

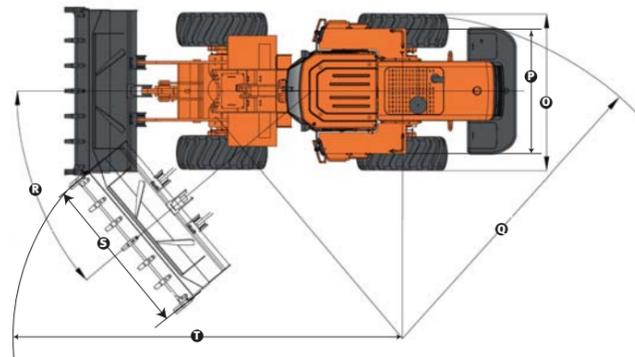
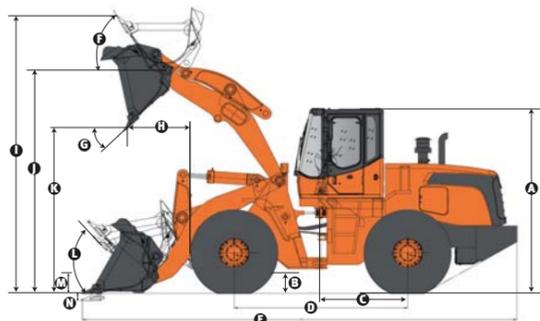
Specification

Overall working weight	kg	10,400	Front and Rear Axles	
	lb	22,928	TYPE	FULLY FLOATING PLANETARY-TYPE HUB DRIVE
Capacity heaped ISO/SAE	m ³	1.7		FIXED MOUNTING(FRONT)
	yd ³	2.2	Final decelerate type	TRUNNION MOUNTING(REAR)
Rated load	kg	3000		PLANETARY
Max traction force	Ton	9	Tyre	
Max breakout force (kN)	kN	96	Tyre specification	17.5 -25-12 PR
	lbf	21,582	Front tyre pressure	Mpa 0.32
Max gradability	Degree	30	Rear tyre pressure	Mpa 0.3
Dump height (at 45°) 1)	mm	2800	Steering System	
(at fully raised)	ft in	9'2	Type	Gear
Dump reach (at 45°) 1)	mm	1,170	Steering angle	degree 40
(at fully raised)	ft in	3'1"	Min. turning radius (outside tires)	mm 5250
Overall dimension(LxWxH)	mm	6900 × 2515 × 3280	Min. turning radius (outside bucket)	mm 5710
				ft in 18'8"
Engine			Hydraulic system	
Model	Weichai-Deutz WP6G125E22		System working pressure	bar 170
Type	TURBO, DIRECT INJECTION		Boom lifting(full load)	sec 5.3
Number of cylinder	6		Total time	sec 9.9
Bore/stroke (mm)	105 X 130 (mm)		Brake system	
Max torque	500 N.m/1400~1500 rpm		Service brake	AIR PUSH HYDRAULIC SINGLE LINE
Rated power	92 Kw/2200 rpm		Parking brake	SPRING-APPLIED AIR RELEASED SLIDING CALIPER DISC BRAKE
Rated speed	2200 rpm		Fill capacity	
Min fuel consume ratio	215 g/kw.h @ RATED SPEED		Fuel	liter 150
			Hydraulic oil	liter 130
Transmission system				
Torque converter type	Single Stage, Single phase, Three elements(single turbine)			
Torque ratio	3.25			
Transmission type	4 SPEED, POWER-SHIFT, COUNTERSHAFT			
Gear shift	4 forward shift , 1 back			
Max speed	km/h	38.0 KPH		

* Specifications are subject to change without notice for quality improvement.

