

# DISD

## SD 300 / SD 200



# Exceeding Expectations while Bearing High-load

SD300 / SD200 has set out to perfectly integrate world class technologies with a new low-speed engine creating a higher level of efficiency to save fuel while maintaining a level of power that will more than your expectations.



## Features Overview

- 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.
- Low-speed engine, saving more fuel for the device.





- 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.

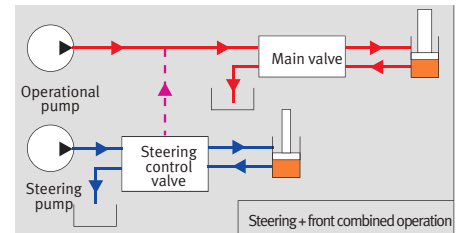
# SD 300 / SD 200

Powerful Wheel Loader

## High Efficiency and Super-Operating Performances

### Combined Loop

Reducing oil consumption and improving cooling performance.



SD300 Only





## Diesel Engine for Loader

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



## Performance

SD300 / SD200 features powerful performance under poor working conditions with high efficiency and fuel saving operation.



### 1 Fast Operating Speed

Significantly improved work progress, reduced work time, and reached excellent perfectly balanced for optimal work efficiency.

### 2 Strong Breakout Force

Released through the best combination of hydraulic systems, under any working conditions, to create outstanding results.

### 3 Centralized and Combined Switch

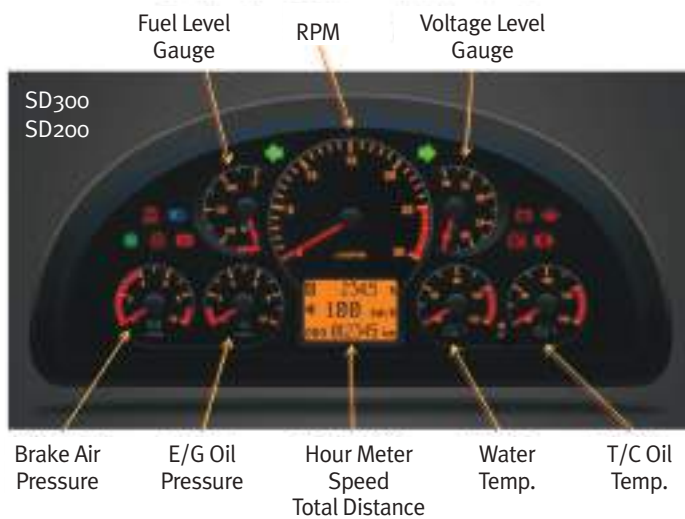
A button placed at the lower right of steering wheel, making it easy and convenient to control the operations of the electrical components on the loader.



#### Rearward Visual Field broadened by 20%

The rear end of the device adopts streamline design which largely broadens the rearward visual field of the operator, improving not only the work efficiency but also safety.

## Cabin with Ergonomic Design



#### New Operator Panel

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

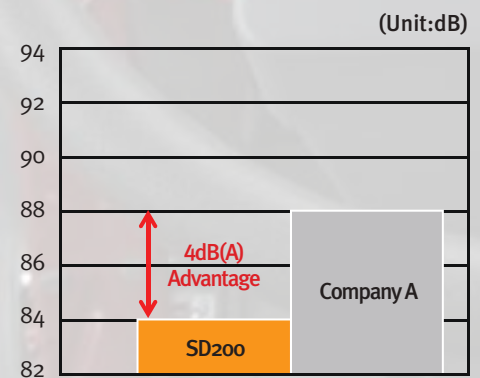
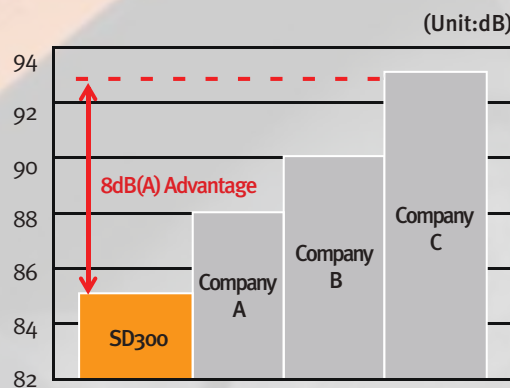
#### Air Flow Increased by 30%

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.

