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Integrity and Innovation

– CONTINUE GROWING STEADILY LONG INTO THE FUTURE



LIANYUNGANG JIUGUANG HEAVY INDUSTRY MANUFACTURING CO., LTD.

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JGHEAVY

JG Heavy Industry products are constantly being upgraded, and we reserve the right to change the design and parameters of our products at any time without prior notice to users or obligation of notice

久光重工

JG HEAVY INDUSTRIES



● Skid steer loaders ● Wheel loaders ● Small–sized skid steer loaders ● Loader–diggers

多功能滑移装载机生产研发

PRODUCTION, RESEARCH AND DEVELOPMENT OF MULTI–FUNCTIONAL SKID STEER LOADERS

About Us

Lianyungang Jiuguang Heavy Industry Manufacturing Co., Ltd. is located in Guannan Economic Development Zone, Jiangsu Province, facing the Yellow Sea to the east, Huai'an to the south, close to Lanzhou–Lianyungang Railway, Lianyungang–Horgos Expressway, Beijing–Shanghai Expressway, Shenyang–Haikou Expressway, Huaguoshan International Airport and Huaian Airport; Changc–hun–Shenzhen Expressway and Lianyungang–Zhenjiang High–Speed Railway pass through the development zone, therefore, the company has obvious location advantages and convenient trans–portation.

Lianyungang Jiuguang Heavy Industry Manufacturing Co., Ltd. specializes in the production of skid steer loaders and various supporting tools, and is the domestic professional small and medi–um–sized machinery manufacturer integrating R & D, manufacturing and sales. The company won the title of National High–Tech Enterprise. It covers an area of more than 40 mu, including 10000 m^2 workshop and 2600 m^2 Comprehensive Office Building built in the first phase. Skid steer loader, also known as the multi–functional engineering vehicle, is a kind of wheeled special chassis equipment that achieve vehicle steering by use of the linear speed difference of both sides of the wheel. This equip–ment is mainly applicable for the occasions where the working site is narrow, the ground is uneven, and the operation contents change frequently. It is suitable for infrastructure construction, industrial applications, loading and unloading on wharfs, urban streets, houses, barns, livestock houses, airport runways, etc., and can also be used as auxiliary equipment for large–scale construction machinery. Due to our advanced design, excellent manufacturing and perfect service, we can ensure that our products reach the international advanced levels, and can provide our customers with a variety of different supporting solutions.

We adhere to the idea of "quality for survival, and credit for development", and create a better future with you with a professional talent team and the spirit of excellence.



Skid Steer Loader

Skid steer loader, also known as multi–functional skid steer loader, is well–known for its flexible steering performance, multiple functions, quick replace–ment of different auxiliary equipment, small overall dimensions, suitable for working in narrow spaces, and high construction efficiency in different working conditions.



Frame Characteristics

The skid steer loader of JG Heavy Industry adopts integral frame structure and high strength integral welding process, so the equipment has higher strength and better stability. The design of the fuel tank and hydraulic oil tank integrated to the body greatly improves the effective use of the tank volume and space.

Traveling System

The skid steer loader is provided with closed hydrostatic transmission system–four–wheel drive traveling gear to maximize the adhesion between the whole machine and the ground; it is equipped with high–strength maintenance–free chains to provide a powerful driving force for the whole machine. It can be provided with empty or solid tires according to different working conditions. The skid steer loader can realize 360° steering in situ by use of the speed difference of the left and right wheels of the vehicle, which makes it no longer subject to the restriction of small working space for the engineering vehicle. The skid steer loader has no the steering wheel as that for the loader, and its operation is controlled by the operating lever and the hydraulic system (optional). Therefore, the equipment is simple and fast to operate and has higher work efficiency.



Power System

The company has established the long–term strategic cooperative partnership with domestic and foreign brand engine manufacturers, such as Xinchai Engine, Yanmar Engine, Mitsubishi Engine, Perkins Engine.

