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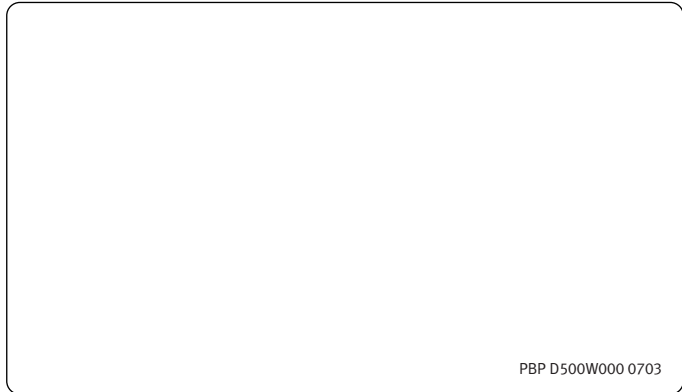
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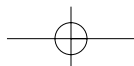
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PBP D500W000 0703

The illustrations do not necessary show the product in standard version.
All products and equipment are not available in all markets.
Materials and specifications are subject to change without prior notice.





Doosan Infracore
Construction Equipment

DL500

Engine Power : SAE J1995, gross 250 kW(335 HP)@ 1,900 rpm

Operational Weight : 29,800 kg (65,697 lb) - STD.

Bucket capacity(SAE) : 4.5 ~ 5.2 m³(5.9 ~ 6.8 cu.yd)





Wheel loader : DOOSAN DL500

A Powerful Wheel loader with Novel Features

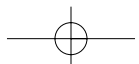


DL 500

The new DL500 wheel loader has all the advantages of the previous loaders. This logical new step provides real added value to the operator.



The new DL500 was developed with the concept of “providing optimum value to the end user.” In concrete terms, this translates, into :





Increased production due to the use of a new generation "Common Rail" engine and the excellent synchronisation of the drive train with the hydraulics system.

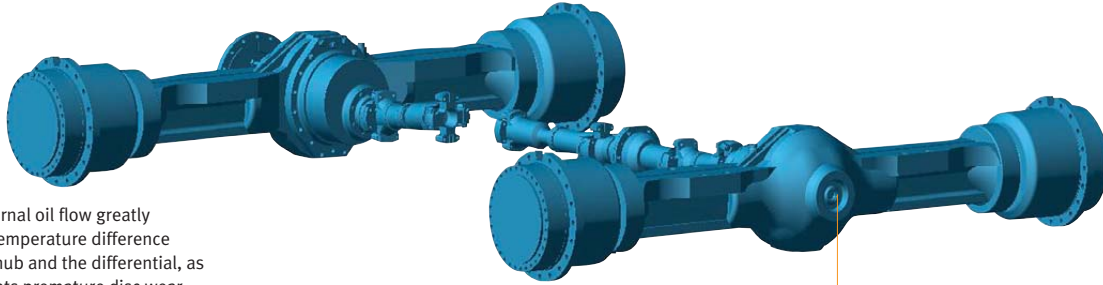
Improved ergonomics, increased comfort and excellent all round visibility ensuring safe and pleasant working conditions.

Improved reliability through the use of higher performance new materials, the development of new computer-assisted structural design techniques and by intensive and systematic test programs. All of these combine to increase the life of vital components and reduce operating costs.

Reduced maintenance increases the availability of the loader and reduces operating costs.

PERFORMANCE

DL500 features an intelligent, load-sensing hydraulic system. Two variable piston pumps provide the exact flow and pressure required and deliver a powerful, highly effective force, offering superior penetration of the hardest materials. The exceptional drawbar pull at the wheels, is reinforced further by providing limited-slip differentials as standard equipment. The engine offers high power and torque characteristics. As a result, the hydraulic system is able to multi-function with power and speed.

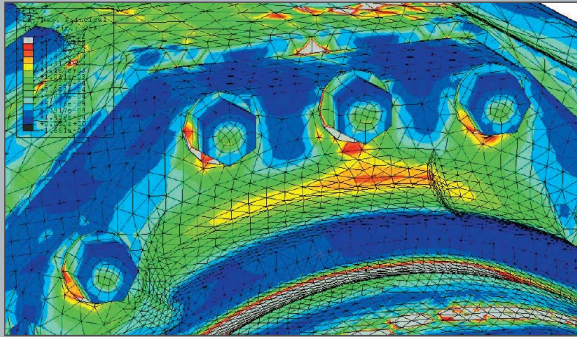


Axle

Improved internal oil flow greatly reduced the temperature difference between the hub and the differential, as well as prevents premature disc wear due to overheating of the internal hub components.

LSD (Limited Slip Differential)

The standard equipment LSD allows easy driving through soft and swampy grounds.



