

Sideboom



GY90 full hydraulic sideboom is developed by our own technology. It has full hydraulic driving, micro computer control and specialized chassis. Our GY 90 full hydraulic sideboom adopts harmonious uniform of machine, electric, and hydraulic mechanisms with advanced control system. It has many advantages, they are high automation degree, smooth traveling, simple operation, high efficiency & energy saving, safe & reliable and low maintenance cost.

1. We use advanced transmission and control system. GY 90 full hydraulic sideboom adopt advanced world standard hydraulic transmission system, which is leading technique with simple structure, convenient maintenance. Our control system adopts world standard and high automatic level micro-processor with electrical control generator. It makes engine rotating speed controlled automatically, with no manual intervene, so that it relieves operator's burden and decreases oil consumption and realizes energy-saving.

2. We adopt international procured famous engine and hydraulic components to ensuring reliability of equipment.

3. Our sidebooms are simple operation and maintenance, with two operational handles controlled. The left handle controls traveling, and the right handle controls working device. The operation requires less power and can be learned easily, which reduce training cycle. Operators can read much information from display, such as the working conditions and parameters as well as failure's name, position and reason. Therefore, it makes the maintenance work easier.

4. It's safe and reliable. Optimized man-machine engineering design makes the operation space spacious, reasonable layout of escaping passage, wide sight range for operator. The boom has electrical and hydraulic double upper limit, which prevents the accident caused by boom over upper limit. It possesses the moment limit function which can prevent rolling-over.

Main Specification of Sideboom

Items		Models	
		GY90	
Max. lifting capacity (t)		90	
Rated lifting capacity (t)		76.5	
Gross weight (around) (t)		54.5	
Transportation dimension (L×W×H) (mm)		5580×3315×3100	
Transportation Weight (t)		37	
Average ground pressure (KPa)		80.2	
Min. ground clearance (mm)		433	
Max. climbing capacity (°)		20	
Suitable ambient conditions		-20 °C ~ 40 °C Ambient -20 °C ~ 40 °C Altitude: below 3000m	
Engine	Model	QSM11-C400 Cummins QSM11-C400	
	Rtd. power (KW)	298	
	Rtd. rotating speed (rpm)	2100	
Traveling System	Chassis	Specially designed chassis for sideboom	
	Control mode	electrical control handle	
	Theoretical speed (km/h)	0~2; 0~5.1 (Two gears infinite speed variable)	
	Length of track on ground (mm)	3700	
	Track width (mm)	900	
	Track roller Nos.	8×2 (single flange 6×2 , double flange2×2)	
Hoisting system	Luffing Type	Wire rope luffing	
	Operational type	Electronic control handle	
	Sideboom	Length (mm)	8600
		Max. lifting height (mm)	7000
	Boom luffing angle (°)	0~86	
	Hook speed (8 MF) (m/min)	0~4.1 and 0~8.1 (Two gears infinite speed adjustable)	
	Luffing time (s)	30	
Applied standards		Q/GDR 008-2008, ISO8813—92	

World Equipment is a professional manufacturer and supplier of sideboom in China. Our products have already been exported to Europe, South America, Middle East, Southeast Asia and Africa. We have clients in Congo, Tanzania, Russia, Algeria, Philippines, Kazakhstan, Iran, Saudi Arabia, Nigeria, Singapore, Indonesia, Malaysia, The United Arab Emirates, South Africa, Australia, and Sudan. We can always gain the trust of clients thanks to the products' high quality, the competitive price, profound industrial experience. If you need sideboom, please contact us without hesitation.



WORLD EQUIPMENT (CHANG ZHOU) CO., LTD
