



GrupoRio
Soluciones con energía



RIVIANT

SPIDER CRANES

COMPACT & VERSATILE



GRHLDQY-3T SPIDER CRANE

- Rated Lifting Capacity: 2950kg
- Forklift weight: 2700kg
- Rated Power: 12kw



+504 9779-1143

✉ info@gruporio.net

🌐 www.gruporio.net



NEW PRODUCT UPGRADE

Excellent performance to meet the needs of various users.



≡ GRHWLDQY-3T

SPIDER CRANE





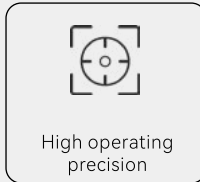
Product introduction

GRHLDQY-3T

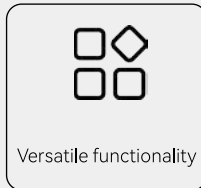
3T Spider Crane



Big Brand Engine



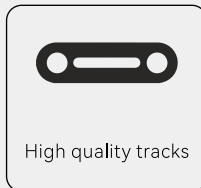
High operating precision



Versatile functionality



Fully hydraulic operation



High quality tracks



Highly adaptable



PRODUCT ADVANTAGES

01

High work efficiency

The crane can significantly accelerate the lifting speed of goods in complex environments, greatly reducing transportation time compared to traditional manual handling methods.

02

Higher accuracy

With a precise control system, it is possible to achieve accurate loading and unloading of goods.

03

Reduce labor costs

It can be equipped with various auxiliary tools, adapt to loading and unloading operations in various environments, and significantly reduce operation time.

04

Improved security

It reduces the risk of direct manual operation, especially when handling large or heavy materials, and improves the safety of the construction site.

05

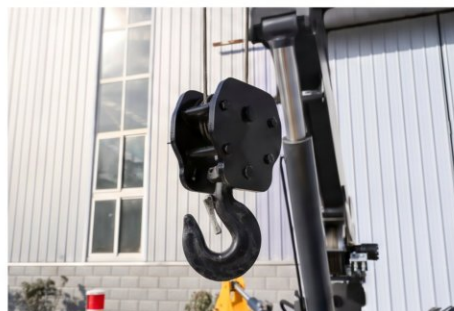
Environmental protection and energy saving

It uses engines from major brands for drive, reducing noise pollution and fuel consumption, which aligns more closely with the concept of green environmental protection.

06

Highly adaptable

It is capable of adapting to various construction environments, including but not limited to complex settings such as residential areas, shopping malls, warehouses, docks, and more.