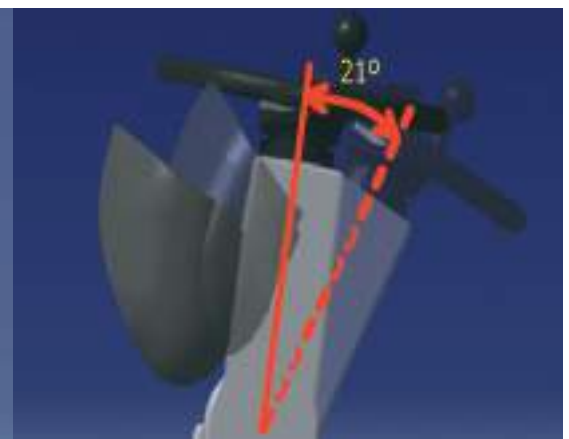
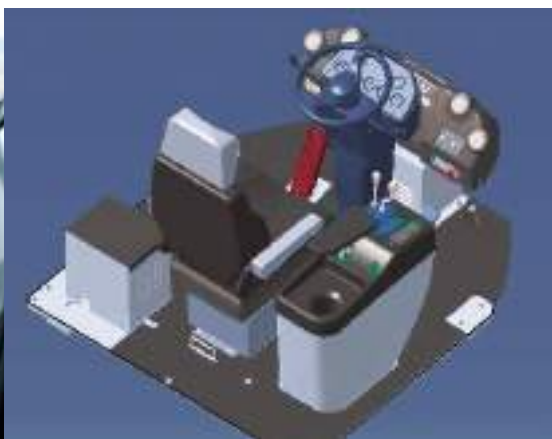
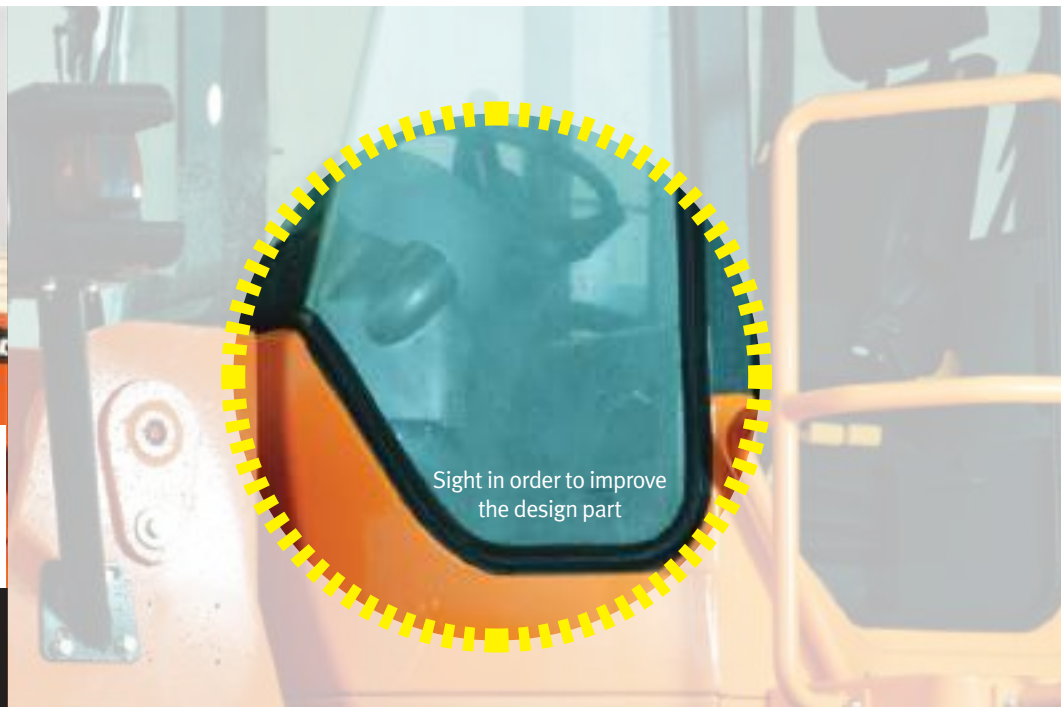


#### Lower Noise

Offering a quiet and comfortable working environment and improving efficiency.







#### Cabin

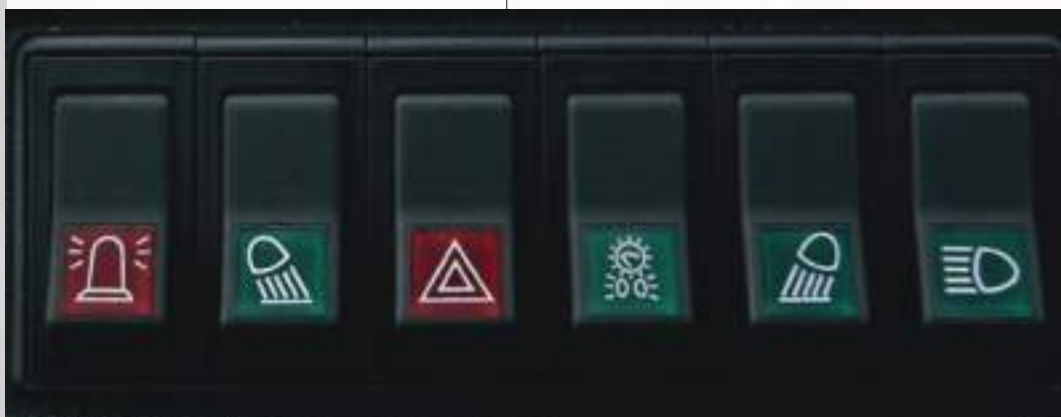
- Enough space.
- Wide visual eld.
- Noise inside cabin is lower than comparative units.
- Comfortable operating space.
- Multi-angle adjustable steering wheel.

