



Doosan Infracore
Construction Equipment

MEGA400V

Engine Power : SAE J 1995, gross 210kw(286ps/281HP) @ 2,100rpm
SAE J 1349, net 206kw(280ps/276HP) @ 2,100rpm

Operational Weight : 22,610kg (49,846 lb)

Bucket capacity(SAE) : 3.9 ~ 4.71m³(5.1 ~ 6.2 cu.yd)



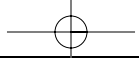
Anything's Possible with You and



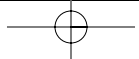
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DOOSAN Powerful Wheel Loader



Performance

The Mega 400-V is a machine that delivers 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.



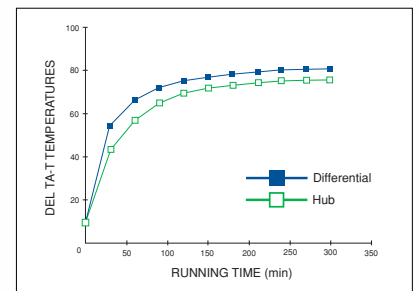
ZF Axle

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.

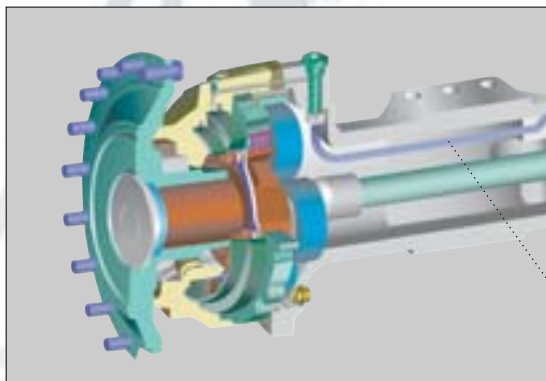


LSD (Limited Slip Differential)

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



• This result may change according to test condition



Increased Axle durability

The brake discs have been repositioned to the rear part of the reduction gear where the rotation speed is lower. As a result, the discs are exposed to lower rpm's and heat generation is reduced and the life span of the discs is greatly extended. Automatic disc clearance regulator has been integrated into the design and the disc clearance is maintained at the optimum level at all times as the discs wear out. This prevents any lag in brake response. Another convenient feature is that brake disc wear can easily be measured without disassembling the hub.

The brake piping has been redesigned into the axle housing and is protected from damage from external shock as the machine drives over rough terrain.



MEGA 400-V



❖ Turbo Charge Air Cooled Intercooler Engine

DE 12TIS, turbo charge air cooled intercooler engine provides competitive power output and high-efficiency in its class. This 6 cylinder turbocharged diesel offers optimal combustion in all conditions far superior to those stated in the emissions regulations.



❖ Full Auto Transmission

The 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. All of these characteristics, combined, provide a machine that makes good shovel penetration.



❖ Electro 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.



❖ Axle Oscillation Outstanding Work Safety (oscillation)

The center pin support system rear axle can maintain the machine in the horizontal position even in rough terrain achieving the maximum safe operating and driving performance.

Comfort

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.



⌘ The steering Column

The steering column features both tilting and telescopic functions.

⌘ 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.



⊘ **Switch & Wrist rest**

The ergonomically laid out switch panel in line with the natural movements of the body allows for very convenient operation. The spare switch cut-outs allows easy installation of additional electric accessories. The tilting and telescopic wrist rest allows the operator to work more comfortably.



⊘ **Various Control Lever**

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

- Left : Mono lever and 3rd function. (option)
- Right : Two hydraulic levers with 3rd function electric s/w. (option)

⊘ **Air Seat**

The air suspended seat is adjustable to match each operator's weight and shape.



⊘ **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.



Sunvisor(std.)

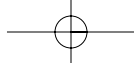


Room mirror(std.)



CCTV monitor(option)

⊘ **Various Comfort Features**



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