Dimension

A. Height to top of cab and canopy	mm	3280	K. Dump height (at 45°) 1)	mm	2800
	ft in	10'9"	(at fully raised)	ft in	9'2
B. Ground clearance	mm	340	L. Maximum rollback at ground	degree	45
	ft in	1'1"	Max. tilt angle at ground		
C. Machine center point to rear axle	mm	1460	M. Hinge pin height at carry position	mm	480
D. Wheel base	mm	2850	N. Maximum digging depth	mm	50
	ft in	9'4"		ft in	2"
E. Overall length	mm	6900	O. width over tires	mm	2290
	ft in	22'7"		ft in	7'6"
F. MAX. TILT ANGLE (fully raised)	degree	61	P. Tread width	mm	1840
G. Bucket dump at full height	degree	45		ft in	6'
H. Dump reach (at 45°) 1)	mm	1170	Q. turning radius outside tires	mm	5250
(at fully raised)	ft in	3'1"		ft in	17'2"
I. Maximum overall height	mm	5,054	R. Maximum steering angle (each side)	degree	40
J. Hinge pin height at full lift	mm	3740	S. Bucket width	mm	2506
	ft in	12'3"		ft in	8'2"
			T. Turning radius outside bucket	mm	5710
				ft in	18'8"



1) Measured to the tip of the bucket teeth or bolt-on edge.

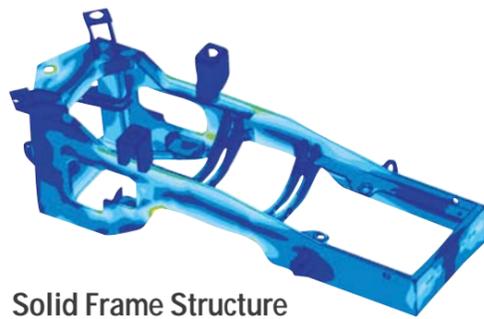
2) SD200: All measurements with tyres 17.5-25-12PR

DISD

Wheel Loader SD200



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Yantai Shandong 264100 China
Tel: +86-10-8454-7075 Fax: +86-10-8454-7077



Solid Frame Structure

The most advanced 3D CAD and FEM technologies are adopted in the analysis of technical design, greatly improving the strength, durability and reliability of the device.



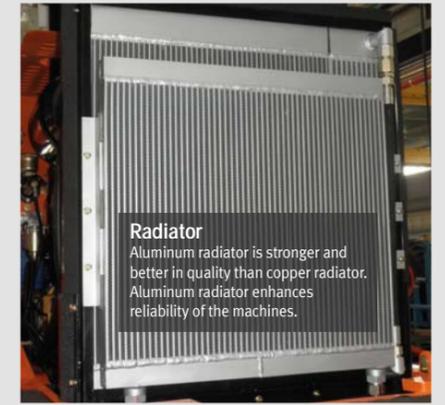
Weichai-Deutz WP6G125E22

Fuel saving and environment friendly low-speed engine, satisfying Tier-II emission standards.



Transmission Shaft : Double Bearing Drive Shaft

- Double bearing supporting propeller shaft in dual configuration for improving reliability of propeller shaft.
- Lubricating oil can be infused easily, enhancing the durability of the transmission shaft.

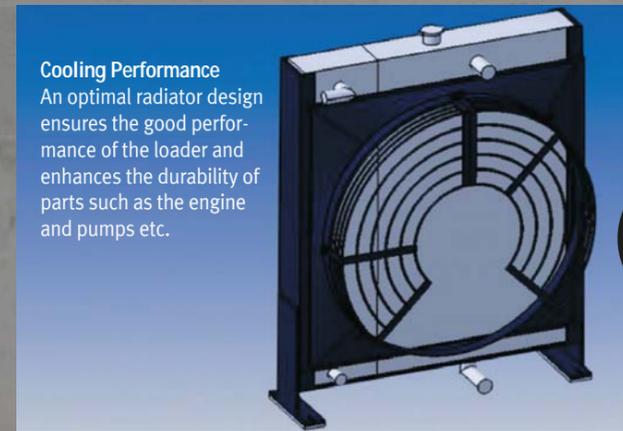


Radiator

Aluminum radiator is stronger and better in quality than copper radiator. Aluminum radiator enhances reliability of the machines.

