



# PRODUCT NAME

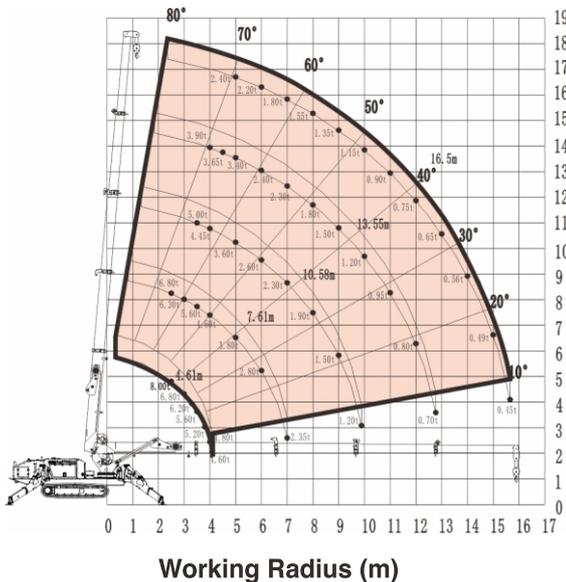
# GSC80D



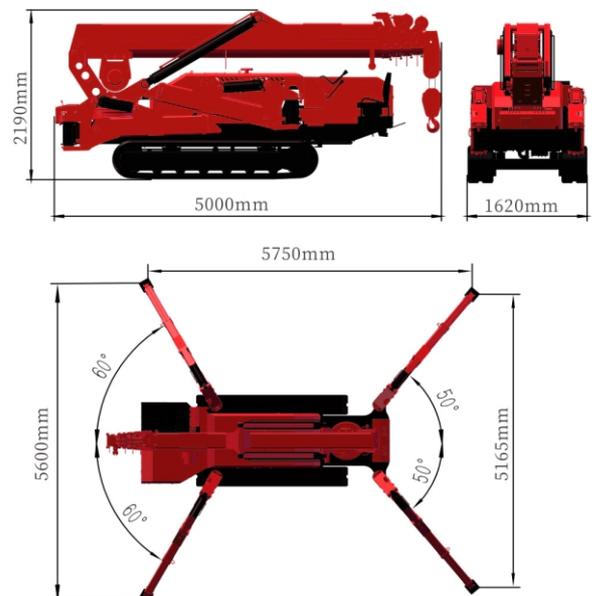
## Features

1. Load Moment Limiter (LMI): Real-time load monitoring to prevent overloading.
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 GSC80D

Model		GSC80DM	GSC80D	GSC80E	
Type		Diesel engine+electric motor		Battery+electric motor	
Capacity		8.0T*2.5m			
Working Radius		15.7m*0.45T			
Ground Lifting Height		18m			
Winch Device	Hook Speed	0-10m/min(4falls )			
	Rope type	φ12mm×100m			
Telescopic System	Boom Form	U type automatic 5 section			
	Boom Length	4.61m-16.5m			
	Telescopic Length/Time	34sec(fully extended)			
Up and Downs	Boom Angle/Time	0~80°/24.5sec			
Slew System	SlewAngle/Speed	0-360°continuous/29sec			
Outrigger	Outrigger	Manual operation for the first section,automaticfor the 2,3section			
	Max Extended Dimensions	5750mm×5600mmX 5165mm			
Traction system	Walking Way	Hydraulic motor,high/low speed			
	Walking Speed	0-1.40/0-2.9km/h			
	Grade Ability	20°			
	Ground Length×Width	2172mm×350mm			
	Pressure Ground	48kpa(0.489kgf/cm2)	50.9kpa(0.519kgf/cm2)		
power system		Engine		Battery	
		Model	4TNV88 (YANMAR)	Voltage	300V
		Displacement	2.19L	Battery	110Ah
		Maximum Output	25.2kw	Working time	4.5h
		Starting method	electric start	DC motor(with battery pack)	
		Fuel	Diesel	Voltage	DC336V
		Fuel tank	45L	Power/Speed	20KW
Operate system	remote control form/distance	wireless remote control/100m			
	leg	wireless remote control			
	walk	Manual operation	wireless remote control/manual operation		
	boom	Manual operation	wireless remote control/manual operation		
Electric Motor	Model	YYB160M-4(three-phase AC asynchronous motor)			
	Voltage	AC380V(50Hz)			
	Power/Speed	15kw 1460r/min			
Dimension	Length×Width×Height	5000mm*1620mm*2190mm			
Tank Capacity		100L			
Vehicle weight		7350Kg	7800Kg		
Safety Devices		level,LMI,three color lamp,three color lamp,emergency stop button,walk-outrigger-boom interlock			

### Total rated load outriggers at maximum positions

4.61(m)		4.61-7.61(m)		7.61-10.58(m)		10.58-13.55(m)		13.55-16.5(m)	
Working Radius(m)	Rated Load(T)								
<2.5	8	<2.5	6.8	<3.5	5	<4	3.9	<5	2.4
3	6.8	3	6.3	4	4.45	4.5	3.65	6	2.2
3.3	6.2	3.5	5.6	5	3.6	5	3.4	7	1.8
3.5	5.6	4	4.6	6	2.6	6	2.4	8	1.55
3.8	5.2	5	3.8	7	2.3	7	2.3	9	1.35
4	4.8	6	2.8	8	1.9	8	1.8	10	1.15
		7	2.35	9	1.5	9	1.5	11	0.9
				9.9	1.2	10	1.2	12	0.75
						11	0.95	13	0.65
						12	0.8	14	0.56
						12.8	0.7	15	0.49
								15.7	0.45

