

DOOSAN

Construction Equipment

DX55WE

Powered by **Innovation**

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Doosan equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Doosan units may show other than standard equipment

DOOSAN

Hyundai Doosan Infracore

489 Injung-ro, Dong-gu, Incheon, South Korea
<http://global.doosanequipment.com>

DIPBE-00-2201

Powered by **Innovation**

Photos may include optional equipment

MINI EXCAVATOR WITH MAXIMUM PERFORMANCE

The new DX55WE hydraulic excavator has all the advantages of the previous model, and now offers additional added value to the operator.

The new DX55WE was developed with the concept of “providing optimum value to the end user.” In concrete terms, this translates, into :

Increased production and improved fuel economy is attributed to the electronic optimization of the hydraulic system and the new generation engine.

Improved ergonomics increases comfort and excellent all around visibility ensuring a safe and pleasant working environment.

Improved reliability is achieved through the use of high performance materials combined with new methods of structural stress analysis, which leads to increased component life expectancy, thus reducing operating costs.

COMFORT

One of the most spacious cabs in the market, with low noise & vibration levels and excellent all-round visibility. Extra-large door for easy access.

SAFETY

Your safety is our priority.

MAINTENANCE

Easy access to all compartments.



HIGHER GRADABILITY AND WORK CAPABILITY

Lifting power increased by 10 to 25% by applying Doosan's unique center of gravity design. As the center of gravity is moved to rear part, the oscillation of equipment is prevented. The axle realizes more stable work on rough surface and uneven site thanks to wide angle of upper and lower adjustment



PRODUCTIVITY

Superior digging, pulling and traction forces.



UNDERCARRIAGE DESIGN

A rigid, welded frame provides excellent durability. Efficient hydraulic lines routing, transmission protection and heavy duty axles make the undercarriage perfect for wheel excavator applications. Both outriggers and dozer blade are pin type for maximum flexibility. An optional work tool restraint bar is available.

OPERATOR COMFORT



**THE IDEAL WORKSPACE—DESIGNED
AROUND YOU** with one of the
most spacious cabs in the market,
the DX55WE is designed to
provide you with the best
possible working conditions.
The ergonomic controls and
the easy-to-view monitor place the
machine firmly in your hands.

GOOD VISIBILITY (VISUAL FIELD IN 360°)

The operator's cabin is remarkably increased and good visibility is ensured thanks to the access improved by applying chassis to left and has excellent all round visibility.



MINIMIZED NOISE AND VIBRATION

Industry-leading engine saves on fuel and meets all noise regulations, providing exceptional operator comfort.



1. HIGH-OUTPUT AIR-CONDITIONER AND DEFROSTER

The air-conditioner capacity has been greatly improved and the vents have been installed at both the front and rear of the operator's seat to maximize air-conditioning efficiency. A defroster has been installed to prevent the front windshield from becoming frosted in the cold season resulting in safer operation.

2. SWITCH

The ergonomically placed switches maximizes convenience for the operator.

3. WIDE STORAGE SPACE

Safe storage and convenient use of electric devices and appliances such as mobile phones and razors using a small storage box.

4. FIXED-TYPE INSTRUMENT PANEL

The centralized display panel provides comprehensive information about the status of the machine in an easy to read format. The high quality display panel is waterproof and all information can be seen at a glance.

5. ENLARGED ENTRANCE AND EXIT

As entrance and exit are enlarged, accessibility is improved for getting on and off the vehicle. Since the front workspace is maximized, the inconvenience in operating equipment is minimized.



SAFETY COMES IN FIRST WITH ENHANCED SAFETY FEATURES



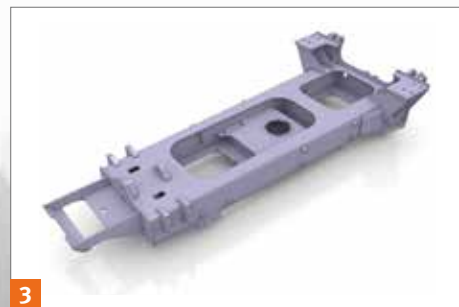
1. SPECIALIZED BOOM AND ARM DESIGN

Minimized welding based on the integrated design of the bottom plate. Increased boom and arm durability.



2. LARGE DOZER BLADE

As the ascending and descending speed of dozer blade is increased, work efficiency is maximized. Since the mudguard of blade is extended to both ends, mud does not go behind dozer while working.



