

SPT399

LIFT24[®]
EXCLUSIVE DISTRIBUTOR IN EUROPE



HENANS PTMACHINERY
EQUIPMENT CO., LTD.

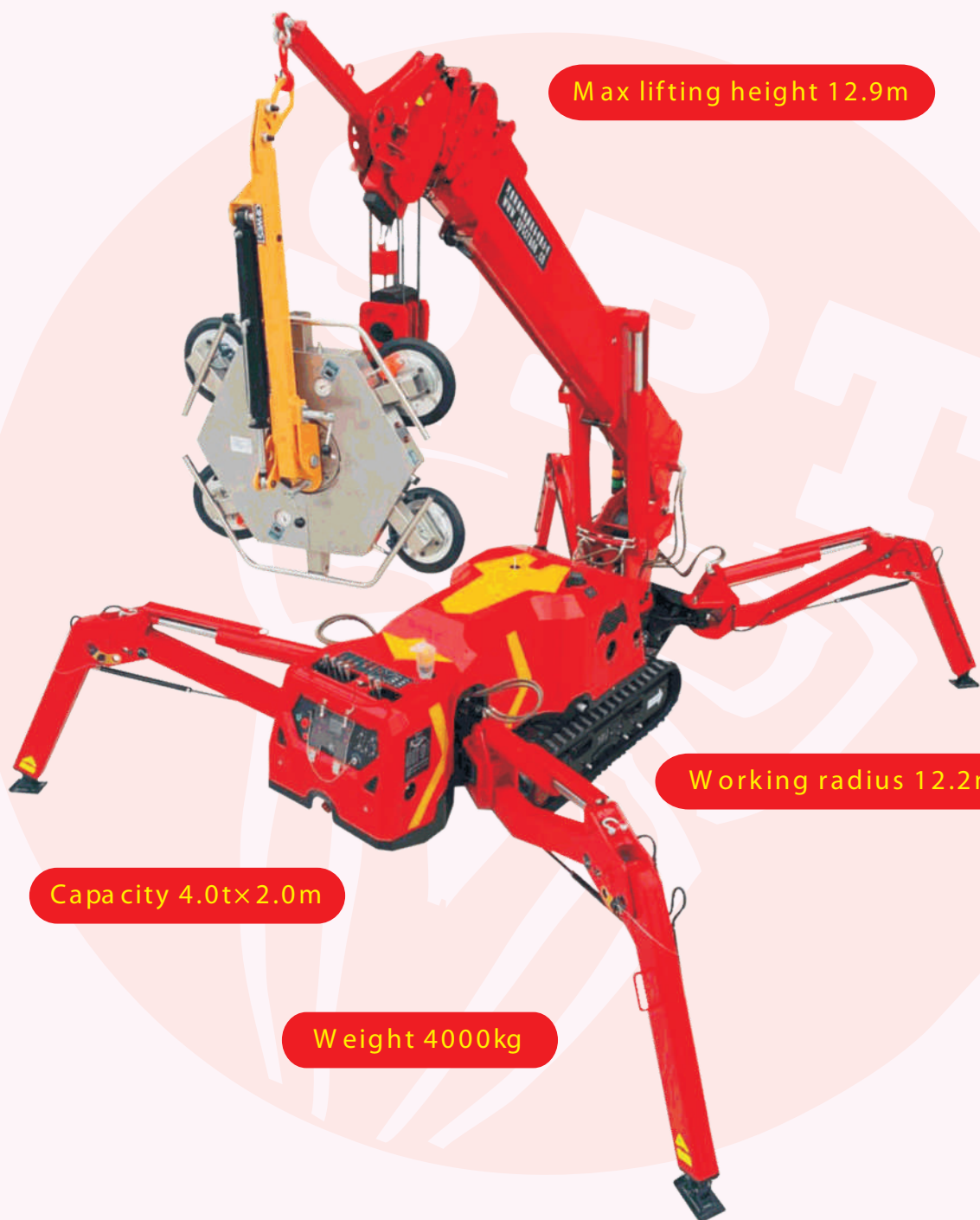
Mini Crawler Crane (Spider Crane)