GRHLDQY-3T

SPIDER CRANE

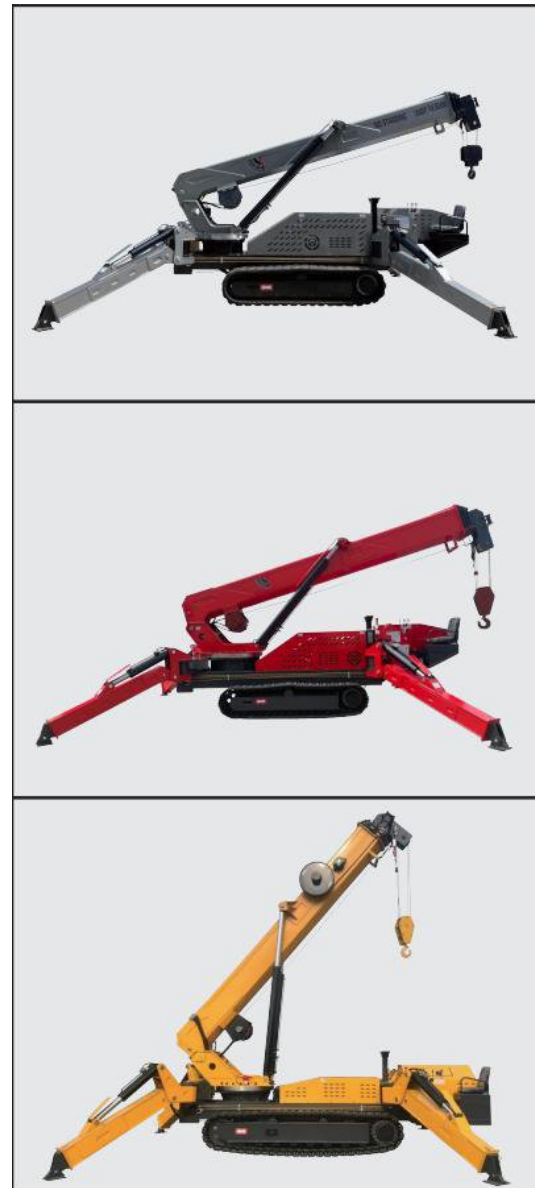


Machine detailed parameters

GRHLDQY-3T			
	Specifications	2.95	T
	Maximum Operating Radius	9.2m*0.6T	m
	Maximum Above Ground Lift Height	10 (4 Rope)	m
	Maximum Below Ground Lift Depth	45	m
Winch Mechanism	Hook Hoisting Speed	4.8	m/min
	Wire Rope Specifications	Φ8mmx45m (Max)	mm
Telescopic Device	Boom Type	U-Shaped Fully Automatic 5 Stage	
	Boom Length / Time	3-9.5m/26sec	m/s
Fluctuating Mechanism	Boom Angle / Time	0-75° /18sec	° /s
Swivel Mechanism	Rotation Angle / Speed	0-360° (Continuous) /45sec	
Outrigger	Support Leg Operation Mode	Manually Swinging Out, Automatic Legs Support	
	Maximum Extension Width	4470*3940	mm
Traveling Device	Travel Method	Hydraulic Motor Drive	
	Traveling Speed	0~0.8	km/h
	Gradeability	20	°
Electric Motor	Model	YYB112M - 4	
	Electric Motor Power	4kw/1440min - 1	kw
发动机 Engine	Type	EV80	
	Starting Method	Electric start	
	Starting Performance	-5-40°C	°
	Fuel / Tank Capacity	Diesel 21L	L
	Rated Output Power	12	kw
	Displacement	0.857	L
Operating System	Operation Types (Boom / Support Legs), Manual Walking	Manual Operation, Manual Movement + Remote Control (Optional)	
	System Voltage	AC380V(50HZ)	
Dimensions and Weight	Length x Width x Height	3450*950*1700	mm
	Total Vehicle Weight	2.7	T