3. OPTIMIZED CHASSIS FRAME STRUCTURE

Comfortable work environment with expanded operator's space.



4



5



6

4. HIGH-EFFICIENCY, HIGH-STRENGTH ENGINE

Engine produces outstanding power and is known for its durability. This results in excellent operation in high-load operations. In addition, it features a low noise and low emissions suitable for operation in noise sensitive areas and at night.

5. OIL FILTER/FUEL FILTER

The engine oil filter is attached to the engine body and extends out for easy maintenance

6. OUTSTANDING MAIN PUMP

Fuel consumption reduced with easy hydraulic control and pump discharge quantity control.

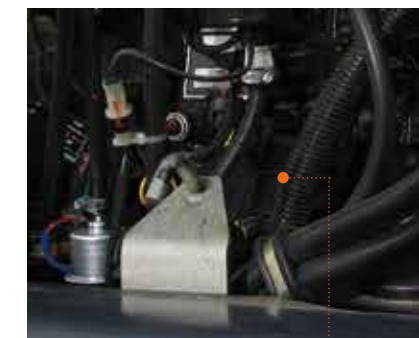
EASY MAINTENANCE

We Offer Easy, Breezy Maintenance System
That Can Also Prevent Downtime Of Your Machine.



BATTERY ON-OFF SWITCH

Electrical devices are protected by turning the battery power off for long-term storage and by periodic inspections of the machine.



OIL FILTER/FUEL FILTER

The engine oil filter is attached to the engine body and extends out for easy maintenance.



COUNTWEIGHT & HOOD

As a cast counterweight is applied, deformation by impact is minimized. Thanks to the bonnet made of metton, the engine is further protected from external obstacle.

DoosanCONNECT® Telematics Service (OPTIONAL)

TELECOMMUNICATIONS Data flow from machine to web



TELEMATICS SERVICE TERMINAL

Telematics Service terminal is installed to machine / connected to EPOS™

TELECOMMUNICATION

GPS, EPOS™ data is sent to sedignated server by GSM, Satellite telecommunication

DOOSAN TELEMATICS SERVICE WEB

Doosan, Dealer, Customer can easily monitor the GPS, EPOS™ data from Core Telematics Service web

TELEMATICS SERVICE BENEFITS Doosan and dealer support customers to improve work efficiency with timely and responsive services

CUSTOMER

Improve work efficiency
Timely and preventive service
Improve operator's skills by comparing work pattern
Manage fleet more effectively

DEALER

Better service for customers
Provide better quality of service
Maintain machine value
Better understanding of market needs

DOOSAN

Responsive to customer's voice
Utilize quality-related field data
Apply customer's usage profile to deveping new machine

FUNCTIONS(WEB/APP) Doosan Telematics Service provides various functions to support your great performance



FUNCTION		EXCAVATOR	WHEEL LOADER	ADT
GPS	· Location · Geo-fence	All models	All models	All models
Operation hours	· Daily, Weekly, Monthly report	All models	All models	All models
Operation hours	· Total operation hours · Operation hours by mode	All models Tier 4 only	All models	All models
Maintenance parts	· Preventive maintenance by item replacement cycle	All models	Tier 4 only	All models
Fault code/ Warning	· Fault code · Machine Warnings on Gauge Panel	All models	Tier 4 only	All models
Fuel information	· Fuel level · Fuel consumption	All models Tier 4 only	Tier 4 only	All models
Dump capacity	· Dump tonnage · Count of Work Cycle	N/A	N/A	All models

GLOBAL PARTS NETWORK

QUALITY-PROVEN MAIN COMPONENTS

Doosan provides fast and precise worldwide delivery of genuine Doosan parts through its global PDC (parts distribution center) network.



GLOBAL NETWORK

The global network of the GPDC (Global Parts Distribution Center) maximizes its supply rate by making sure that each center is stockpiled with all the critical parts required for businesses in its area. The network also minimizes the time and costs required for parts delivery by positioning PDCs close to major markets around the world. Doosan PDCs communicate with customers in their time zone, informing them that they are open for operation, and deliver parts to them as early as possible.

THE GLOBAL PARTS DISTRIBUTION CENTER NETWORK

PDCs had been set up as shown below, including Mother PDC in Ansan, Korea. The eight other PDCs include one in China (Yantai), three in USA (Seattle, Atlanta and Miami), two in Europe (Germany and the UK), one in the Middle East (UAE), and one in Asia (Singapore).