#### Universal Cabin Features

- Human oriented design
- High grade appearance of international standards.
  - Wide operating space with low noise.

#### Adjustable Steering Wheel

- Complying with ergonomic principles
- Adjusting angle.
- Backward: 21°



#### Preheat

A starter designed for the actuation at low temperature in winter with mighty battery capacity, resolves starting diculties at low temperature with one key.

#### Easy Controlled Rocker Switches

All the switches are arranged in concentrated and combined ways, easy to operate, and complying with ergonomic principles.

#### High-quality Sound System

Relieving long time operating fatigue, equipped with USB port which can be connected with MP3 music player or mobile phone charging device.

# SD 300 / SD 200

Powerful Wheel Loader

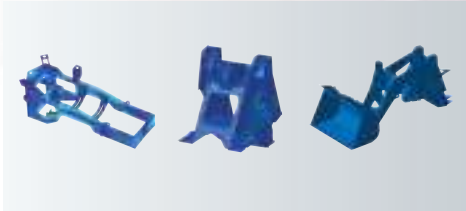
Solid and Durable, Extending Service Life,  
Saving Device Replacement Cost





### 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.



## Reliability

The highly reliable components and anti-abrasive material not only improved the durability of the device, but also enhanced its work efficiency and extended its service life.



### Reinforced Radiator Grill Molding

The rear radiator grill molding with steel bar structure is solid and can prevent damages from the outside.



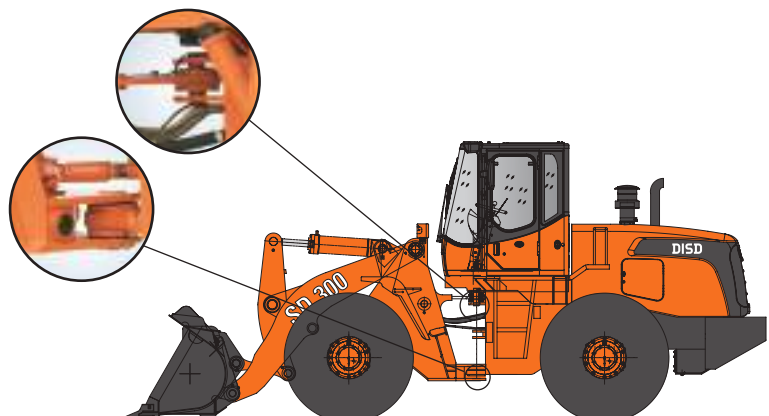
### Transmission Shaft : Double Bearing Drive Shaft (SD300)

- 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.



### 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

SD300 / 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.

# SD 300 / SD 200

Powerful Wheel Loader

Convenient Top-end  
Maintenance Management  
System





### Open-end Hood

The hood can be opened completely not only to refill oil/gas and replace inner parts but also for the daily maintenance of the engine its adjacent devices.



## Maintenance

The replacement cycle of vulnerable parts are substantially extended. Spacious maintenance space makes the maintenance work done more quickly and conveniently.



### High Efficiency Cooling Fan

The cooling fan of 7 non-isometric blades can reduce noise and increase air flow.



### 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.



### 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.



### 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.

# Technical specifications **SD300**

## ENGINE

MAKER & MODEL : Wei chai WD10G220E23  
(TIER-II Certified)  
RATED HORSE POWER : 162 Kw/2000 rpm  
MAX. TORQUE : 930 N.m  
FUEL CONSUMPTION : 225 g/kw.h @ RATED SPEED  
TYPE : TURBO,DIRECT INJECTION

DISPLACEMENT : 9726 cc  
NO. OF CYLINDER : 6  
BORE & STROKE : 126 X 130 (mm)  
HIGH IDLE SPEED : 2160~2240 rpm  
LOW IDLE SPEED : 750 rpm  
STARTING MOTOR : 24V X 7.5 kw

## ALTERNATOR :

VOLTAGE : 28 V  
RATING AMPERES : 55 A

## FAN :

TYPE : BLOWING , 7 BLADE, STEEL  
SIZE : Ø760 mm  
RPM @ MAX ENGINE RPM : 2000 rpm

## BATTERY :

SYSTEM VOLTAGE : 24 V  
QUANTITY : 12 V x 2  
CAPACITY : 120 AH

## RADIATOR :

TYPE (HEAT REJECTION AREA) : FLAT PLATE FIN,  
AIR COOL( =59.1 m<sup>2</sup> )  
HEAT REJECTION CAPACITY : 200,000 kcal /hr