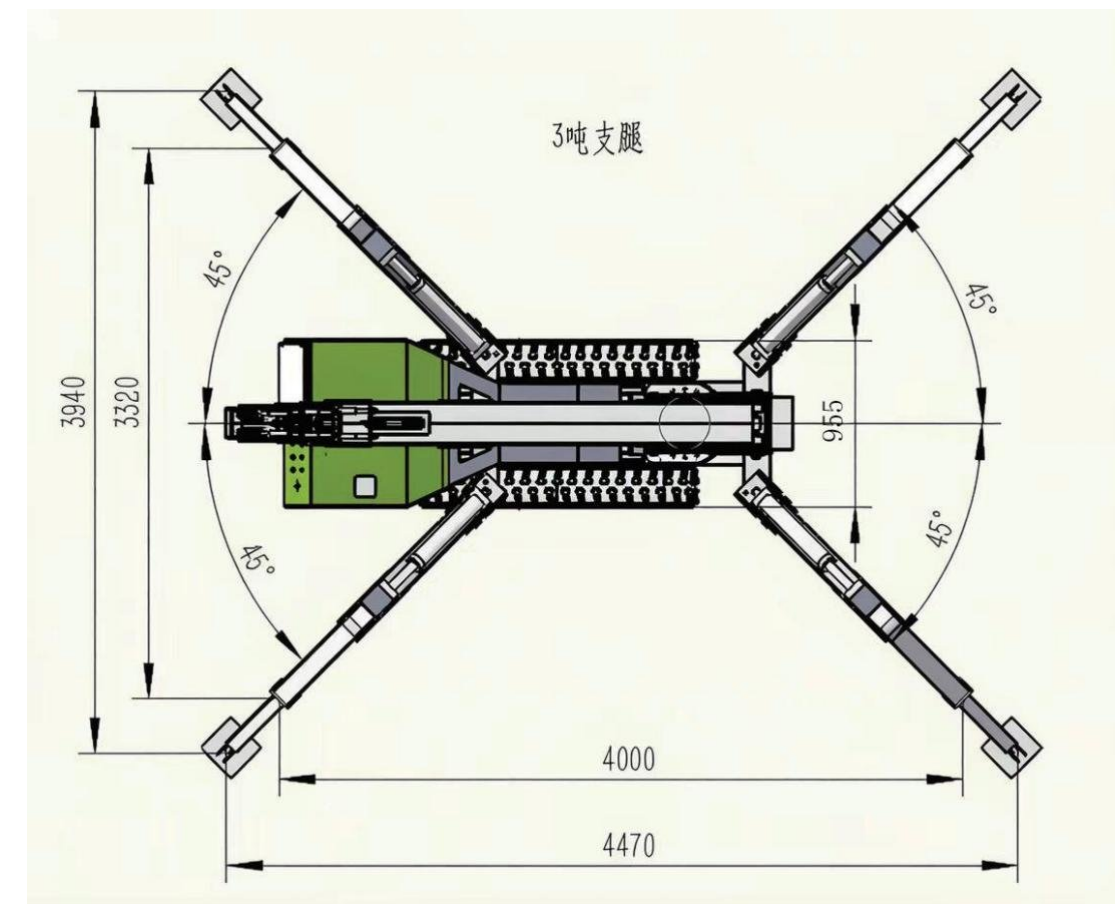
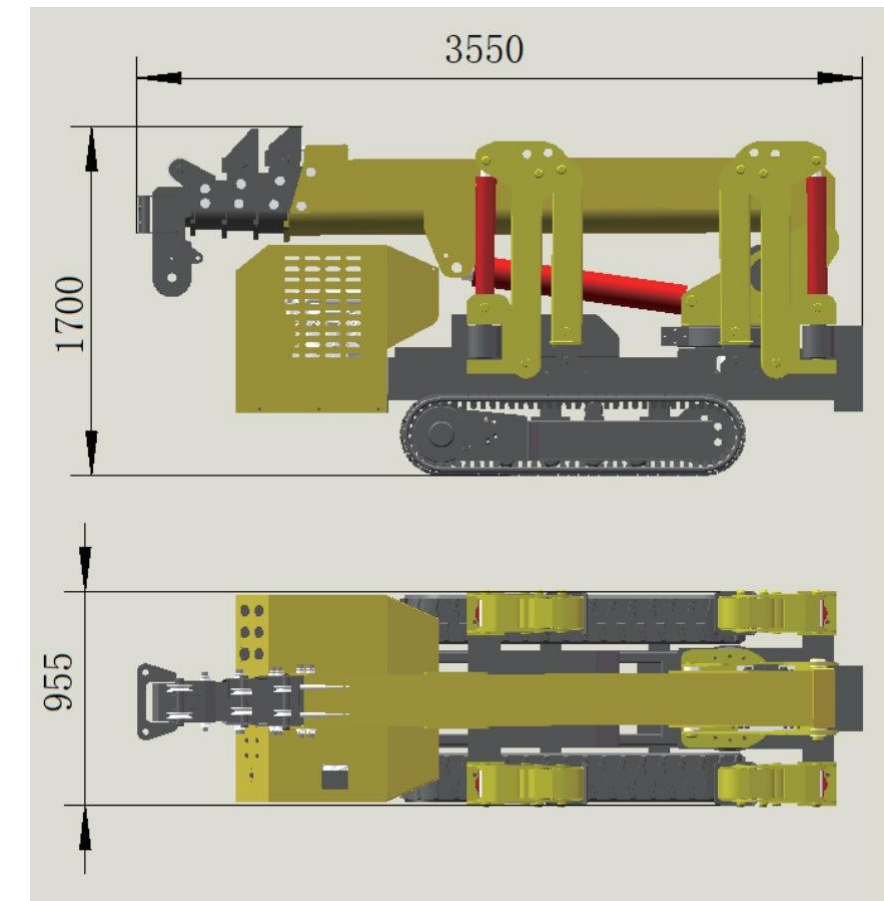
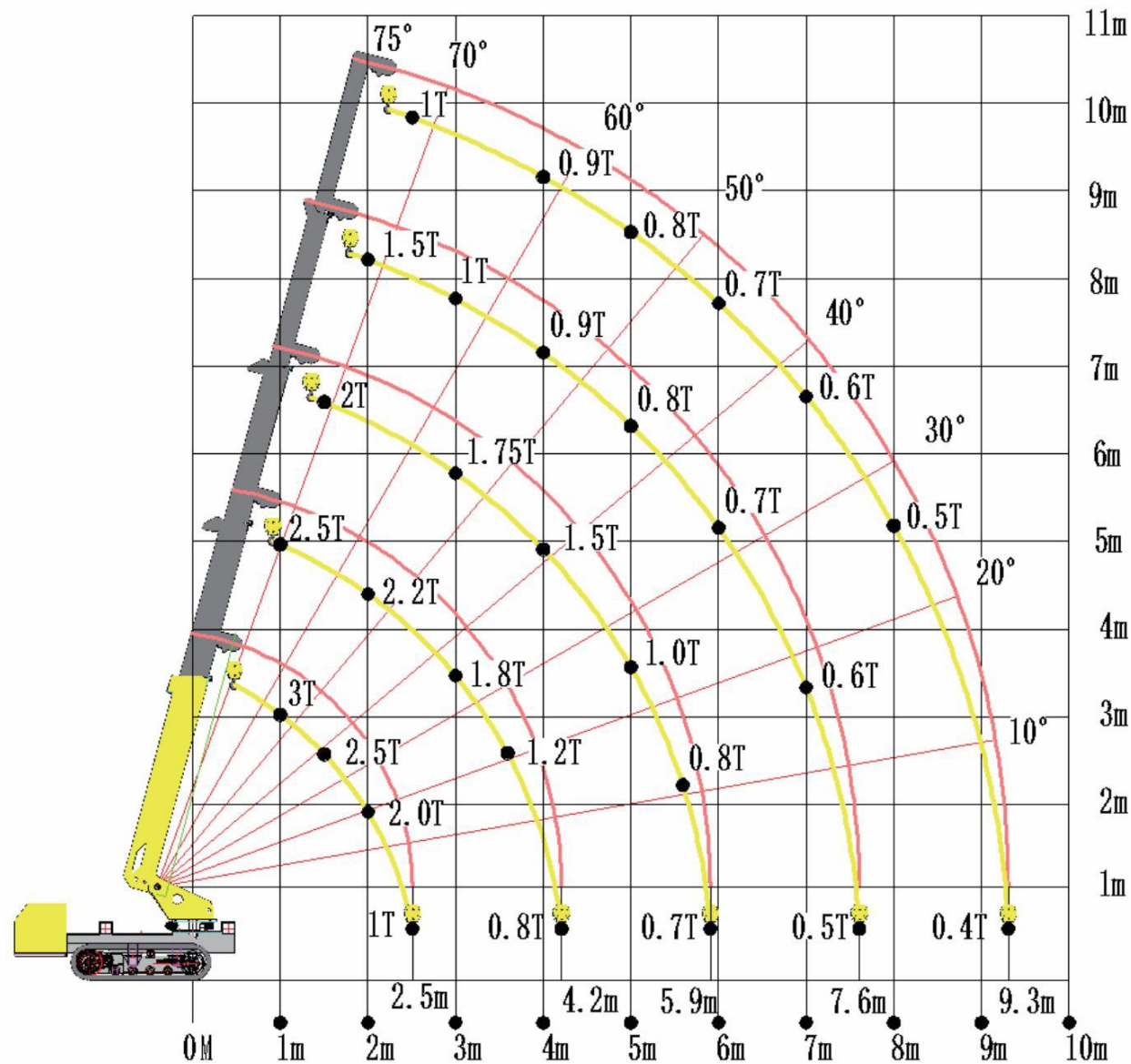
3-ton spider crane



