DOOSAN

Construction Equipment

DX200-3B

Powered by **Innovation**

Photos may include optional equipment

DOOSAN

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DIPBE-00-2203

Powered by **Innovation**

THE CHAMPION IN COST-EFFECTIVENESS

The winning player in general work. It will be a priority for heavy equipment customers by guaranteeing higher profits through high quality and low fuel consumption.

Photos may include optional equipment

Doosan excavators make your hopes and dreams come true by reducing operating cost and improving durability.

HIGH FUEL EFFICIENCY

Fuel consumption has been reduced significantly by balancing the overall hydraulic system performance and engine output.

CHASSIS IN AN OPTIMAL STRUCTURE

The optimized design of the chassis structure has improved the overall work stability and durability of the lower part.

ULTIMATE DURABILITY

Durability reinforced by applying highly durable materials to structures of overall frames.

SUPERIOR COMFORT CAB

The passenger car-class cab inheriting Doosan's operator-centered design philosophy provides comfortable working environment, wide field of view, and low-noise environment.

EASY MAINTENANCE

The rationalized design of the maintenance part distribution makes routine inspection from the ground easy.

LED WORK LIGHT INSTALLED ON MAINFRAME AND BOOM

The visibility has improved for the operators' night work.

SPC (SMART POWER CONTROL) SYSTEM

TPredictive powertrain control which automatically identifies working mode and adjusts engine RPM to supply proper pump torque Improving fuel consumption.

EPOS™ (ELECTRONIC POWER OPTIMIZING SYSTEM)

It allows the efficiency of the system to be optimized for all working conditions and minimizes fuel consumption.

Photos may include optional equipment

A SPACIOUS CABIN WITH ENHANCED COMPORT

The LCD monitor system improves equipment operation convenience by easily acquiring equipment information.

SHORT-DISTANCE ODOMETER

The short-distance odometer allows the operator to check fuel consumption, driving time and average fuel consumption.

WARNING INFORMATION

The operator can check the equipment warning information through the instrument panel.

MAINTENANCE INFORMATION

The operator can check the usage time, replacement interval, and remaining time of major parts. At the same time, it is possible to initialize the usage time and change the parts replacement interval.

The ‘operator-centered’ design philosophy significantly reduces noise and vibration inside the cab; the air conditioning system and multi-functional LCD instrument panel suitable for the working environment.

INTEGRATED BUTTON ALLOCATION

The power switch layout has significantly improved equipment operation convenience and operator work efficiency.

EMERGENCY STOP SWITCH

For enhanced safety and to enable fast reactions in an emergency, it equipped with an emergency stop switch that allows the interruption of certain body functions.

USER-CENTERED STORAGE SPACE

The cabin provides convenient small storage compartment. Cell phone and other electronic devices can be stored safely.

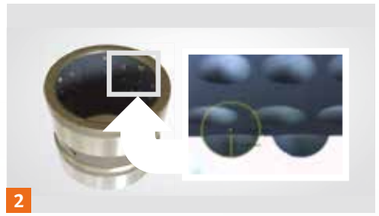
CAB DESIGN FOR LOW NOISE

The reduced outside noise into the cabin has increased operation convenience.

RELIABILITY THROUGH FREQUENT TESTING

HIGH-EFFICIENCY OIL FILTER SYSTEM

The high-efficiency oil filter system has improved fuel filter performance to increase reliability and enhanced the ability to adapt to low-quality oil products, lowering the failure rate and significantly reducing maintenance and repair costs.



WEAR-RESISTANT BUSHING

A self-lubricating coating layer on the surface of the bushing ensures the best lubrication and fragment removal effects to improve interlocking resistance and extends the service life of parts.

Advanced design programming and thorough simulation tests have increased reliability.

IMPROVED CYLINDER SEALINSG

- The increased cylinder durability of the front work equipment ensures long term and continuous work conditions.
- The double-lip seal cylinder has improved the sealing effect.