Work System

It adopts high–strength anti–fatigue swing arm design to ensure that the big arm shall not be damaged by fatigue during the long–term high–intensity continuous operation of the whole machine; the automatic leveling system can ensure that the front–end fittings always maintain the initial balance in the lifting process of the big arm. The work arm adopts arc lifting mode and is equipped with the leveling device, in this way, the front–end fittings always maintain the initial balance to prevent sand and gravel from falling on the cab roof. Besides, the machine is equipped with the international general hydraulic quick–change interface for fast and convenient loading and unloading, and can be suitable for most brands of hydraulic accessories on the market. It can realize the quick replacement of accessories in one minute, and the fast change of accessories required in the site to realize multiple purposes.

Care and Maintenance

The rear flip cab can allow the big arm rise and land in any position; the cab can be easily lifted; the rear stern door and the upper cover can be easily opened so that the interior of the body can be seen for convenient maintenance.

Construction Cases of Skid Steer Loader


Scraper and Grader


Cabin Cleaner


Skid Bucket


Skid Hydraulic Breaker Hammer


Snow Blower


Forward Type Sweeper


Sweeper


Snow Plow

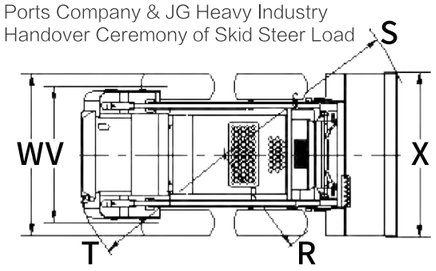


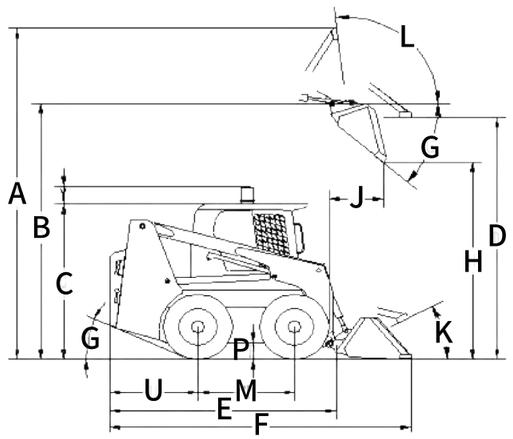
Milling machine is milling asphalt pavement

Delivery Site



Ports Company & JG Heavy Industry
Handover Ceremony of Skid Steer Load





Models and Main Parameters of Skid Steer Loader

	Parameter	Unit	GL50	GL60	GL65	GL75	GL85	GL100
	Rated load	kg	750	800	900	950	1050	1210
	Tipping load	kg	1500	1600	1800	1900	2100	2420
	Operating weight	kg	3150	3200	3260	3390	3700	3800
	Bucket capacity	m^3	0.36	0.41	0.41	0.52	0.56	0.56
Power System	Brand		Xinchai	Xinchai	Mitsubishi	Yanmar	Mitsubishi	Kubota
			Perkins			Xinchai	Xinchai	Weichai
	Output power	kw	36.8	45	47	53.7	62	67.7
			36.3		55	55.8	66.8	74.9
	Speed	rpm	2500	2500	2500	2400	2400	2400
	Cooling mode		Water-cooling	Water-cooling	Water-cooling	Water-cooling	Water-cooling	Water-cooling
	Capacity of diesel oil tank	L	88	88	88	88	88	88
Performance Parameter	Operating mode		Mechanical	Mechanical	Mechanical	Mechanical	Hydraulic controlled	Hydraulic controlled
			Hydraulic controlled	Hydraulic controlled	Hydraulic controlled	Hydraulic controlled		
	Lifting mode		Radial	Radial	Radial	Radial	Radial	Radial
	Tire size		10-16.5	10-16.5	10-16.5	10-16.5	12-16.5	12-16.5
	Maximum traveling speed	km/h	11.5	11.5	12	12	11.7	11.3/21.9
Hydraulic Parameter	Work flow rate	L/min	65	65	85	85/135	85/135	82/130
	Working pressure	bar	180	180	200	200	200	200
	Capacity of hydraulic oil tank	L	70	70	70	70	70	70
A	Maximum operating height	mm	4058	4058	4270	4290	4295	4383
B	Height of bucket hinge pin	mm	3077	3077	3265	3285	3290	3321
C	Roof height (excluding air conditioner)	mm	2007	2007	2007	2027	2023	2031
	Roof height (including air conditioner)	mm	2195	2195	2195	2215	2023	
D	Maximum horizontal height of bucket bottom	mm	2908	2908	3090	3110	3116	3167
E	Length (excluding bucket)	mm	2641	2641	2710	2710	2889	2957
F	Length (including bucket)	mm	3413	3413	3498	3498	3688	3821
H	Maximum loading height	mm	2303	2303	2551	2571	2543	2547
J	Loading distance	mm	675	675	603	583	652	720
M	Axle base	mm	999	999	1020	1020	1080	1258
Q	Departure angle	°	22°	22°	22°	22°	24°	24°
P	Ground clearance	mm	185	185	185	185	202	195
W	Tire section width	mm	1740	1740	1740	1740	1817	1918
X	Bucket edge width	mm	1780	1780	1800	1880	1880	1970
L	Maximum rollback angle of bucket	°	99°	99°	103°	103°	97°	91°
G	Unloading angle (maximum height)	°	40°	40°	35°	35°	38°	38°