Redefine economic efficiency with outstanding performance
The world's leading cost-effective spider crane

Load diagram

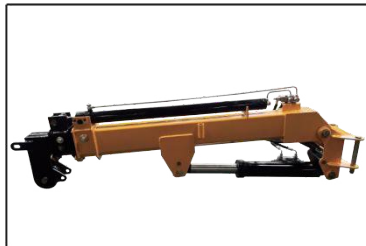
3T 3T leg maximum position lifting diagram									
≤ 3.0 ≤ 3.0-meter boom		≤ 4.7 ≤ 4.7-meter boom		≤ 6.4 ≤ 6.4-meter boom		≤ 8.1 ≤ 8.1-meter boom		≤ 9.8 ≤ 9.8-meter boom	
Homework radius	rated lifting capacity	Homework radius	rated lifting capacity	Homework radius	rated lifting capacity	Homework radius	rated lifting capacity	Homework radius	rated lifting capacity
1.0	3.0	1.0	2.5	1.3	2.0	2.0	1.5	2.3	1.0
1.5	2.5	2.0	2.2	3.0	1.75	3.0	1.0	4.0	0.9
2.0	2.0	3.0	1.8	4.0	1.5	4.0	0.9	5.0	0.8
2.5	1.0	3.5	1.2	5.0	1.0	5.0	0.8	6.0	0.7
		4.2	0.8	5.5	0.8	6.0	0.7	7.0	0.6
				5.9	0.7	7.0	0.6	8.0	0.5
						7.6	0.5	9.3	0.4