Features of DISD wheel loader

- Stronger breakout force and tractive force, reflecting excellent performance in a high-load working environment.
- Ideal operating speed and 40°steering angle, sharply improving work efficiency.
- Reasonable matched top-end technology, ensuring a more reliable, durable and efficient device.
- Noise reduction technology in line with international standards, providing operator with physical and mental protection, while bolstering work efficiency.
- Industry leading cooling system, offering a guarantee for continuous and uninterrupted work under high temperatures.
- Streamlined appearance and wide operating room, representing an international brand style.

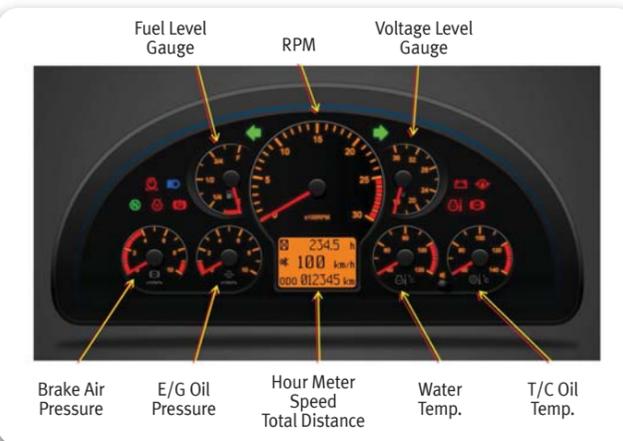


Cooling Performance
An optimal radiator design ensures the good performance of the loader and enhances the durability of parts such as the engine and pumps etc.



Durability

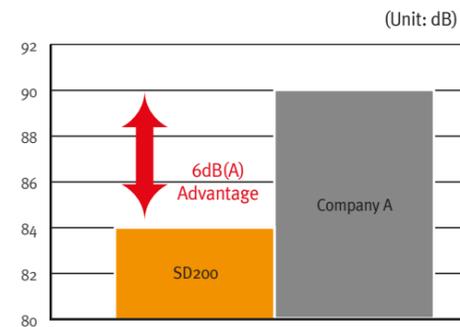
SD200's working attachments and articulated pin are matched properly in size so as to position the force bearing area accordingly, increase diameters of the boom pin roll and front and back frame articulated pin roll, as well as enhance durability.



New Operator Panel

The instrument panel has been changed to improve operator comfort and convenience.

Lower Noise
Offering a quiet and comfortable working environment and improving efficiency.



Air Flow Increased by 30%

Excellent air-conditioning system and air circulation function as well as perfect defrost system provide operator a more comfortable operating environment and more easy controlling methods to benefit from the above functions.



Cabin

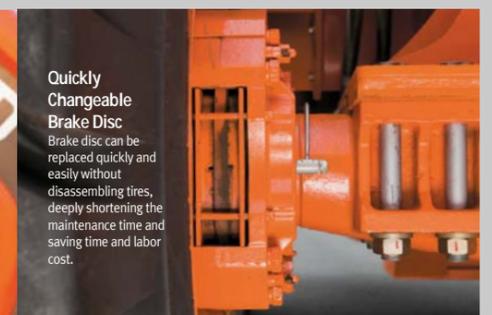
- Enough space,
- Wide visual field,
- Noise inside cabin is lower than comparative units.
- Comfortable operating space,
- Multi-angle adjustable steering wheel.



Full Tilting of Engine Cover
With this one body engine cover, it is easy to repair engine and sub parts.

Easy and Quick Adjustable Maintenance Window
The 180°side-opened maintenance window provides a quick and direct view for inspection, largely saving daily monitoring and maintenance time.

Inspection for High/Low Hydraulic Oil Level
Used to monitor the hydraulic oil level more easily to reduce maintenance time, improving device service lifetime.



Quickly Changeable Brake Disc
Brake disc can be replaced quickly and easily without disassembling tires, deeply shortening the maintenance time and saving time and labor cost.



High Efficiency Cooling Fan
The cooling fan of non-isometric blades can reduce noise and increase air flow.

Outdoor Power switch Used to cut off battery power when necessary to enhance maintenance safety and convenience while protecting the battery and extending battery life when the device is parked for a long time.