



PRODUCT NAME

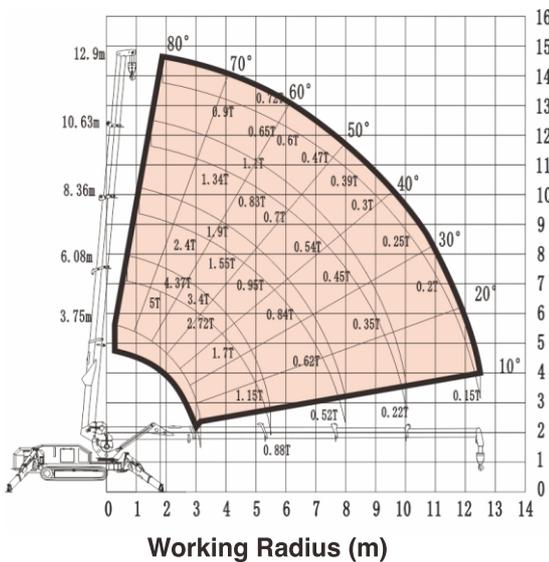
GSC50



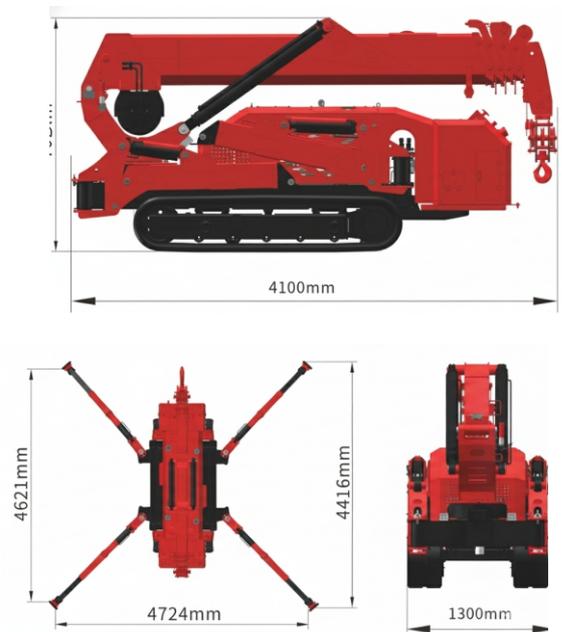
Features

1. Load Moment Limiter(LMI): Real-time load monitoring to prevent over loading.
2. Equipped with sensor of outrigger, overwind alarm System and an emergency stop button, forming a multi-layer intelligent safety interlock to effectively prevent overloading or tipping accidents.
3. walking/outrigger/boom three mode interlock system: Prevents tipping or mechanical damage caused by misoperation.
4. Variable geometry outriggers: Stable setup around any obstacle.
5. Automatic Leveling Control: Maximizes setup efficiency.
6. 5 sections The U-shaped boom & double connecting cylinder: High strength and rigidity in a lightweight design.
7. wireless proportional control(work, walking, outrigger, engine), easy operation.
8. Dual Power: Diesel engine+electric motor
9. Equipped with Danfoss proportional valves to ensure smooth and precise operation.
10. Rated for Level 6 Winds: Stable operation in wind speeds of 24-30mph(10.8-13.8 m/s.)

Load Chart



Dimensions



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Product Parameters GSC50

GSC50 Spider Crane		
Type	diesel engine+electric motor	
Capacity	5.0T*1.8m	
MaxWorking Radius	12.4m*0.15T	
Max Ground Lifting Height	13.1m	
Winch Device	Hook Speed	0-15m/min(4falls)
	Wire Rope	φ10mm×100m(max)
Telescopic	Boom Form	U type automatic 5 section
	BoomLength	3.75m-12.9m
	telescopic length/time	9.15m/27sec
up and downs	Boom Angle/Time	0~80°/17sec
slew device	SlewAngle/Speed	0-360°continuous/30sec
Outrigger	Outrigger	manual adjustment for the 1section,automatic for the 2,3 section
	Maximum Extended Dimensions	4786mm*5054mm*5387mm
Traction system	Driving Mode	driven by hydraulic motor,high/low speed
	Driving Speed	0~2.2km/h
	Gradeability	20°
	Ground Length×Width	1785mm×300mm
	Ground Pressure	40.8kpa
Diesel Engine	Model	3TNV80(YANMAR)
	Displacement	1.331L
	Maximum Output	14.6kw/2400r.min
	Starting Method	electric start
	Fuel/Volume	diesel/25L
	Starting Operating	-5°C~40°C
	Battery capacity	12v 80AH
Operation system	remote control/distance	wireless remote control/100m
	boom/walk	wireless remote control/100m
	engine/electric motor	wireless remote control/100m
Electric Motor	Voltage	AC380V
	Power/Speed	7.5kw/1400min-1
Dimension	Length×Width×Height	4100mm*1300mm*1950mm
Vehicle weight		4500Kg
Safety Devices		level,LMI,three color lamp,warning horn,emergency stop button,boom outrigger interlock,three-ring alarm,Boomin place detection,one-key hook stow

Total rated load outriggers at maximum positions

3.75/6.08m		8.36m		10.63m		12.9m	
Working radius (m)	ratedload (T)						
<1.8	5	<3	2.5	<4	1.23	<4.5	0.83
2	4.37	3.5	1.92	4.5	1	5	0.71
2.5	3.4	4	1.41	5	0.79	5.5	0.64
3	2.75	5	0.86	6	0.65	6	0.59
4	1.55	6	0.71	7	0.5	7	0.45
5	0.95	7	0.53	8	0.37	8	0.34
5.6	0.71	7.98	0.41	9	0.31	9	0.28
				10.17	0.21	10	0.19
						11	0.16
						12.4	0.13