optional devices



Rotating basket



Hydraulic Flying Arm



auxiliary arm



Torque system



glass suction cup



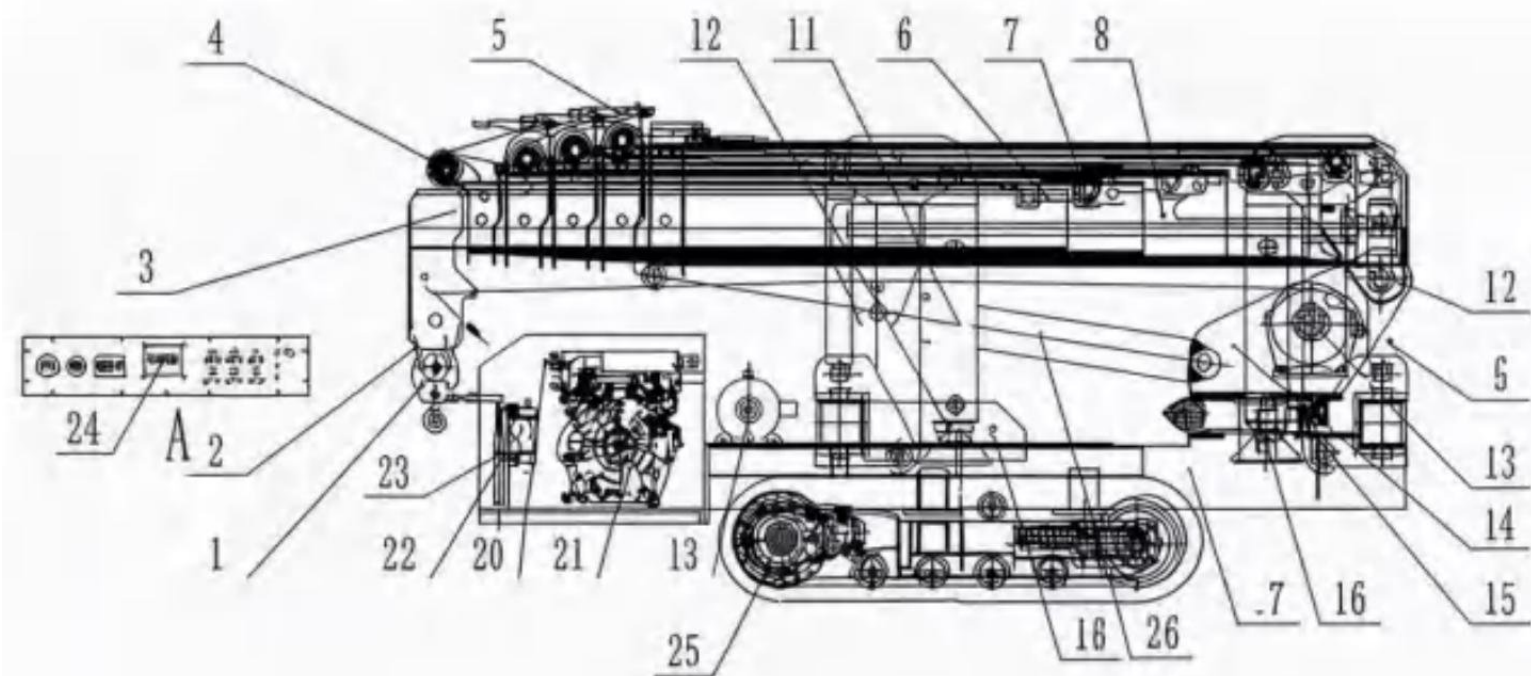
Engine (factory specified brand/optional other brands)



Electromagnetic proportional valve



Remote control



1. (Hook) 2. Lifting wire rope) 3. Arm frame)
4. (Arm rope pulley) 5. (Arm wire rope)
6. (Return arm rope) 7. (Return arm rope pulley)
8. (Arm oil cylinder) 9. (Support leg oil cylinder)
10. (Support leg 1 section) 11. (Support leg 2 sections)
12. (Support leg 3 sections) 13. (Winch) 14. (Upper bracket)
15. (Rotary support) 16. (Central rotary joint)
17. Chassis) 18. (Hydraulic oil tank) 19. Motor oil pump)
20. (Hood) 21. Engine) 22. (Hydraulic system)
23. (Remote control system) 24. (Control panel)
25. (Track chassis) 26. (Variable amplitude oil cylinder)