Axle Insert Housing optimized

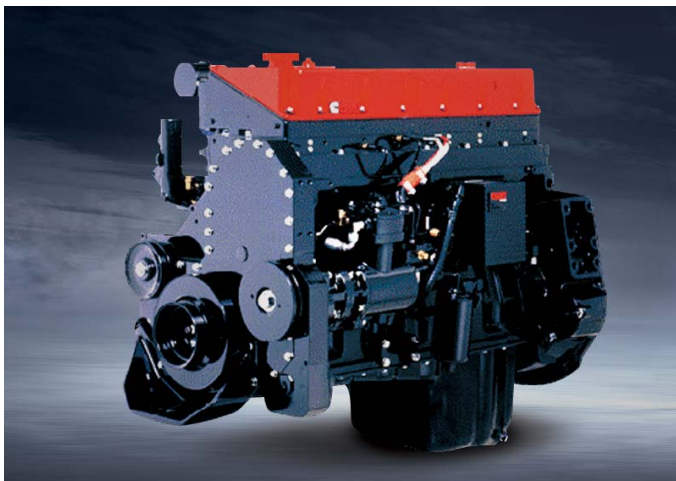
- The stress of the axle insert housing is decreased by not changing the connection to the vehicle.
- Flange thickness increased, this leads to longer screw and therefore to an improvement of the screw connection.
- Optimized were the axle housing and axle insert housing by FEA.

DL4000/R differential applied

- Reduced contact pressure friction disc and splines
- Upgraded material for side and spider gear
- Increased differential bearing size

Park Brake applied

- Brake system better protected against contamination
- Easier access to the component
- 5% higher brake torque because of larger brake disc size
- 23% higher brake torque because of brake lining w/ higher static friction coefficient.



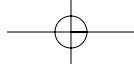
Cummins QSM11 Engine

The QSM11 low emission engine combines a patented high pressure unit injector system with full authority electronics for superior low-end performance with a strong torque rise.



Full Auto Transmission

The electronic powershift transmission is particularly smooth and gear ratios perfectly spaced to give optimal speed. That gives comfort at the same time that it delivers excellent traction in every working conditions. Built-in electronic controls enhance productivity and durability. The free wheel stator torque converter improves power train efficiency in load and carry operations which contributes to the improved fuel efficiency.

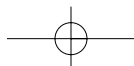


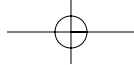
DL500



Hydraulic Power Steering

Works with a flow amplifier and priority valve. And the emergency steering system is equipped as an option to secure a safety against a malfunction of steering system during traveling.





COMFORT

DL500

From the beginning, Doosan has had great concern for machine operators. People need to work in a well-designed and comfortable environment. The work area is spacious, with several places for storage. The checking and monitoring devices are comprehensive. There is an open view of the work area. For night work, operators are provided with powerful front and rear lighting.



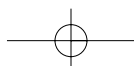
Noise Level

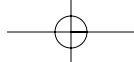
- LwA Surface Sound Power Level : 108dB(A) (ISO 6395)
- LpA Operator's Cabin noise level : 72dB(A) (ISO 6396)



The steering Column

The steering column features both tilting and telescopic functions.





Air Conditioning & Defroster System

Double filtered air cab, air ducts are properly placed all around the cab with proportional sensitive controls and air re-circulation facility. we offer the same comfort as a passenger car.



Outside mirrors with built-in hot wires

The hot wires built in the outside mirrors get rid of moisture and frost caused by rain or snow to secure rear fields of vision even in bad weather.



3" Safety belt
- Retractable seat belt

Air-Suspension & Heating Seat (Opt.)

Now available Air-suspension seats provide more comfort and support for the operator. The built-in hot wires help to rapidly adjust the temperatures to an optimal level to give comfort in the cold winter.



Switch

The ergonomically laid out switch panel in line with the natural movements of the body allows for very convenient operation. The spare electric cut-outs allows easy installation of additional electric accessories.



Various Control Lever

The joystick installed in compliance with various needs and preferences of operators ensures more convenient work.

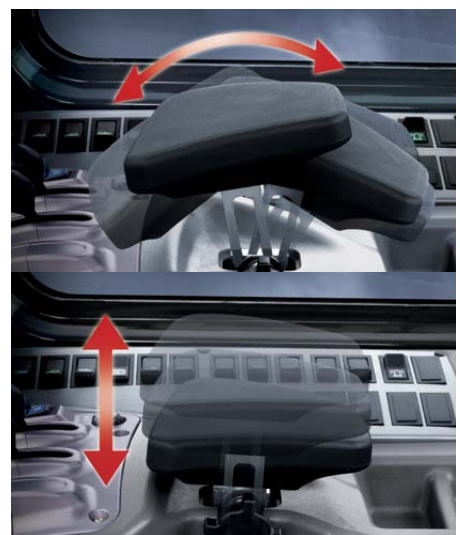


Central Monitor Panel

The compact central monitor panel is ergonomically designed and allows the operator to monitor the status and warning lights at a single glance.

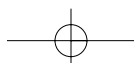


Sunvisor & Room mirror(Std.)



Wrist rest

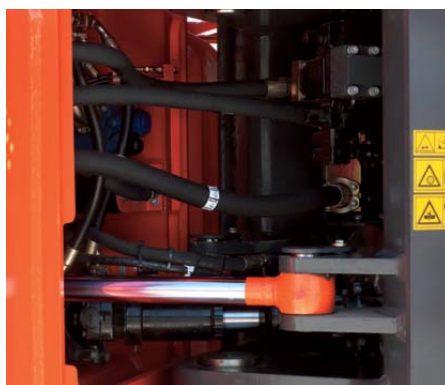
The tilting and telescopic wrist rest allows the operator to work more comfortably.