## AIR CLEANER :

TYPE : DRY, DOUBLE ELEMENT  
FILTRATION AREA : 11.21 m<sup>2</sup> (MAIN),  
1.49 m<sup>2</sup> (STEER)  
SIZE (DIA. X LENGTH) : Ø290 mm X 450 mm

## TRANSMISSION OIL COOLER :

TYPE (HEAT REJECTION AREA) : PLATE, AIR  
COOL ( =23 m<sup>2</sup> )  
HEAT REJECTION CAPACITY : 75,000 kcal/hr

## MUFFLER :

DESCRIPTION : SIDE INLET, VERTICAL TAIL PIPE  
SIZE : Ø250 mm X 490 mm

## HYDRAULIC OIL COOLER :

TYPE (HEAT REJECTION AREA) : PLATE, AIR  
COOL ( =13.2 m<sup>2</sup> )  
HEAT REJECTION CAPACITY : 37,200 kcal/hr

## AXLES

### FRONT AXLE :

TYPE : FULLY FLOATING PLANETARY-TYPE HUB DRIVE  
FIXED MOUNTING  
OVERALL REDUCTION RATIO : 22.853  
AXLE LOAD (EMPTY CONDITION) : 8,500 kg  
AXLE LOAD (BREAKOUT CONDITION) : 27,000 kg  
WHEEL BOLT P.C.D : Ø475 mm  
BRAKE TYPE : DRY DISC  
BRAKE TORQUE per WHEEL : 13050 N.m at 140 bar  
DRIVE FLANGE : 9C

### REAR AXLE :

TYPE : FULLY FLOATING PLANETARY-TYPE HUB DRIVE  
TRUNNION MOUNTING  
OVERALL REDUCTION RATIO : 22.853  
AXLE LOAD (EMPTY CONDITION) : 8,500 kg  
AXLE LOAD (BREAKOUT CONDITION) : 27,000 kg  
WHEEL BOLT P.C.D : Ø475 mm  
BRAKE TYPE : DRY DISC  
BRAKE TORQUE per WHEEL : 13050 N.m at 140 bar  
DRIVE FLANGE : 7C MECHANICS

### TYRE & WHEEL :

TYPE : Tube, Bias  
TYPE SPEC. : 23.5 -25-16PR  
RIM SPEC. : 15.0 X 25  
DISC OFFSET : 4 mm

### TRAVELLING PERFORMANCE :

MAX. SPEED : 38.0 KPH  
MAX. TRACTIVE EFFORT : 16 TON  
GRADEABILITY : 30° (58%)

## TRANSMISSION

TYPE : 2 SPEED, POWER-SHIFT,  
PLANET,ENGINE REMOTE  
MOUNTED WITH PROPELLER SHAFT & DAMPER  
TORQUE CONVERTER STALL RATIO : 4.3  
TORQUE CONVERTER SIZE : 315mm  
CHARGING PUMP FLOW : 120 l/min at 2000 rpm  
HYDRAULIC PUMP P.T.O RATIO : 0.8667/1.022

POWER SHIFT CONTROL PRESSURE : 12~14 kgf/cm<sup>2</sup>  
CONVERTER SAFETY RELIEF PRESSURE : 11 kgf/cm<sup>2</sup>  
MAX. ROTATING SPEED : 2350 rpm  
SHIFT CONTROL : MECHANICAL TYPE  
OUTPUT FLANGE : FRONT - 9C MECHANICS  
REAR - 7C MECHANICS



**HYDRAULIC SYSTEM****MAIN PUMP :**

TYPE : FIXED GEAR  
 DISPLACEMENT : 100 cc/rev  
 MAX. FLOW RATE : 215 l/min  
 TANK PRESSURIZING DEVICE : SEMI  
 PRESSURISED (AIR BREATHER)

**STEERING & PILOT PUMP :**

TYPE : TANDEM, FIXED GEAR  
 DISPLACEMENT(STEER/PILOT) : 80 / 10 cc/rev.  
 MAX. FLOW RATE(STEER/PILOT) : 145 / 19 l/min

**CONTROL VALVE :**

TYPE : PILOT CONTROL WITH FLOAT SPOOL  
 NO. OF SPOOLS : 2  
 SPOOL ARRANGEMENT : BUCKET - LOADER ARM  
 RELIEF VALVE PRESSURE : 170 kgf/cm<sup>2</sup>  
 OVERLOAD RELIEF VALVE PRESS. : 190 kgf/cm<sup>2</sup>

**REMOTE CONTROL VALVE :**

TYPE : PILOT OPERATED TWO LEVER  
 (MONO LEVER) WITH MAGNETIC COILS  
 (DETENT COILS- ARM RAISE/FLOAT,  
 BUCKET CROWD)  
 PRESSURE/STROKE CHARACTER :  
 35 BAR @ 14 mm STROKE

**SEQUENCE VALVE :**

RELIEF PRESSURE : 35 bar

**AIR BREATHER :**

CRACKING PRESSURE : -0.05/0.35 (kgf/cm<sup>2</sup>)

**ACCUMULATOR ; BRAKE :**

CHARGE PRESSURE : 7.84 kgf/cm<sup>2</sup>  
 VOLUME : 34 L

**STEERING SYSTEM****PUMP :**

TYPE : GEAR  
 DISPLACEMENT : 80 cc/rev  
 CONSTANT FLOW : 145 l/min

**STEERING UNIT :**

TYPE : Coaxial Flow Amplifying  
 DISPLACEMENT : 1000 cc/rev.