MAINTAINABILITY

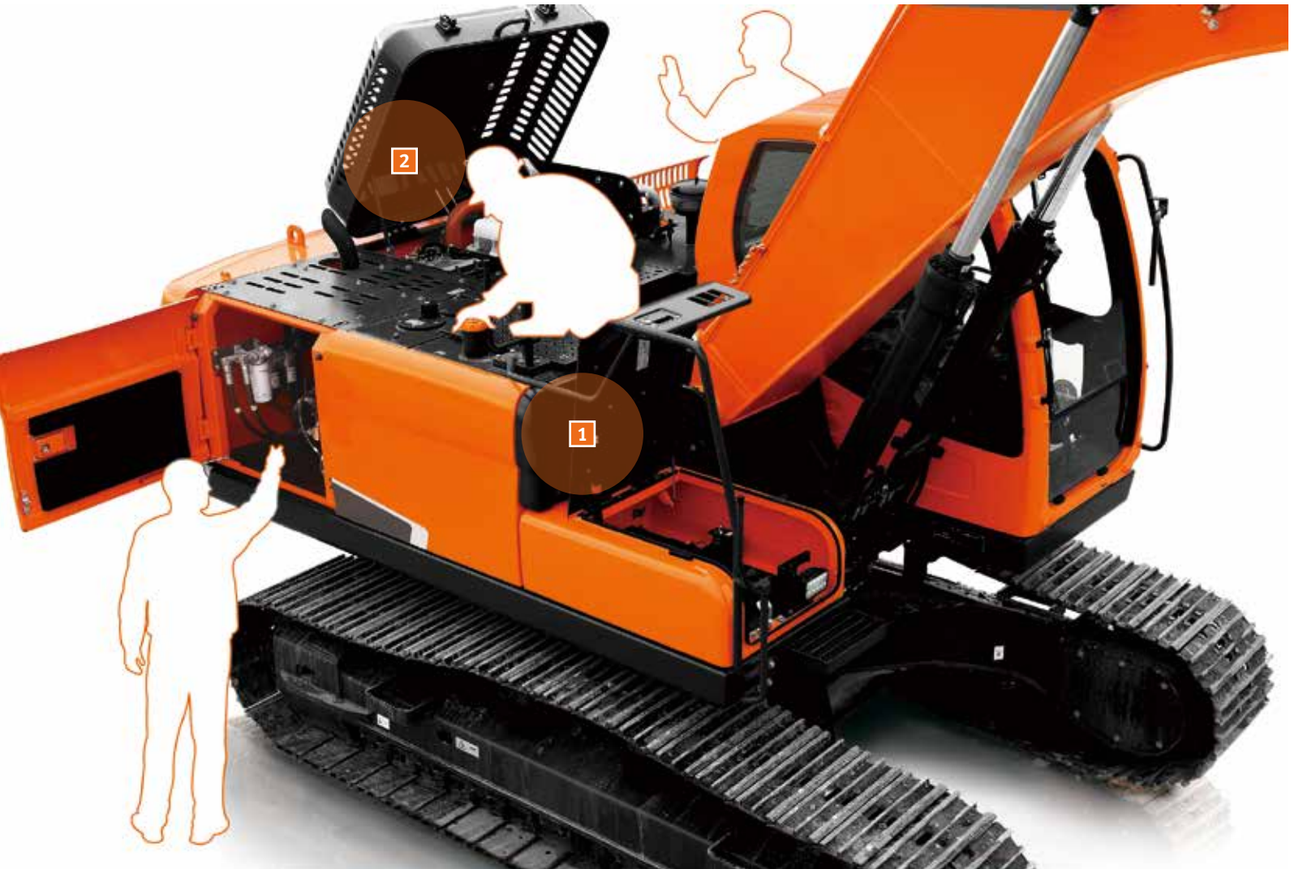
The convenient and quick maintenance design effectively reduced the equipment maintenance and repair time.

UPPER ANTI-SLIP COVER

The enlarged anti-slip cover has improved operator safety and better maintenance.

OPERATOR-CENTERED ENGINE COVER

The engine cover design has made parts maintenance easier.