MAINTENANCE

DL500

A liquid crystal display conveys information to the operator relative to the ZF transmission. At the same time, it reports the nature of a problem (if one exists). When servicing the loader, a specialised apparatus can be used to adjust the clutch disks to compensate for their wear. Additionally, by connecting a laptop computer, a complete transmission diagnostic can be performed.

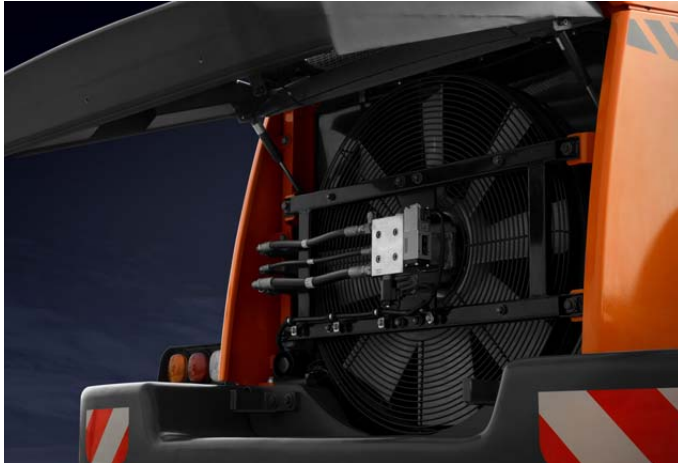
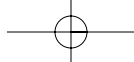


A good accessibility at the articulation joint is essential for an easy maintenance.



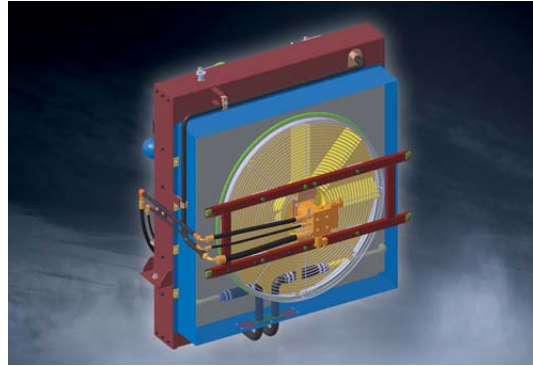
Transmission & Engine Diagonosis

The transmission and engine can be diagnosed using a laptop computer to interface with the diagnostic system.



Hydraulically operated reversible fan

With electronic control of the variable speed on-demand fan, temperature levels of the engine coolant, transmission oil are constantly monitored. Controlled fan speed improves fuel efficiency, lowers noise levels and reduces radiator plugging. The hydraulic fan can be switched to reverse operation from the cabin for quickly clean out the cooling system.



Large Capacity Transmission Oil Cooler

The large capacity transmission oil cooler ensures durable and stable operation of transmission.



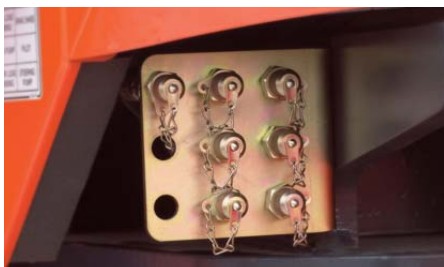
Remote Engine oil & Coolant Drain

Remote drain valves have been installed in an easily accessible location for convenient draining of fluids. (Coolant - Right, Engine oil - Left)



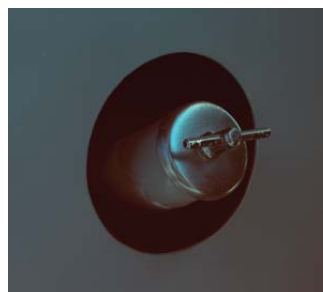
Remote Greasing Lubrication Ports

The front pins can be lubricated from the outside of the machine without crawling under the machine or in awkward positions through the lubrication ports.



Central Remote Hydraulic Pressure Check Port

The centralized remote hydraulic check ports allow main, steering, brake charge, pilot, load-sensing signal and transmission clutch pressures to be checked at a convenient central location.



Propeller Shaft

A protective cover has been installed to protect the oil seal from dust, foreign objects and premature wear.



Convenient Transmission Oil Filling

The oil filler pipe is located near the articulation joint for easy access.



Transmission Filter

The transmission filters are within easy reach and like the rest of the machine's service components, can be checked from ground level.



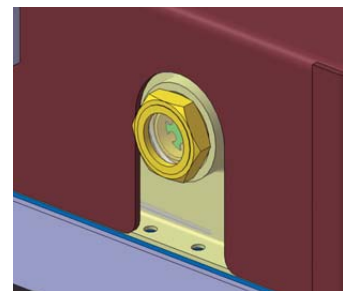
Air-Cleaner Filter

The high capacity air cleaner eliminates harmful particles from the air and extends the life of the engine and replacement intervals.



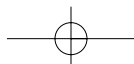
Brake & Pilot Filter

The brake & pilot filter is easy to replace and a clogged filter warning system has been added for extra protection.



