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HX60G/HX80G

STANDARD / OPTION

HYDRAULIC SYSTEM		STD	OPT
HX60G	HX80G		
Load Sensing System		●	
ATTACHMENT			
HX60G	HX80G		
Boom 3.00m (9'10")	Boom 3.72m (9'10")	●	
Arm 1.55m (5'1")	Arm 1.62m (5'1")	●	
–	Long Arm 1.90m (6'3")		●
Bucket 0.25m³ (0.33yd³)	Bucket 0.28m³ (0.37yd³)	●	
–	Bucket 0.3m³ (0.39yd³)		●
Bucket None			●
Quick Coupler Mechanical			●
CABIN & INTERIOR			
HX60G	HX80G		
Smart Key + Start Button		●	
Cabin Front Lower Guard			●
SAFETY			
HX60G	HX80G		
Boom Light		●	
Beacon Lamp			●
Travel Alarm			●
Rear View Camera			●
UNDERCARRIAGE			
HX60G	HX80G		
Track Shoe 400mm	Track Shoe 450mm	●	
Track Shoe 500mm	Track Shoe 600mm		●
Rubber for Rail Interlocking			●
OTHERS			
HX60G	HX80G		
Breaker Piping 1 Way			●
Breaker Piping 2 Way			●
Breaker			●
Piping Quick Coupler			●
Hydraulic Oil VG46		●	
Hydraulic Oil VG68 for Tropical			●
Hydraulic Oil VG32 for Cold Area			●

HD HYUNDAI CONSTRUCTION EQUIPMENT

Head Office(Sales Office)
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PLEASE CONTACT

2025. AUG

HX60G/HX80G

with Tier 2 Engine installed

Engine Power	Operating Weight	Bucket Capacity
HX60G 36.2kW/2,100rpm HX80G 46.3kW/2,200rpm	HX60G 5,850kg HX80G 7,540kg	HX60G 0.25m³ HX80G 0.28m³

HD HYUNDAI CONSTRUCTION EQUIPMENT

Outstanding Production Efficiency and Fuel Economy

Optimal Match between Fuel and Operational Efficiency

The HX series equipment is equipped with an engine that meets the Tier 2 emission standards, achieving energy efficiency with low consumption. The engine ensures efficient and complete diesel combustion, significantly enhancing performance. The multi-stage fuel filtration system ensures the engine's durability while reducing harmful gas emissions, making it more environmentally friendly.

YANMAR Engine

Equipped with a Yanmar engine, with a larger displacement. At the same engine speed, the equipment provides more sufficient power for operations, ensuring work efficiency.

HYUNDAI Customized Hydraulic Components

Equipped with a high-displacement main pump, providing low speed and high flow for faster operation speed and higher work efficiency; optimized main control valve oil circuit design for better coordination of movements.

Advanced Hydraulic System

LS Load Sensing System

Enhanced Operational Performance

- The hydraulic oil provided by the LS hydraulic system is proportional to the RCV lever movement.
- It can proportionally distribute the hydraulic system flow, regardless of the load size.
- Save fuel as it eliminates the need for hydraulic merging.
- By increasing hydraulic oil flow during travel, both traction and travel speed are improved.

Maintenance Stable Performance with Various Attachments

The LS system is the ideal solution for various attachments and hydraulic devices. Regardless of the hydraulic load conditions, it allows for continuous control and multiple actions, ensuring stable rotational speed.

Excellent Stability

The length of the lower body has been increased to increase stability.
With increased stability, heavier workpieces can be handled and rougher work can be easily completed. Workers also have less concerns about stability when working with high loads, which reduces fatigue.

Improved Convenience

Button Ignition Switch

Intelligent engine start replacing traditional key, enhancing operational convenience.

Air Conditional Vents

Improving air conditioning system with 5 air vents, perfectly enhancing cooling and heating performance.

Brand New LED Cluster

Password unlocking, adjustable throttle speed for each gear, fault reminder, and display of water temperature ,engine speed, fuel level, working hours, etc.

Centralized Console

The air conditional controller has a temperature display, standard radio, USB, Bluetooth, and other entertainment features for convenience and comfort.

BRAND NEW INTELLIGENT CABIN

To reduce operator fatigue, improve the sealing and convenience of the cabin, and create a comfortable operating environment for the operator.
Standard equipped with a suspension seat, push-button ignition start, front and rear air conditioning vents and an openable front window, etc.

Versatile Tool Box

Designed for easy acess and secure storage

Multiple LED Work Light

Enhance nighttime work illumination

Button Ignition Switch

The hydraulic oil level gauge is located in an easily accessible location for the operator to easily check the oil level.

Air Conditional Vents

It is equipped with a large-capacity battery and is highly stable, so it can withstand cold weather.

ENHANCED USABILITY AND SAFETY

▲ HX60G

▲ HX80G

Three-door design engine hood

The larger space by three-door design engine hood makes maintenance and servicing more convenient.
The protective covers are equipped with a standard dust mesh for better protecting the radiator and engine space.