TECHNICAL SPECIFICATIONS

MAIN SPECIFICATIONS

Engine

Model	Perkins 1104D
Number of cylinders	4
Bore	Ø105 mm
Stroke	127.4 mm
Rated Power (Net)	88 kW (117.9 HP, 119.6 PS) / 1,850 rpm

HYDRAULIC SYSTEM

Main pump

Type	Axial piston pump
Maximum flow	2 x 163 ℓ/min

Maximum digging force (ISO)

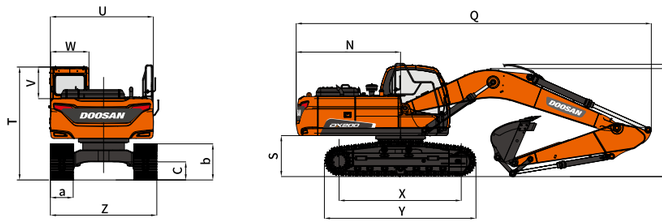
Bucket	13.8 ton
Arm	8.9 ton

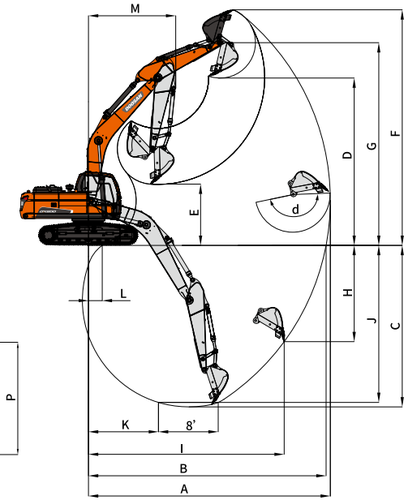
OPERATING WEIGHT

(Operator, lubricant, cooling liquid, fuel tank (full), and standard installation)

Operating weight	20.47 ton
Bucket Capacity (SAE)	0.92 m^3
Ground pressure	0.48 kg/cm^2

DIMENSIONS & WORKING RANGE





		DX200-3B
Arm	(mm)	2,900 (HD)
Boom	(mm)	5,700 (HD)
Tail Swing Radius	(mm) N	2,794
Shipping Height (Boom)	(mm) O	2,951
Shipping Height (Hose)	(mm) P	3,080
Shipping Length	(mm) Q	9,518
Counter Weight Clearance	(mm) S	1,091
Tumbler Distance	(mm) T	3,270
Track Length	(mm) Y	4,060
House Width	(mm) U	2,709
Cab Height Above House	(mm) V	832
Cab Width	(mm) W	1,008
Height Over Cab	(mm) T	2,985
Undercarriage Width	(mm) Z	3,190
Show Width	(mm) a	800
Track Height	(mm) b	950
Ground Clearance	(mm) c	475

		DX200-3B
Arm	(mm)	2,900 (HD)
Boom	(mm)	5,700 (HD)
Max. Digging Reach	(mm) A	9,867
Max. Digging Reach (Ground)	(mm) B	9,694
Max. Digging Depth	(mm) C	6,592
Max. Loading Height	(mm) D	6,828
Min. Loading Height	(mm) E	2,491
Max. Digging Height	(mm) F	9,618
Max. Bucket Pin Height	(mm) G	8,267
Max. Vertical Wall Depth	(mm) H	3,035
Max. Radius Vertical	(mm) I	8,305
Max. Depth To 8' Line	(mm) J	6,160
Min. Radius 8' Line	(mm) K	2,890
Min. Digging Reach	(mm) L	654
Min. Swing Radius	(mm) M	3,570

DoosanCONNECT® Telemactics 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

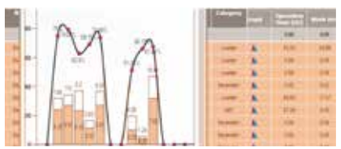
DOOSAN
Responsive to customer's voice
Utilize quality-related field data
Apply customer's usage profile to deveping new machine

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

• GPS

• Fuel information

• Preventive maintanance



• Operation hours

• Fault code/warning

• ADT Productivity

• Reports

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	All models	All models
Maintenance parts	· Preventive maintenance by item replacement cycle	All models	All models	All models
Fault code/ Warning	· Fault code · Machine Warnings on Gauge Panel	All models	All models	All models
Fuel information	· Fuel level · Fuel consumption	All models	All models	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).

MPDC : Mother Parts Distribution Center

PDC : Parts Distribution Center

PDC BENEFIT

- Distribution Cost Reduction
- Maximum Parts supply rate
- Shortest distance/ time parts delivery
- Real-time service support
- Minimum downtime