Sight Gauges

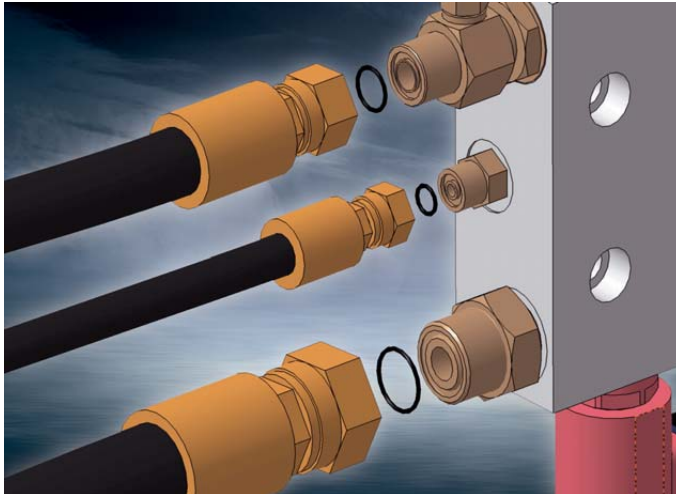
Well-located, yet easily visible sight gauges for the hydraulic oil and radiator coolant allow easy daily checks while reducing the risk of contaminants entering the systems.



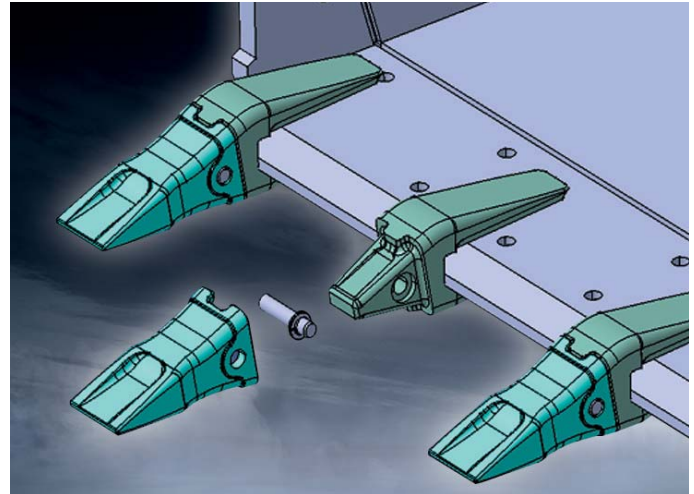
RELIABILITY

DL500

Every morning, when the operators commence work, they know that things will go smoothly- because Doosan has taken care of it. The product is solid. Operators know that they have significant reserves at hand and that they won't have to push the machine to its limit. The Doosan DL500 wheel loader is designed and built to last. For Doosan, 'reliable' means availability, accessibility and simplicity.



ORFS(O-Ring faced Seal)-All Ports(Even in Pilot line and Low pressure line)



2-piece type tooth(Pin-on+Bolt-on adapter)

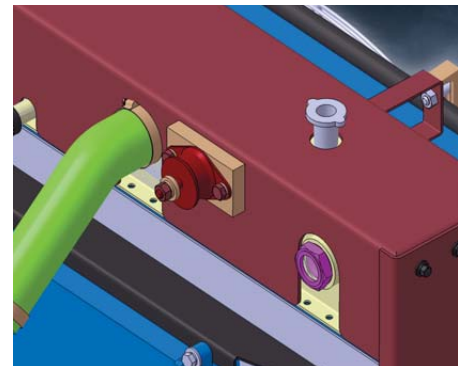


Covering(On pin-end) Pin & Bush Improved

- Increase Diameter
- Bronzed Bush
- Chrome-plated Pin



Radiator Grill (Steel structure)



Rubber-mounting (for Radiator: Lateral 2EA / Vertical 2EA)



Fender-Edge(Opt.)



Hydraulic Oil Return Filter

The high-efficiency, large-capacity return filter manufactured with the glass-fiber media can eliminate foreign substances up to 99.5 percent to protect the costly hydraulic equipment and substantially extend the replacement cycle.

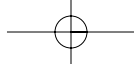


Front combination lamp

With the application of high-grade Hella products, the lamp life has extended much more.

Rear combination lamp

A semi-permanent lamp life has been secured with the application of LED-type stop and position lamps.



STANDARD AND OPTIONAL EQUIPMENT

* STANDARD EQUIPMENT

■ Engine

- Three stage air cleaner with TURBO-2 pre-cleaner, inner filter, and external plugging indicator as at the dashboard
- Water separator with fuel filter
- Crankcase Ventilation oiltrap system
- Preheating of induction air
- Two fuel filters
- Coolant filter
- Hydraulically driven fan with bi-direction flow for core cleaning Proportional to fluid temperature
- External drains for engine oil and coolant
- Electric driven fuel feeding pump
- Mode selector switch for the engine power (Standard / Economy mode)
- Self-diagnosis function

■ Lifting and Hydraulic system

- Robust Z bar lifting system
- General purpose bucket 4.8m³ (SAE,heaped)
- Finger-tip lever(mono lever is option)
- Hydraulic control valve with two sections
- Automatic boom kick out
- Automatic bucket return to dig
- Fast couplers for hydraulic check
- Variable displacement piston pump and load sensing hydraulic system

■ Steering system

- Load sensing steering system

■ External equipments

- Lower protection plates
- Lifting hooks
- Articulation lock in the transport position
- Towing hitch
- Tools compartment
- Fender

■ Electric System

- Alternator 70A / 24 V
- Working lights : 2 at the front and 4 at the rear (6 x 70W)
- Driving lights: low and high beams
- Tail indicators, stop, reversing lights
- Reversing alarm

