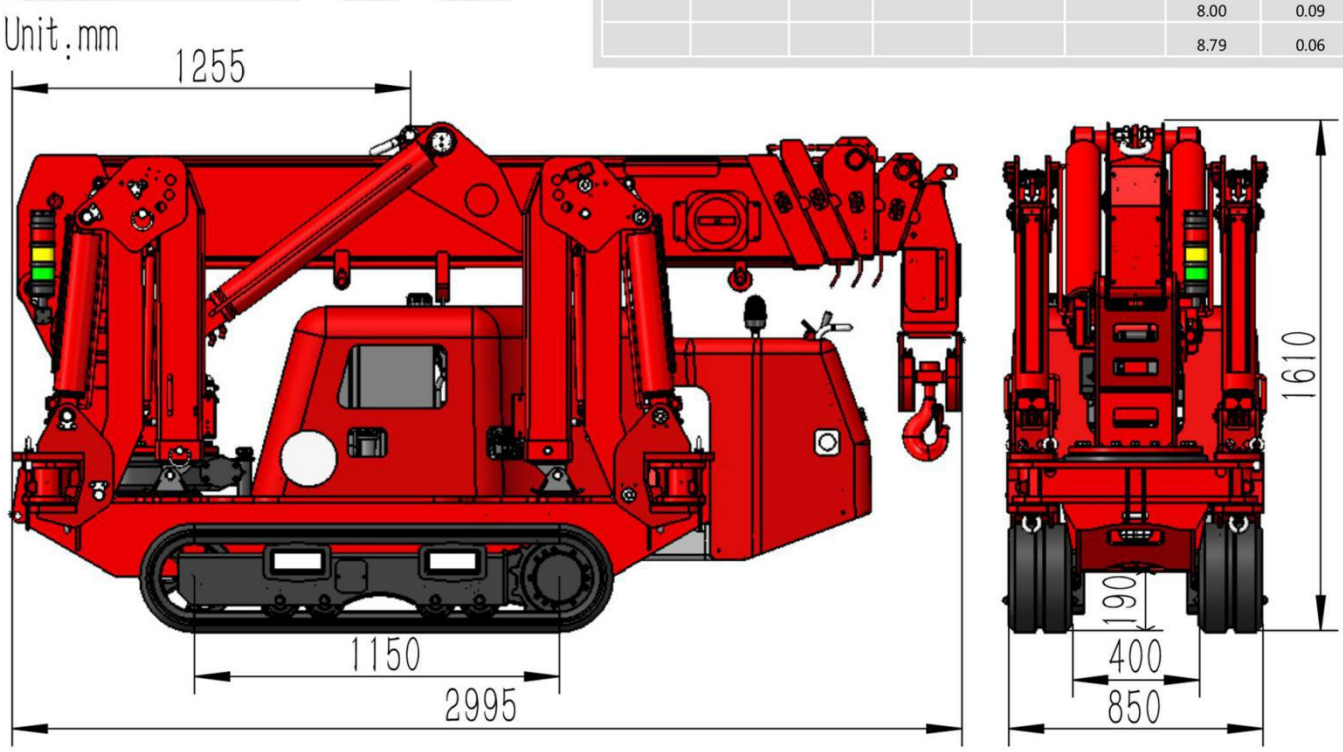
Total rated load Outriggers at Maximum position (4fall)

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

Dimensions



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Specifications

Model		SPT299
Capacity		2.95t×1.3m
Working radius		8.79m×0.14t
Ground lifting height		9.5mX0.7t
Underground lifting height		10mX1t(4 fall) 20mX1t(2 fall) 40mX0.74t(1 fall)
Winch device	Hook speed	0-8m/min (4 fall)
	Rope type	Φ8mm×50m (Minimum breaking force 60.6KN 2160N/mm2)
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/cm2)
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)
	Applied regulation	EPA-Tier2 , China phase 3
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 stow、Outrigger position detector device、Outrigger off ground (or crane body 3-degree inclination)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 equipment	Searcher hook (0.6t) 、Fly jib(0.7t)、Single fall hook、Outrigger Pads、Man basket	