



PRODUCT NAME

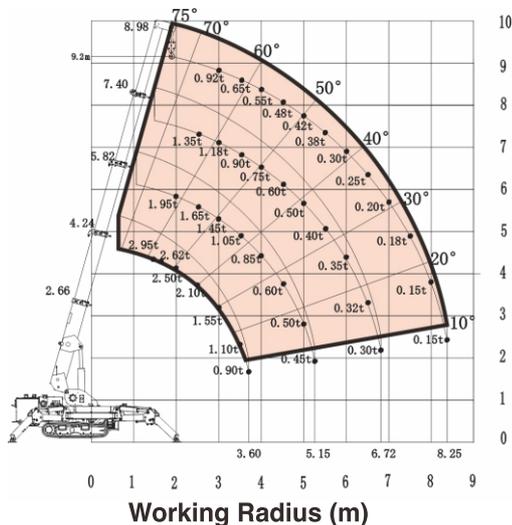
GSC30D



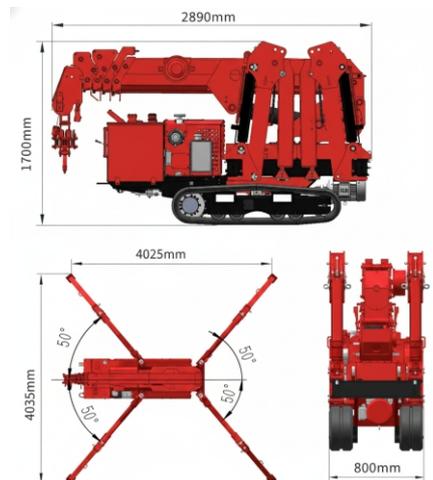
Features

- 1.Compact and lightweight body,flexibly into elevatorand indoor sites.
- 2.Load Moment Limiter (LMI): Real-time load monitoring to prevent overloading.
- 3.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.
- 4.walking/outrigger/boom three mode interlock system : Prevents tipping or mechanical damage caused by misoperation.
- 5.Variable geometry outriggers : Stable setup around any obstacle.
- 6.Automatic Leveling Control : Maximizes setup efficiency.
- 7.5 sections The U-shaped boom&double connecting cylinder : High strength and rigidity in a lightweight design.
- 8.Wireless remote control(work, walking, outrigger, engine),offering ease of use.
- 9.Diesel engine+electric motor
- 10.Utilizes Danfoss proportional valves to ensure smooth and precise operation.
- 11.Rated for Level 6 Winds: Stable operation in wind speeds of 10.8–13.8 m/s.

Load Chart



Dimensions



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Product Parameters GSC30D

Model		GSC30D		GSC30G		GSC30E	
type		diesel engine+electric motor		gasoline engine+electric motor		Battery+electric motor	
Capacity		2.95T*1.3m					
Working Radius		8.25m					
Ground Lifting Height		9.2m					
Winch Device	Winch	Driven by hydraulic motor,twospeeds					
	Hook Speed	low speed 5.3m/min,high speed 10.2m/min				low speed 2.5m/min, high speed 4.5m/min	
Telescopic System	Ropetype	Φ8mm*110m(Max)					
	Boom Form	U type automatic 5 section					
	Boom Length	2.66m-8.98m					
Up and Downs	Telescopic Length/Time	25sec(fully extended)				20sec(fully extended)	
	Boom Angle/Time	0~75°/18sec					
Slew System	SlewAngle/Speed	0-360°continuous/40sec					
Outrigger	Outrigger	Manual operation for the first section,automatic for the2,3 section					
	Maximum Extended Dimensions	4.0m*4.0m					
Traction system	Walking Way	Hydraulic motor,high/low speed					
	Walking Speed	0-1.6/0-2.9km/h				0-0.9/0-1.6km/h	
	Grade Ability	20°					
	Ground Length*Width	1000mm*200mm					
power system		Diesel Engine		Gasoline Engine		Battery	
		Model	3TNV74(YANMAR)	Model	HONDA Gx390	Voltage	48V
		Displacement	993cc	Displacement	389mL	Battery	200Ah
		Maximum Output	10.8kw	Maximum Output	7.0kw	Working time	4-6h
		Starting method	electric start	Starting method	electric start	DC motor(with battery pack)	
		Fuel	Diesel	Fuel	petrol	Voltage	DC48V
		Fuel tank	14L	Fuel tank	6.1L	Power/Speed	4KW 3000r/min
Operate system	remote control form/distance	wireless remote control/100m					
	leg	wireless remote control manual operation		Manual operation		wireless remote control manual operation	
	walk	wireless remote control manual operation		Manual operation		wireless remote control manual operation	
	boom	wireless remote control manual operation		wireless remote control manual operation		wireless remote control manual operation	
Electric Motor	Model	YYB112M-4(three-phase AC asynchronous motor)					
	Voltage	AC380V(50Hz)					
	Power/Speed	4kw/1440min-1					
Dimension	Length*Width*Height	2890mm*800mm*1700mm					
Tank Capacity		40L					
Vehicle weight		2400Kg		2240Kg		2400Kg	
Safety Devices		level,LMI,three color lamp,emergency button,anti-tipping alarm,walking/outrigger/boom three mode interlock system,Automatic Leveling		level,LMI,three color lamp,emergency button,anti-tipping alarm,walking/outrigger/boom three mode interlock system		level,LMI,three-color lamp,emergency button,anti-tipping alarm,walking/outrigger/boom three mode interlock system,Automatic Leveling	

Total rated load outriggers at maximum positions

2.66/4.24m boom		5.82m boom		7.40m boom		8.98m boom	
Working Radius(m)	Rated Load(t)						
<1.30	2.95	<2.0	1.95	<2.5	1.35	<3.00	0.92
1.5	2.65	2.5	1.65	3	1.18	3.5	0.65
2	2.50	3	1.45	3.5	0.90	4	0.55
2.5	2.10	3.5	1.05	4	0.75	4.5	0.48
3	1.55	4	0.85	4.5	0.60	5	0.42
3.5	1.1	4.5	0.60	5	0.50	5.5	0.38
3.6	0.92	5	0.50	5.5	0.40	6	0.30
		5.15	0.45	6	0.35	6.5	0.25
				6.5	0.32	7	0.20
				6.72	0.30	7.5	0.18
						8	0.15
						8.25	0.15