■ Loader Linkage

- Z-bar loader linkage

■ Drive line and Brake system

- Gear box which can be declutched when braking
- Gear box with diagnosis and monitoring indicator, and electronic plug for a fast adjustment
- Mode selector switch for the transmission (Manual / Auto 1 <- > 4 / Auto 2 <- > 4)
- Starting safety system
- Kickdown and travelling direction selection: lever at left of the steering wheel or on the joystick
- Limited slip differential on front and rear axles
- Dual brake circuits with accumulator
- Tire 29.5 - 25 - 22PR (L3)
- Dual service brake pedals
- Secondary brake system
- Parking brake on the transmission, electric-hydraulic

■ Cab

- Air-conditioning / heating with recirculation function
- Double Filtered air cab
- Air Suspended seat with safety belt(2")
- Adjustable steering column
- Compartment for cans
- Floor mat
- Tinted glasses
- Left sliding window
- Front and rear wiper
- Front and rear washers
- Sun visor
- Interior cab light
- Interior room mirror (2)
- Exterior rear view mirrors (2)
- Machine monitoring (condition, control & maintenance indicators in front of the driver by dials, gauges and lamps)
- Main switches in front of the driver (Starter & hazard switches)
- Switches for the general functions in the right console
- Electrical horn
- Cigarette lighter
- Cassette radio AM / FM
- 12 Volt socket
- Cup holder
- Compartment for Shoes
- Glass antenna
- Heatwire in side mirror
- ROPS Cabin(Rollover Protective Structure): ROPS Meets The Following Criteria - SAE 1040 , ISO 3471
- FOPS Cabin(Falling Objects Protective Structure): FOPS Meets The Following Criteria - SAE J 231, ISO 3449
- Digital clock
- Coat hook

* OPTIONAL EQUIPMENT

Some of these optional equipments may be standard in some markets. Some of these optional equipments cannot be available on some markets. You must check with the local Doosan dealer to know about the availability or to release the adaptation following the needs of the application.

■ Ground Engaging Tools

- Various types of buckets, Pallet fork, timber grapples and accessories

■ Tyres

- L3, L4, L5 following various types of manufacturers

■ Hydraulic

- Hydraulic 3rd function control valve
- FNR mono lever with 3rd function lever for third section
- Two hydraulic levers for 2 sections function
- Three hydraulic levers for 3 sections function
- Load isolation system (LIS)
- Emergency steering pump driven by electric motor
- Hydraulically driven fan with adjustable speed proportional to fluid temperature and bi-direction flow for core cleaning

■ Electric system

- Rotating beacon
- Additional lighting

■ Cab

- Rear Camera (CCTV) and monitor
- MP3 / CD player
- Air suspension seat with 3" belt

■ Various

- Additional counterweight
- Tool Kit
- Mudguard

■ External equipments

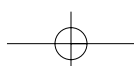
- Full fender with rubber protector
- Wheel chocks

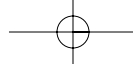
■ Loader Linkage

- Z-bar high lift loader linkage

■ Bucket and Attachments

- Bolt-on teeth (BOT) 4.8m³ (6.3 cu.yd.)
- Bolt-on cutting edge (BOC) 5.2m³ (6.8 cu.yd.)
- Bolt-on teeth & segments 5.2m³ (6.8 cu.yd.)
- Rock bucket 4.5m³ (5.9 cu.yd.)
- Bolt-on teeth with Wear Plate 4.8m³ (6.3 cu.yd.)





TECHNICAL SPECIFICATIONS

* ENGINE

General description

The high performance Cummins QSM11 combined a 6 cylinder in-line, high-pressure unit injector fuel injection system with electronically controlled direct injection and turbo charged air to air intercooler offers low fuel consumption and emission.
(Phase I Area: Cummins QSM11)

-GROSS SAE J1995

Rated Power :

250 kW @ 1,900rpm
335 HP @ 1,900rpm
340 ps @ 1,900rpm

Max. Power :

360 HP @1,600 rpm

Max. Torque :

171 kgf.m @ 1,400rpm
1,677 Nm @ 1,400rpm
1,237 lbf.ft @ 1,400rpm

Displacement :

10,800cc (659cu.in)

Bore x stroke :

∅125x147(4.9"x5.8")mm

Wet replaceable cylinder liner

3 stages Air cleaner including a very efficient pre-cleaner, main and safety elements.

Hydraulically driven puller type fan with possibility of adjustment.

Battery :

System voltage : 24V
Quantity : 12Vx2
Capacity(AMP) : 150Ah

Starter power :

24Vx7.5kW

Alternator output :

70A

* AXLES

The front and rear axles with planetary hub reductions are built on the base of very reputed components.

Fitted as standard, the front and rear limited slip differentials, ensure the traction is optimal in all circumstances.

Maker and model :

ZF AP420-R Series

LSD Differential :

Front (45%) / Rear (45%)

Oscillation angle :

+/- 10°

Brake :

Dual circuit multi-plate wet discs.
Hydraulic actuation with pump and accumulator.

A spring applied and hydraulically released parking brake is mounted on the transmission shaft.

* TRANSMISSION

"Full Power Shift" transmission. It can be used in manual or automatic modes.

This transmission is based on components having excellent worldwide reputations. It is equipped with a modulation system allowing soft gear shifting and inversion of travel direction. Safety devices also protect the transmission of bad operations.