**PRIORITY VALVE :**

LS CONTROL PRESSURE : 11 kgf/cm<sup>2</sup>  
 RATED PRESSURE : 140 kgf/cm<sup>2</sup>  
 CONVERGENCE DEVICES RELIEF PRESSURE :  
 140 kgf/cm<sup>2</sup>  
 MAX. OIL FLOW TO STEERING : 160 L/min

**MAINTENANCE**

Compartment /Grease Joint		No, Of C/G	Refill Capacity	Fluid or Lubricant	Service Interval (hr)	
					Lube	Filter
Cooling System		1	40 ℓ	WATER	2000	-
Fuel Tank		1	300 ℓ	DIESEL	-	500 (1st)
HYD. System		1	177 ℓ	ISO #46	2000	1000
Engine Crankcase		1	19 ℓ	SAE 15W40	500 (1st)	500 (1st)
Differential	Front	1	17 ℓ	GEAR OIL	1000 (1st)	-
	Rear	1	17 ℓ	GEAR OIL	1000 (1st)	-
Hub Reduction	Front	2	2 x 5 ℓ	GEAR OIL	1000 (1st)	-
	Rear	2	2 x 5 ℓ	GEAR OIL	1000 (1st)	-

# Technical specifications **SD200**

## ENGINE

MAKER & MODEL : Wei chai-Deutz WP6G125E22  
(TIER-II Certified)  
RATED HORSE POWER: 92 kW/2200rpm  
MAX. TORQUE: 500 N.m (1400-1500rpm)  
FUEL CONSUMPTION: 215g/kW.h @ RATED SPEED  
TYPE : TURBO, DIRECT INJECTION

DISPLACEMENT : 6754cc  
NO. OF CYLINDER : 6  
BORE & STROKE : 105 X 130 (mm)  
HIGH IDLE SPEED : 2376~2464 rpm  
LOW IDLE SPEED : 750 rpm  
STARTING MOTOR : 24V X 6kw

## ALTERNATOR :

VOLTAGE : 28V  
RATING AMPERES : 55A

## FAN :

TYPE : BLOWING, 6 BLADE, STEEL  
SIZE : Ø660 mm  
RPM @ MAX ENGINE RPM : 2200rpm

## BATTERY :

SYSTEM VOLTAGE : 24V  
QUANTITY : 12V X 2  
CAPACITY : 100 AH

## RADIATOR :

TYPE (HEAT REJECTION AREA) : FLAT PLATE  
FIN, AIR COOL ( =44 m<sup>2</sup> )  
HEAT REJECTION CAPACITY : 150,000 kcal /hr

## AIR CLEANER :

TYPE : DRY, DOUBLE ELEMENT  
FILTRATION AREA :  
SIZE (DIA. X LENGTH) :

## TRANSMISSION OIL COOLER :

TYPE (HEAT REJECTION AREA) : FLAT PLATE  
FIN, AIR COOL ( =17.8 m<sup>2</sup> )  
HEAT REJECTION CAPACITY : 58,000 kcal/hr

## MUFFLER :

DESCRIPTION : SIDE INLET, VERTICAL TAIL PIPE  
SIZE : Ø200 mm X 440 mm

## HYDRAULIC OIL COOLER :

TYPE (HEAT REJECTION AREA) : PLATE,  
AIR COOL ( =12.4 m<sup>2</sup> )  
HEAT REJECTION CAPACITY : 40,400 kcal/hr

## AXLES

### FRONT AXLE :

TYPE : FULLY FLOATING PLANETARY-TYPE HUB DRIVE  
FIXED MOUNTING  
OVERALL REDUCTION RATIO : 20.26  
AXLE LOAD (EMPTY CONDITION) : 7,200 kg  
AXLE LOAD (BREAKOUT CONDITION) : 18,500 kg  
WHEEL BOLT P.C.D : Ø404mm  
BRAKE TYPE : DRY DISC  
BRAKE TORQUE per WHEEL : 9660 N.m at 98 bar  
DRIVE FLANGE : 9C

### REAR AXLE :

TYPE : FULLY FLOATING PLANETARY-TYPE HUB DRIVE  
FIXED MOUNTING  
OVERALL REDUCTION RATIO : 20.26  
AXLE LOAD (EMPTY CONDITION) : 7,200 kg  
AXLE LOAD (BREAKOUT CONDITION) : 18,500 kg  
WHEEL BOLT P.C.D : Ø404mm  
BRAKE TYPE : DRY DISC  
BRAKE TORQUE per WHEEL : 9660 N.m at 98 bar  
DRIVE FLANGE : 9C