HX60G/HX80G

SPECIFICATIONS

ENGINE

		HX60G	HX80G
Model		4TNV94L-BVLKC	4TNV98-ZCSLKC
Type		Water cooled, 4 cycle diesel 4cylinders in line, direct injection, low emission	
Rated Flywheel Horsepower	Gross	36.2kW at 2,100 rpm	46.3kW at 2,200rpm
	Net	34.4kW at 2,100 rpm	44.1kW at 2,200rpm

HYDRAULIC SYSYEM

Main Pump	HX60G	HX80G
Types of	Variable displacement piston pumps	
Max. flow	151L/min (39.8 US gpm/33.2 UK gpm)	156L/min (41.2 US gpm/34.3 UK gpm)
System	Load sensing system	

Hydraulic Motors	HX60G	HX80G
Travel	Two speed axial piston motor with counter balance valve and parking brake	
Swing	Axal piston motor with automatic brake	

Relief Valve Setting	HX60G	HX80G
MCV Operating Pressure	26 Mpa	28 Mpa
Swing Motor Operating Pressure	24 Mpa	26 Mpa
Travel Motor Operating Pressure	26 Mpa	28 Mpa

Hydraulic Cylinders	HX60G	HX80G
Parts	No. of Cylinder-Rod Dia X Bore X Stroke	
Boom	1-60 mm X 110 mm X 662 mm	1-65 mm X 110 mm X 885 mm
Arm	1-55 mm X 90 mm X 735 mm	1-60 mm X 90 mm X 900 mm
Buckets	1-50 mm X 85 mm X 613 mm	1-55 mm X 80 mm X 730 mm

TRAVEL SYSTEM

	HX60G	HX80G
Drive Method	Full hydrostatic type	
Drive Motor	Axial piston motors	
Reduction System	Planetary reduction gear	
Max. Travel Speed	4.2 km/h (2.6 mph) / 2.5 km/h (1.6 mph)	4.0 km/h (2.5 mph) / 2.8 km/h (1.7 mph)
Gradeability	30°(57.7%)	
Parking Brake	Multi Wet Disc	
Max. Drawbar Pull	52 kN	75 kN

CONTROLS

Pilot pressure operated joysticks and pedals with detachable lever provide almost effortess and fatigueless operation.

	HX60G	HX80G
Pilot Control	Two joysticks with one safety lever (LH): Arm and swing (RH): Boom and bucket (ISO)	
Travelling and Steering	Two levers with pedals	
Engine Throttle	Electric, Dial type	

SWING SYSTEM

	HX60G	HX80G
Swing Motor	Axial piston motor	
Swing Reduction	Planetary gear reduction	
Swing Bearing Lubrication	Grease-bathed	
Swing Brake	Multi Wet Disc	
Swing Speed	11.0 rpm	10.5 rpm

COOLANT AND OIL CAPACITY

	HX60G	HX80G
Fuel Tank	130L (33.34 US gal, 28.6 UK gal)	134L (35.4 US gal, 29.48 UK gal)
Hydraulic Tank	80L (21.13 US gal,17.6 UK gal)	90L (23.78 US gal, 19.8 UK gal)

UNDERCARRIAGE

X-leg type center frame is intergrally welded with reinforced box-se ction track frames. The undercarriage includes lubricate rollers, track adjusters with shock absorbing springs and sprockets, and track chain with triple grouse shoes.

	HX60G	HX80G
Center frame	X- leg type	
Track frame	Pentagonal box type	
Number of shoes	40 (each side)	38 (each side)
Number of Carrier Rollers	1(each side)	
Number of track rollers	5(each side)	

DIGGING FORCE (ISO)

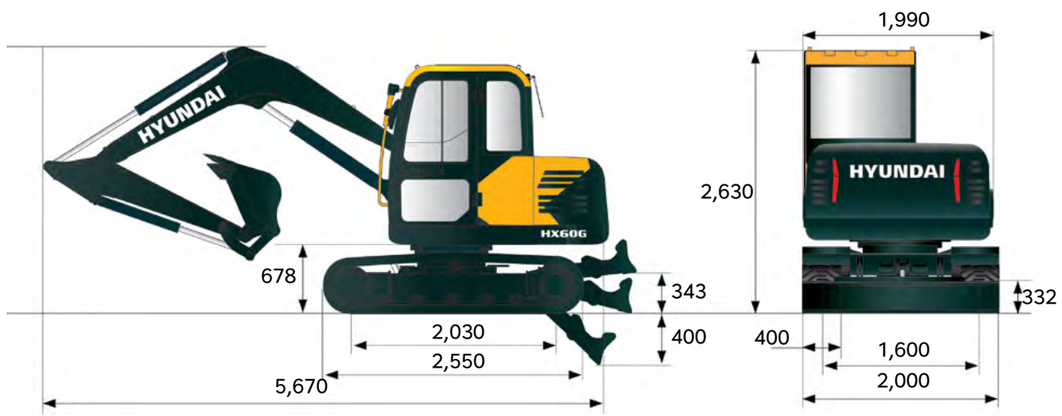
	HX60G	HX80G
Bucket digging force	40kN	56kN
Arm digging force	28kN	38kN