The gear and direction shifting is operated by a single lever to the left of the steering wheel. A travel direction control is also mounted on the hydraulic joystick.

With a special electronic device, the transmission can be tested and adjusted easily for optimum performance and efficiently.

The transmission can be de-clutched by the operation of brake pedal to increase the power available to the hydraulic pumps.

A safety device prevents the starting of the engine when not in neutral.

Torque converter :

Type : 4speed, Full auto power-shift,
Countershaft, Engine remote
mounted with propeller shaft and
damper

Stall ratio : 2.51

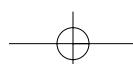
Gear box :

Maker and model

ZF 4 WG 310

Speed Forward/Rearward :

1	6.2 / 6.2 km/h (3.9 / 3.9 mph)
2	11.5 / 11.5 km/h (7.1 / 7.1 mph)
3	18.0 / 24.4 km/h (11.2 / 15.2 mph)
4	35.0 km/h (21.7 mph)



* HYDRAULIC SYSTEM

Two load-sensing axial piston pumps with variable displacement.

Main control valve of double acting 2-spool is controlled by standard single lever.

Automatic boom kick out and bucket return to dig. Is standard.

All of hydraulic lines are equipped with special seals (ORFS)

Max flow main:

(With steering)

232ℓ / min

(Without steering)

464ℓ / min

Working Pressure:

250 bars

Pressure of the pilot circuit:

30 bars

Filtration capacity on the return line:

10 microns

Loading cycles time:

Lifting speed (loaded) :

6.0 sec

Dumping speed (loaded) :

1.8 sec

Lowering speed (empty) :

4.3 sec

* OPERATOR' CAB

The modular cab allows excellent visibility in all directions. The optimal ventilation is obtained by numerous ventilation outlets. Touch buttons control the air re-circulation air conditioning and heating systems. The air of the cab is filtered.

All necessary information for the operator are centralized in front of him.

The main functions are actuated via switches located on a console at the right of the operator.

Generous storage places are well located. The cab, mounted on viscous element and equipped with an air suspended seat, offers a better comfort for the operator.

Access door: 1

Emergency exits: 2

The cab conforms ROPS ISO 3471 and FOPS : ISO 3449

Guaranteed external noise level Lwa:

(following ISO 6395, 2000 / 14 / EC)
108 dB(A)

* STEERING

The steering system is a load sensing type with a flow amplifier and a priority valve.

Steering angle :

40°

Oil flow :

232ℓ /min@2000 rpm, rated

Working pressure :

185 bars

Steering cylinders (2) :

bore x stroke : 110 x 465 mm (4.3" x 1'6")

Emergency steering system with hydraulic pump driven by electric motor.

* LIFTING SYSTEM

The lifting system with two cylinders and Z configuration is designed for the toughest jobs. The breakout force (27.3 ton with a 4.8m³ bucket) is very important and the bucket movements are fast.

The bucket angles are well kept in good positions on all the range of bucket movement.

Lifting cylinders (2)

bore x stroke : 190 x 899 mm (7.5" x 2'11")

Bucket cylinders (1)

bore x stroke : 230 x 575 mm (9.0" x 1'11")

* MAINTENANCE

Maintenance is easy due to excellent access.

The transmission is electronically controlled. An error coding system allows easy diagnosis of the systems and proper intervention.

Engine (oil) : 34ℓ (8.9 gal)

Radiator (cooling liquid) : 60ℓ (15.8 gal)

Fuel : 476ℓ (125.7 gal)

Hydraulic oil : 236ℓ (62.3 gal)

Gear box and torque converter : 54ℓ (14.2 gal)

Front axle : 50ℓ (13.2 gal)

Rear axle : 50ℓ (13.2 gal)