### TYRE & WHEEL :

TYPE : Tube, Bias  
TYPE SPEC. : 17.5-25-12PR  
RIM SPEC. : 14.0/1.5-25

### TRAVELLING PERFORMANCE :

MAX. SPEED : 40.0 KPH  
MAX. TRACTIVE EFFORT : 10 TON  
GRADEABILITY : 30° (58%)

## TRANSMISSION

TYPE: 4 FORWARD & 2 BACKWARD POWER-SHIFT,  
SHAFT-FIXED, ENGINE REMOTE  
MOUNTED WITH PROPELLER SHAFT & DAMPER  
TORQUE CONVERTER STALL RATIO: 3.15  
TORQUE CONVERTER SIZE: 315 mm  
CHARGING UMP FLOW: 64 L/min @2200rpm  
HYDRAULIC PUMP P.T.O RATIO: 0.9387

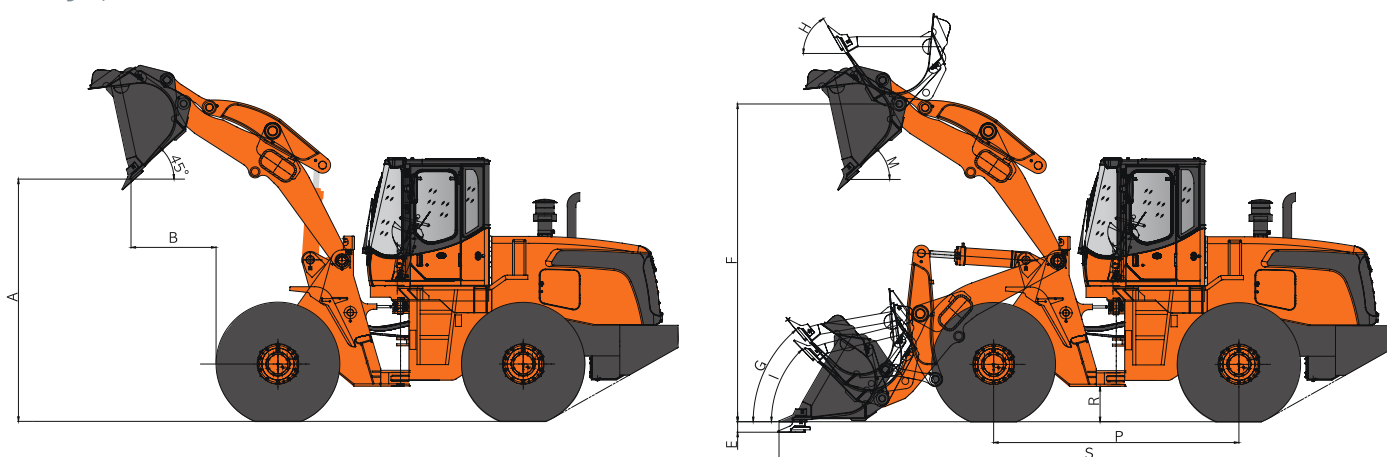
POWER SHIFT CONTROL PRESSURE: 12 ~ 14 kgf/cm<sup>2</sup>  
CONVERTER SAFETY RELIEF PRESSURE: 11 kgf/c m<sup>2</sup>  
MAX. ROTATING SPEED: 2500rpm  
SHIFT CONTROL: MECHANICAL TYPE  
OUTPUT FLANGE: FRONT-9C MECHANICS  
REAR-9C MECHANICS