SPT Brand Spider Crane - Benchmarking
the World's Highest Standard

Intelligent, safe and more durable

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Max lifting height 12.9m

Working radius 12.2m

Capacity 4.0t×2.0m

Weight 4000kg

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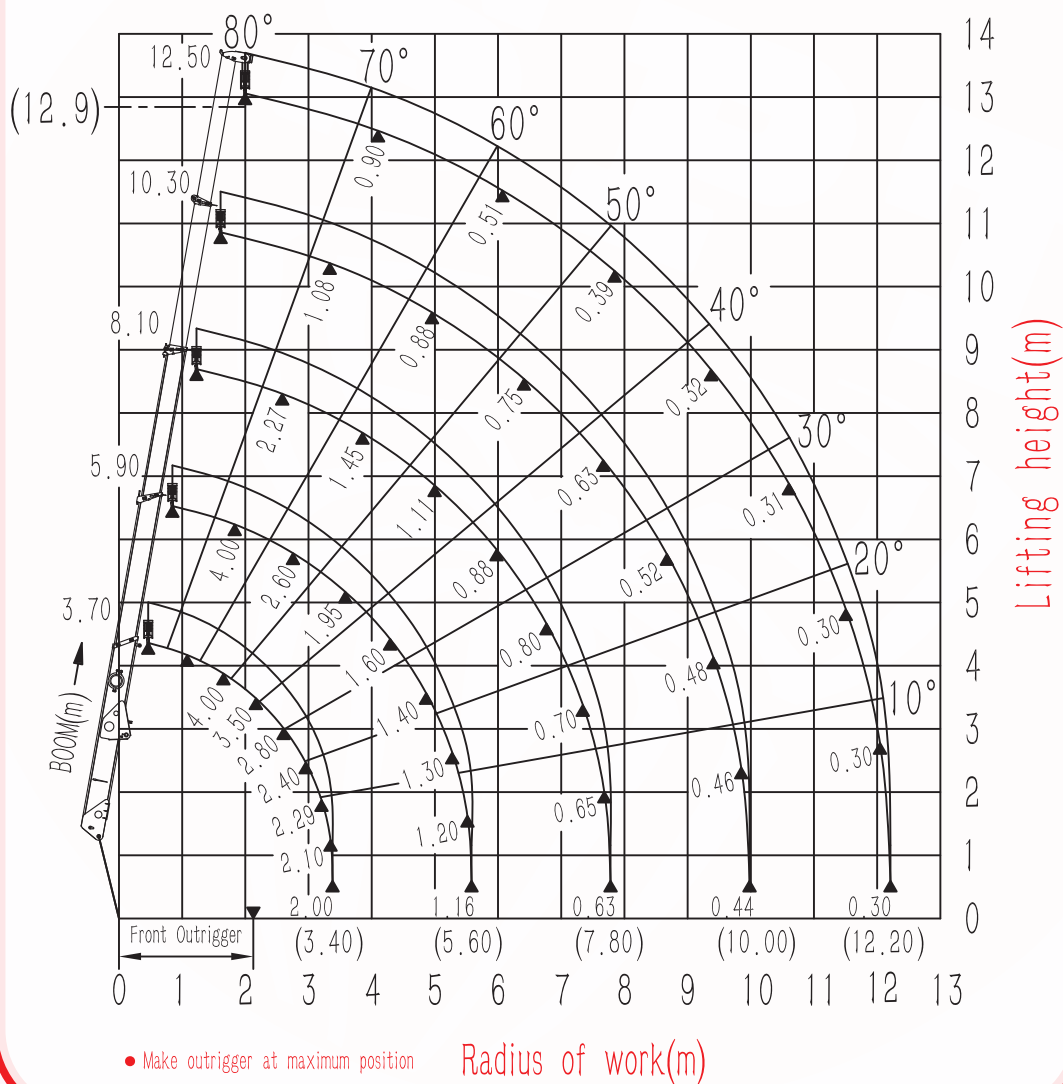
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Working Range Diagram Without Fly Jib