OPERATIONAL DATA

Bucket type		General purpose				Rock	Wear Plate	High lift	
Configuration		Teeth(std.)	Bolt-on edge	Teeth	Teeth & Segments	Teeth	Teeth	Bolt-on edge	
Capacity heaped ISO/SAE	m ³	4.8	5.2	4.8	5.2	4.5	4.8	5.2	
	yd ³	6.3	6.8	6.3	6.8	5.9	6.3	6.8	
Tooth type		Adapter tooth	-	Integrated tooth	Adapter tooth	Adapter tooth	Adapter tooth	-	
Breakout force	kN	273	273	273	273	273	273	295	
	lbf	61,373	61,373	61,373	61,373	61,373	61,373	66,319	
Static tipping load (straight)	kg	23,000	22,855	23,000	22,818	22,870	22,934	20,776	
	lb	50,706	50,387	50,706	50,305	50,420	50,561	45,803	
Static tipping load (40°)	kg	20,000	19,872	20,000	19,839	19,885	19,941	18,036	
	lb	44,092	43,810	44,092	43,737	43,839	43,962	39,763	
Overall Length	A	mm	9,525	9,325	9,475	9,525	9,365	9,525	9,798
		ft.in	31'3"	30'7"	31'1"	31'3"	30'9"	31'3"	32'2"
Overall Width	B	mm	3,400	3,400	3,400	3,400	3,400	3,400	3,400
		ft.in	11'2"	11'2"	11'2"	11'2"	11'2"	11'2"	11'2"
Overall Height	C	mm	3,820	3,820	3,820	3,820	3,820	3,820	3,820
		ft.in	12'6"	12'6"	12'6"	12'6"	12'6"	12'6"	12'6"
Bucket Width	D	mm	3,400	3,400	3,400	3,400	3,400	3,400	3,400
		ft.in	11'2"	11'2"	11'2"	11'2"	11'2"	11'2"	11'2"
Wheel Base	E	mm	3,600	3,600	3,600	3,600	3,600	3,600	3,600
		ft.in	11'10"	11'10"	11'10"	11'10"	11'10"	11'10"	11'10"
Tread	F	mm	2,420	2,420	2,420	2,420	2,420	2,420	2,420
		ft.in	7'11"	7'12"	7'13"	7'14"	7'15"	7'11"	7'11"
Ground Clearance	G	mm	510	510	510	510	510	510	510
		ft.in	1'8"	1'8"	1'8"	1'8"	1'8"	1'8"	1'8"
Dump Height, at 45 (to Tooth or Cutting Edge)	H	mm	3,120	3,270	3,170	3,120	3,330	3,120	3,856
		ft.in	10'3"	10'9"	10'5"	10'3"	10'11"	10'3"	12'8"
Dump Height, at 45 (to Bucket edge)	H"	mm	3,356	3,356	3,356	3,356	3,356	3,356	3,942
		ft.in	11'0"	11'0"	11'0"	11'0"	11'0"	11'0"	12'11"
Dump Reach, at 45 (to Tooth or Cutting Edge)	I	mm	1,430	1,285	1,395	1,430	1,330	1,430	1,345
		ft.in	4'8"	4'3"	4'7"	4'8"	4'4"	4'8"	4'5"
Dump Reach, at 45 (to Bucket edge)	I"	mm	1,250	1,250	1,250	1,250	1,250	1,250	1,311
		ft.in	4'1"	4'1"	4'1"	4'1"	4'1"	4'1"	4'4"
Bucket Hinge Height	J	mm	4,584	4,584	4,584	4,584	4,584	4,584	5,081
		ft.in	15'0"	15'0"	15'0"	15'0"	15'0"	15'0"	16'8"
Max.Tilt Angle at Carry	-	deg	49	49	49	49	49	49	
Max.Tilt Angle on Ground	L	deg	44	44	44	44	44	44	
Max.Dump Angle at Fully Raised	M	deg	47	47	47	47	47	47	
Max.Tilt Angle at Fully Raised	N	deg	58	58	58	58	58	58	
Turning Radius	Out Tire Edge	O	mm	6,590	6,590	6,590	6,590	6,590	6,590
			ft.in	21'7"	21'7"	21'7"	21'7"	21'7"	21'7"
	Tire Center	P	mm	6,157	6,157	6,157	6,157	6,157	6,157
			ft.in	20'2"	20'2"	20'2"	20'2"	20'2"	20'2"
	C/Weight Edge	Q	mm	6,586	6,586	6,586	6,586	6,586	6,586
			ft.in	21'7"	21'7"	21'7"	21'7"	21'7"	21'7"
	Bucket Edge	R	mm	7,370	7,370	7,370	7,370	7,370	7,570
			ft.in	24'2"	24'2"	24'2"	24'2"	24'2"	24'10"
Digging Depth	S	mm	93	93	93	93	45	93	462
		ft.in	4"	4"	4"	4"	2"	4"	6"