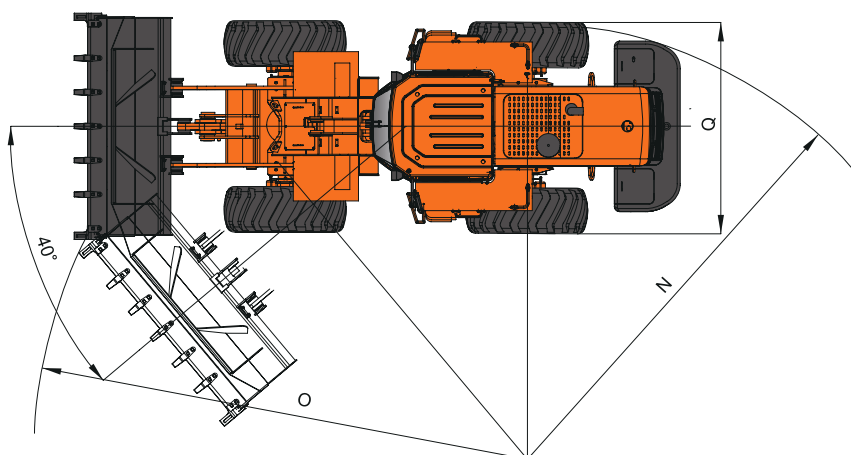
# Dimensions

## SD300 / SD200 Dimension and Working Ranges

SD300 / SD200



SD300 / SD200



## SD 300 /SD 200

SD300							SD200			
Bucket type			General purpose		Light material	Rock	High Lift	General purpose	Light material	High Lift
Configuration	Code	Unit	Teeth(Std.)	Teeth	Base Edge	Teeth	Teeth	Teeth(Std.)	Base Edge	Teeth
Capacity heaped ISO/SAE		m <sup>3</sup>	2.7	3.0	4.0	2.7	2.7	1.7	2.2	1.7
		yd <sup>3</sup>	3.5	3.9	5.2	3.5	3.5	2.2	2.9	2.2
Bucket width		mm	2,992	2,992	3,092	2,960	2,992	2,506	2,506	2,506
		ft in	9'9"	9'9"	10'1"	9'8"	9'9"	8'2"	8'2"	8'2"
Breakout force		kN	161	161	132	161	150	96	92	94
		lbf	36,194	36,194	29,675	36,194	33,721	21,582	20,682	21,132
Static tipping load (straight)		kg	11,800	11,800	11,730	11,670	9,670	8,000	7,580	7,850
		lb	26,015	26,015	25,860	25,728	21,319	17,637	16,711	17,306
Static tipping load (at 40°)		kg	10,400	10,400	10,330	10,280	8,520	6,400	6,064	6,280
		lb	22,928	22,928	22,774	22,663	18,783	14,110	13,369	13,845
Dump height (at 45°) <sup>1)</sup> (at fully raised)	A	mm	3,127	3,127	3,092	3,097	3,320	2,800	2,780	3,110
		ft in	10'3"	10'3"	10'1"	10'2"	10'10"	9'2"	9'1"	10'2"
Dump reach (at 45°) <sup>1)</sup> (at fully raised)	B	mm	1,215	1,215	1,237	1,235	1,340	1,170	1,200	1,065
		ft in	3'11"	3'11"	4'	4'	4'4"	3'10"	3'11"	3'6"
Digging depth	E	mm	105	105	105	105	155	50	50	75
		ft in	4"	4"	4"	4"	6"	2"	2"	3"
Height at bucket pivot point	F	mm	4,150	4,150	4,150	4,150	4,410	3,740	3,740	4,030
		ft in	13'7"	13'7"	13'7"	13'7"	14'5"	12'3"	12'3"	13'2"
Max. tilt angle at carry position	G	•	50	50	50	50	51	50	50	50
Max. tilt angle at fully raised	H	•	60	60	60	60	60	60	60	60
Max. tilt angle at ground	I	•	45	45	45	45	45	45	45	45
Max. dump angle at fully raised	M	•	48	48	48	48	49	45	45	45
External radius at tire side	N	mm	5,900	5,900	5,900	5,900	5,900	5,250	5,250	5,250
		ft in	19'4"	19'4"	19'4"	19'4"	19'4"	17'2"	17'2"	17'2"
External radius at bucket edge	O	mm	6,510	6,510	6,560	6,550	6,790	5,710	5,750	5,870
		ft in	21'4"	21'4"	21'6"	21'5"	22'3"	18'8"	18'10"	19'3"
Wheel basis	P	mm	3,200	3,200	3,200	3,200	3,200	2,850	2,850	2,850
		ft in	10'6"	10'6"	10'6"	10'6"	10'6"	9'4"	9'4"	9'4"
Width at tyres	Q	mm	2,976	2,976	2,976	2,976	2,976	2,290	2,290	2,290
		ft in	9'9"	9'9"	9'9"	9'9"	9'9"	7'6"	7'6"	7'6"
Tread		mm	2,240	2,240	2,240	2,240	2,240	1,840	1,840	1,840
		ft in	7'4"	7'4"	7'4"	7'4"	7'4"	6'	6'	6'
Ground clearance	R	mm	450	450	450	450	450	340	340	340
		ft in	1'5"	1'5"	1'5"	1'5"	1'5"	1'1"	1'1"	1'1"
Overall length	S	mm	8,080	8,080	8,130	8,120	8,360	6,900	6,940	7,060
		ft in	26'6"	26'6"	26'8"	26'7"	27'5"	22'7"	22'9"	23'2"
Overall height		mm	3,470	3,470	3,470	3,470	3,470	3,280	3,280	3,280
		ft in	11'4"	11'4"	11'4"	11'4"	11'4"	10'9"	10'9"	10'9"
Operating weight		kg	16,800	16,850	17,020	17,130	17,100	10,400	10,460	10,420
		lb	37,038	37,148	37,523	37,765	37,699	22,928	23,060	22,972

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

2) All measurements with tyres 23.5-25-16PR(L3).

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

2) All measurements with tyres 17.5-25-12PR.