SPT399 Working Range Diagram

399-11
Weight: T

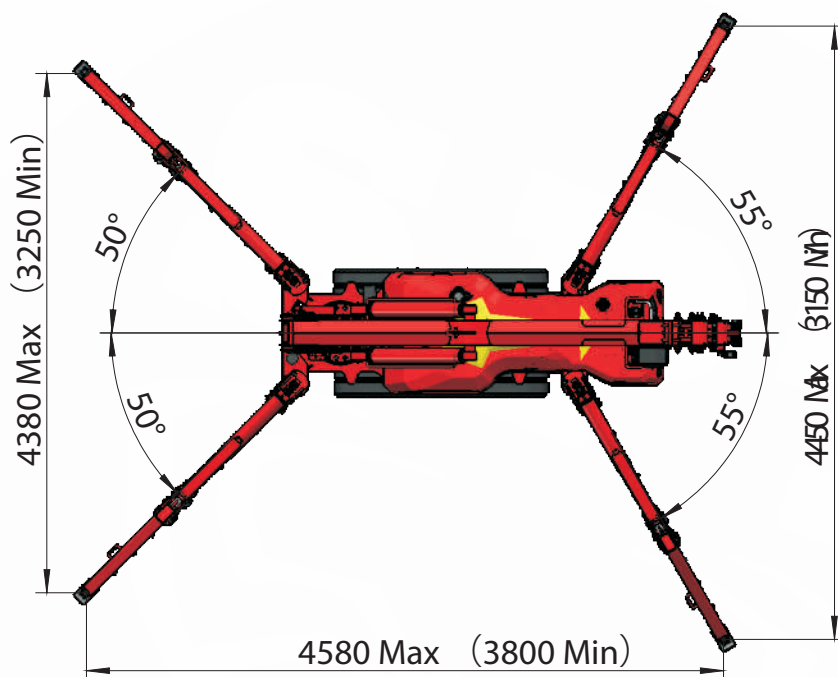


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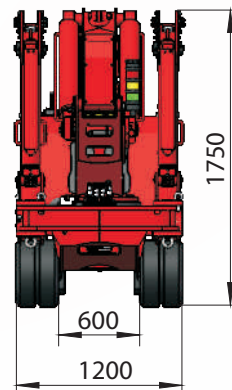
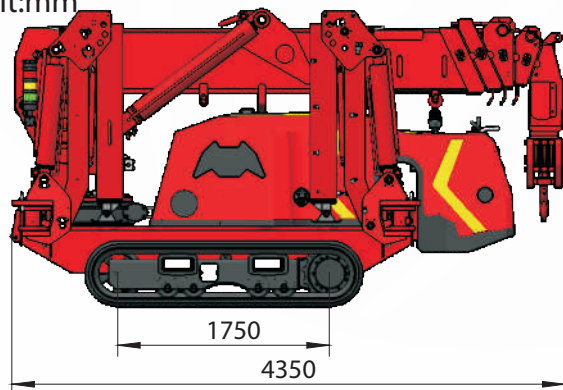


Outrigger Footprints



Dimensions

Unit:mm



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Specifications

Model		SPT399
Capacity		4.0t×2.0m
Working radius		12.2m×0.30t
Ground lifting height		12.9m×0.90t
Underground lifting height		16m-4fall 32m-2fall 64m-1fall
Winch device	Hook speed	0-10m/min (4 fall)
	Rope type	Φ8mm×72m
Telescopic system	Boom form	5 section boom, hexagonal box construction
	Boom length /Time	3.7m-12.5m /35sec
Up and downs	Boom angle /Time	0-80°/15sec
Slew system	Slew angle /Speed	0-360° (continuous) /60sec
Outrigger	Outrigger active form	Manual + Hydraulic
	Maximum extended dimensions (mm)	4580 (Length) X4380 (Front) X4450 (Back)
Traction system	Walking way	Hydraulic motor drive、 2 speed
	Walking speed	0-2.5km /h
	Grade ability	20° (36%)
	Ground length×width	1750mm×300 mm
	Ground pressure	38.5kpa (0.39kgf/cm ²)
Electric motor	Voltage	AC380V (Optional)
	Power/Speed	5.5kw/1440 min-1
	Sound level	Rated speed ≤75dB (A) (1m)
Diesel engine	Model	3TNV80F (YANMAR)
	Type/Displacement	3 Cylinder water cooled /1.266L
	Rated output	14.6kw/2400 min-1
	Starting method	Electric
	Operating temperature	-5°C~40°C
	Fuel /Volume	Diesel/40L
	Battery capacity	12v 45AH
	Specific fuel consumption	272g/kW-h
	Sound Level	Rated speed ≤84dB (A) (1m)
	Applied regulation/Altitude	EPA-Tier4, EC stage V/1200m
Operate system	Type of operation	Wireless remote control and Dual axis joystick controller
	Operating characteristic	Full proportional control
Dimension	Length×Width×Height	4350mm×1200mm×1750mm
Weight	(Without optional equipment)	4000kg
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, Sliding rope detachment protector, EMO switch, Three color lamp, Remote control lamp, Voice prompt, Walking/Outrigger/Boom three- mode interlocksystem, Data records	
Optional configuration	Glass suction, White rubber track, Manual fly jib, Hydraulic fly jib, Single-man basket, Outrigger pads	

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■ Total rated load Outriggers at Maximum position(4fall)

3.70/5.90boom		8.10 boom		10.30 boom		12.50 boom	
Working radius (m)	Total ratedload (t)	Working radius (m)	Total ratedload (t)	Working radius (m)	Total ratedload (t)	Working radius (m)	Total ratedload (t)
<2.00	4.00	<2.70	2.27	<4.00	1.08	<4.50	0.90
2.20	3.50	3.00	2.12	4.50	0.98	5.00	0.70
2.50	2.95	3.50	1.68	5.00	0.88	5.50	0.59
3.00	2.39	4.00	1.44	5.50	0.83	6.00	0.52
3.50	1.99	4.50	1.26	6.00	0.77	6.50	0.47
4.00	1.71	5.00	1.11	6.50	0.72	7.00	0.43
4.50	1.49	5.50	0.99	7.00	0.67	8.00	0.38
5.00	1.34	6.00	0.88	8.00	0.57	9.00	0.34
5.60	1.16	7.00	0.73	9.00	0.50	10.00	0.32
		7.80	0.63	10.00	0.44	11.00	0.28
						12.20	0.26