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

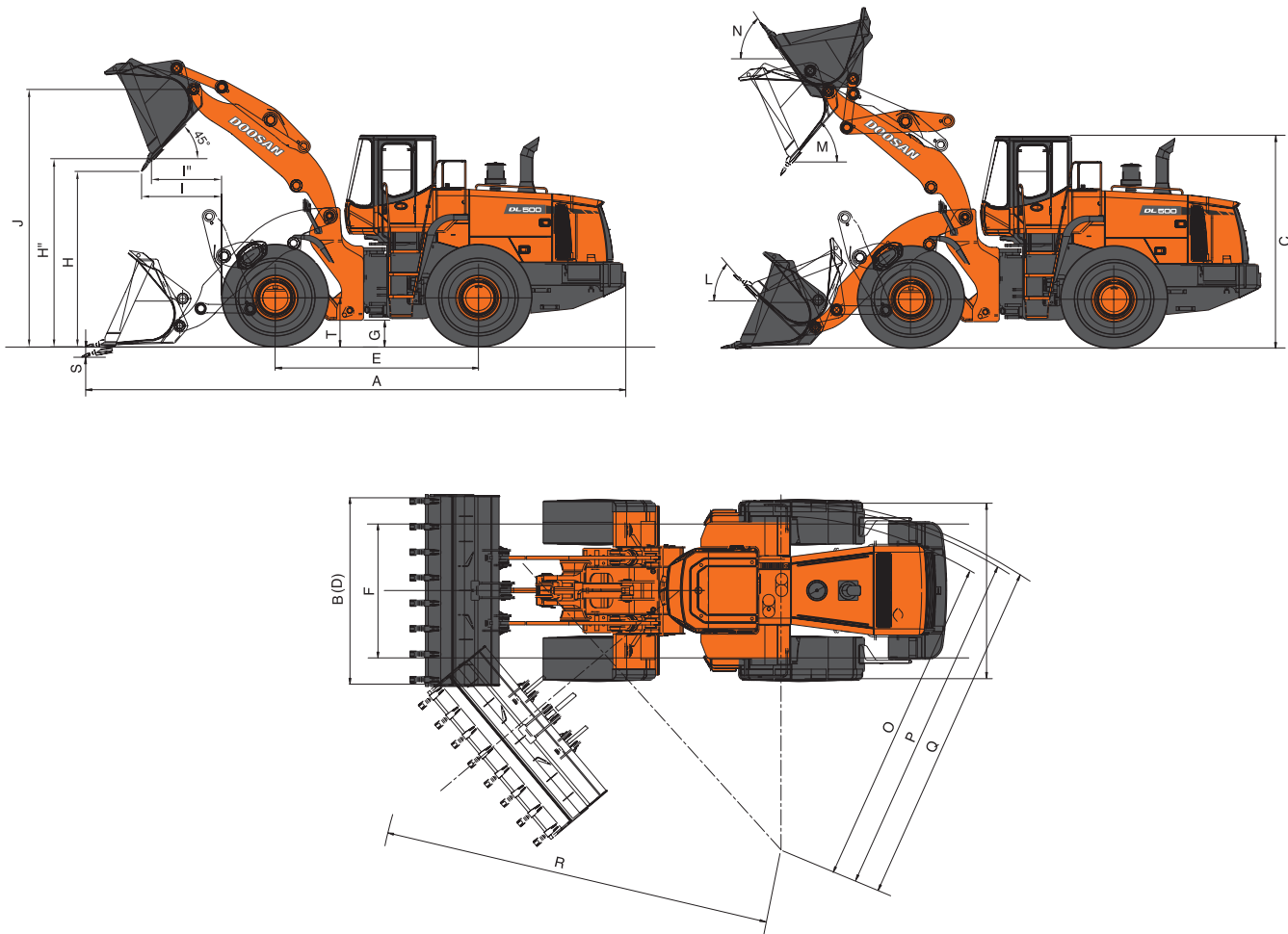
2) All measurements with tyres 29.5R25VSNT(L4).

Weights and dimensions (supplemental specifications)

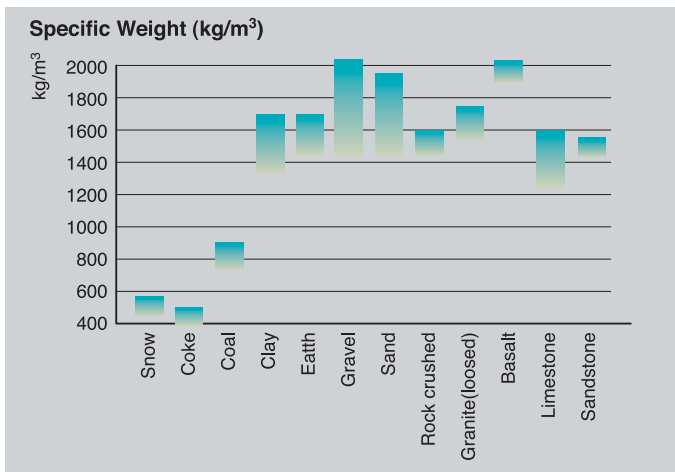
	Operating Weight	Loaded radius	Ground clearance	Static tipping load (straight)	Static tipping load (Full turn)
29.5-25-22 PR(BIAS)	-980kg(-2,161 lb)	-20mm(-0.79")	-20mm(-0.79")	-630kg(-1,389 lb)	-550kg(-1,213 lb)
29.5R25-L3(VMT)	-450kg(-992 lb)	-20mm(-0.79")	-20mm(-0.79")	-250kg(-551 lb)	-220kg(-485 lb)
29.5R25-L4(VSNT)	okg	omm	omm	omm	okg
29.5R25-L5(VSDL)	+1,120kg(+2,469 lb)	+35mm(1.38")	+35mm(1.38")	+850kg(1,874 lb)	+740kg(+1,631 lb)

DIMENSIONS

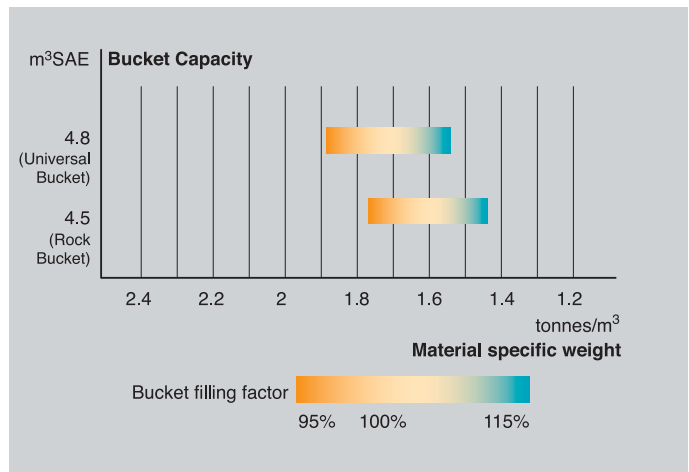
DL500



Measured to the tip of the bucket teeth or bolt on edge with tires 29.5R25VSN(L4)



The specific weight of material largely depends on moisture rate, compacting value, percentage of various components etc... This chart is given only for information.



The Bucket filling factor depends also of the nature of material, the working conditions and the operator ability.