**HYDRAULIC SYSTEM****MAIN PUMP :**

TYPE : FIXED GEAR  
 DISPLACEMENT : 100cc/rev  
 MAX. FLOW RATE : 192l/min  
 TANK PRESSURIZING DEVICE : AIR BREATHER

**STEERING & PILOT PUMP :**

TYPE : FIXED GEAR  
 DISPLACEMENT(STEER/PILOT) : 100/10cc/rev.  
 (STEER, SHARING with MAIN PUMP)  
 MAX. FLOW RATE(STEER/PILOT) : 192/19L/min  
 (STEER, SHARING with MAIN PUMP)

**CONTROL VALVE :**

TYPE : PILOT CONTROL WITH FLOAT SPOOL  
 NO. OF SPOOLS : 2  
 SPOOL ARRANGEMENT : BUCKET - LOADER ARM  
 RELIEF VALVE PRESSURE : 170 kgf/cm<sup>2</sup>  
 OVERLOAD RELIEF VALVE PRESS. : 190 kgf/cm<sup>2</sup>

**REMOTE CONTROL VALVE :**

TYPE: PILOT OPERATED TWO(MONO)  
 LEVER WITH MAGNETIC COILS  
 (DETENT COILS-ARM RAISE/FLOAT,  
 BUCKET CROWD)  
 PRESSURE : 35 bar

**SEQUENCE VALVE :**

RELIEF PRESSURE : 35 bar

**ACCUMULATOR ; BRAKE :**

CHARGE PRESSURE : 7.84 kgf/cm<sup>2</sup>  
 VOLUME : 34L

**STEERING SYSTEM****PUMP :**

TYPE : GEAR  
 DISPLACEMENT : 100 cc/rev  
 (SHARING with MAIN PUMP)  
 CONSTANT FLOW : 192 l/min  
 (SHARING with MAIN PUMP)

**STEERING UNIT :**

TYPE : Coaxial Flow Amplifying  
 DISPLACEMENT : 630cc/rev.

**PRIORITY VALVE :**

LS CONTROL PRESSURE : 11 kgf/cm<sup>2</sup>  
 RATED PRESSURE : 140 kgf/cm<sup>2</sup>  
 MAX. OIL FLOW TO STEERING : 160 L/min

**MAINTENANCE**

Compartment / Grease Joint		No, Of C/G	Refill Capacity	Fluid or Lubricant	Service Interval (hr)	
					Lube	Filter
Cooling System		1	24 ℓ	WATER	2000	-
Fuel Tank		1	150 ℓ	DIESEL	-	500 (1st)
HYD. System		1	126 ℓ	ISO #46	2000	1000
Engine Crankcase		1	14 ℓ	SAE 15W40	500 (1st)	500 (1st)
Differential	Front	1	9 ℓ	GEAR OIL	1000 (1st)	-
	Rear	1	9 ℓ	GEAR OIL	1000 (1st)	-
Hub Reduction	Front	2	2 X 4.5 ℓ	GEAR OIL	1000 (1st)	-
	Rear	2	2 X 4.5 ℓ	GEAR OIL	1000 (1st)	-

# Operational Data

## Option Plan

	Classification	SD300	SD200	Remarks
BUCKET	1.7 m <sup>3</sup> - General purpose	X	■	
	2.2 m <sup>3</sup> - Light material	X	●	
	2.7 m <sup>3</sup> - General purpose	●	X	
	3.0 m <sup>3</sup> - General purpose	■	X	
	2.9 m <sup>3</sup> - Cutting edge	●	X	
	3.2 m <sup>3</sup> - Cutting edge	●	X	
	2.7 m <sup>3</sup> - Rock version	●	X	
	4.0 m <sup>3</sup> - Light material	●	X	
WORK LEVER	Mono lever	■	■	
	Two lever	●	●	
Tire (Tube Type)	Xulun	X	■	17.5-25-12PR
	Xulun	■	X	23.5-25-16PR
	Feng shen	●	X	For desert, 23.5-35-16PR
	Triangle	●	X	23.5-25-16PR
Tire (Tubeless Type)	Xulun	●	X	23.5-25-16PR
	Triangle	●	X	23.5-25-16PR
	Triangle, Radial	●	X	23.5R25
	Standard	■	■	
FRONT	Standard	■	■	
	High Lift (Long boom)	●	●	Equipped with 2.7m <sup>3</sup> bucket on a 5 ton long boom 3.0m <sup>3</sup> / 4.0m <sup>3</sup> bucket available only for the coal digging bucket (For SD300)
T/M	LZ ZF -F4 - R3	X	X	
	DISD - F2 / R1	X	X	
	Hangchi	■	X	
	Jingyi	X	■	
COOLING	STD	■	■	
	Tropical specification	X	X	
CABIN	General grass	■	■	
	Tinted glass	●	●	

\* STANDARD : ■ / OPTION : ● / None : X

# DISD

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