HX60G

DIMENSIONS & WORKING RANGE

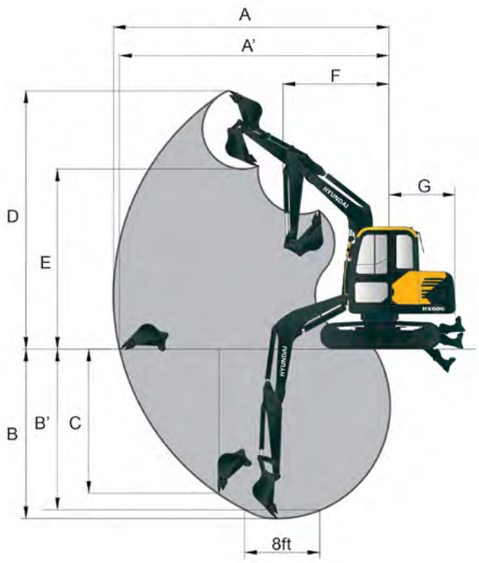
Dimensions

unit: mm



Working range

unit: mm



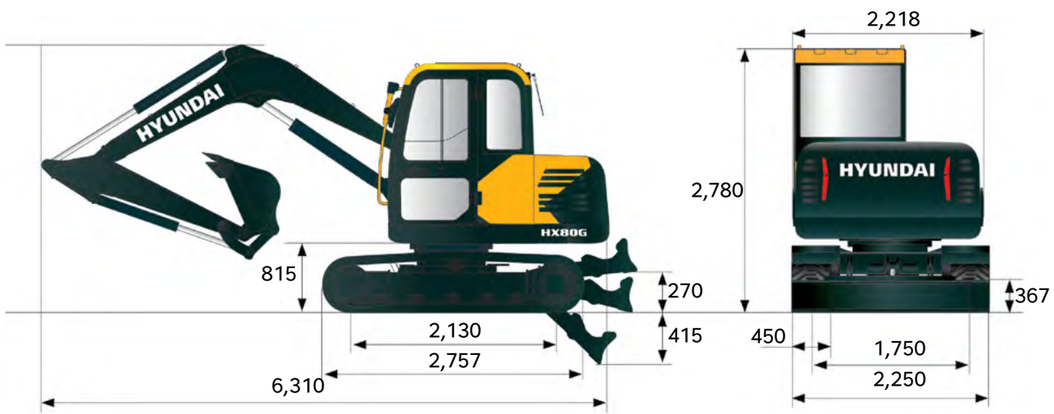
	BOOM LENGTH	3,000
	ARM LENGTH	1,550
A	MAX. DIGGING REACH	5,946
A'	MAX. DIGGING REACH ON GROUND	5,811
B	MAX. DIGGING DEPTH	3,812
C	MAX. VERTICAL WALL DIGGING DEPTH	3,065
D	MAX. DIGGING HEIGHT	5,980
E	MAX. DUMPING HEIGHT	4,185
F	MIN. SWING RADIUS	2,030
G	TAIL SWING RADIUS	1,700

HX80G

DIMENSIONS & WORKING RANGE

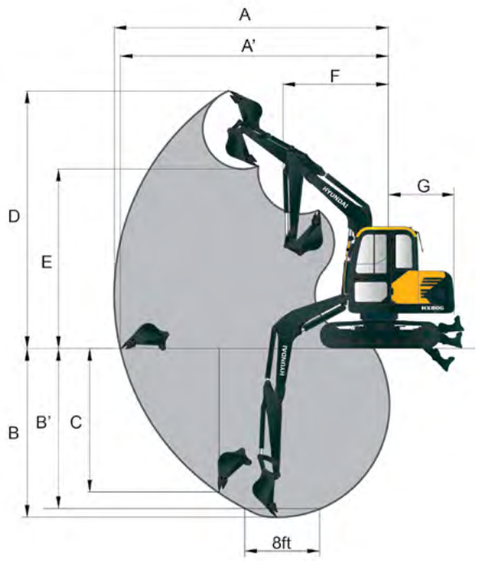
Dimensions

unit: mm



Working range

unit: mm



	BOOM LENGTH	3,722
	ARM LENGTH	1,620
A	MAX. DIGGING REACH	6,290
A'	MAX. DIGGING REACH ON GROUND	6,098
B	MAX. DIGGING DEPTH	4,070
C	MAX. VERTICAL WALL DIGGING DEPTH	3,600
D	MAX. DIGGING HEIGHT	7,050
E	MAX. DUMPING HEIGHT	5,070
F	MIN. SWING RADIUS	1,930
G	TAIL SWING RADIUS	1,930