Accessory Applications



01 Sweeper/ Sweeping

The closed sweeper is driven by hydraulic motor, suitable for sweeping roads, wharfs in the factory, mixing plants and milling machine after milling, provided with a collection hopper; it is flexible and fast, and can be also used in the small site, saving a lot of labor.



02 Arc-Shaped Bucket/ Kiln

It is used for the construction and cleaning of rotary kilns and cement kilns, and the arc design of the bucket perfectly fits the kilns so that it can safely and quickly implement the construction in the narrow kilns.



03 Beveled Sweeper / Snow Removal

Beveled sweeper is driven by hydraulic motor, can quickly and efficiently clean up dust, snow and other slag particles; its angle can be adjusted left and right, and the product is applied to highways, sidewalks, parking lots, wharfs.



04 Snow Plow / Snow Removal

JG snow plow adopts hydraulic system for left and right adjustment, the driver can operate it in the cab; this machine is often used for snow removal of sidewalks, roads, ports and wharfs, parking lots, servers, plant animal husbandry and so on.



05 Hydraulic Breaker Hammer / Pavement

JG skid hydraulic breaker hammer is often used for breaking and repair of cement and asphalt pavements, and can realize the fast change and mutual-use with other machines, thus eliminating the trouble of the entry of large equipment for small-area construction.



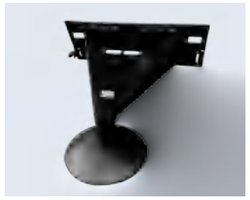
06 Bucket/ Shoveling

The bucket is widely used, including shoveling of low-density substances, such as mud, aggregate, construction waste, snow, etc., and often applied for road construction, factories, pastures, farms, ports and so on.

Accessories of Skid Steer Loader



Standard Bucket



Disc Deicer



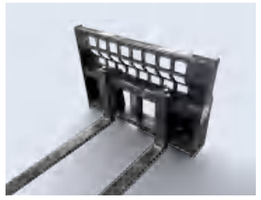
Hook



Enclosed Sweeper



Industrial Grab



Fork



Ditcher



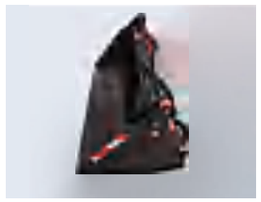
Mini Excavator Arm



Snow Blower



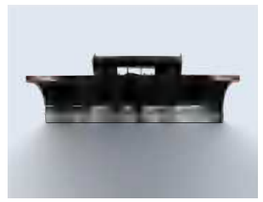
Hydraulic Breaker Hammer



Four-in-one bucket



Poop Scooper



Snow Plow



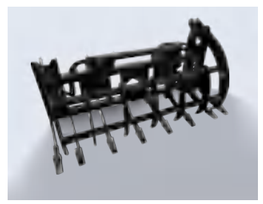
Milling Machine



Beveled Sweeper



Vibration Compactor



Claw Weeder



Drill