

HX30Az

With EU Stage V Engine Installed



* Design aesthetics & features may vary from actual

Engine Gross Output
(24.8 HP/18.5kW)

Operating Weight (Canopy)
2875kg/6340 lbs)

WHAT'S NEWEST AND BEST

THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

- EU STAGE V / EPA Tier 4 Final Engine
- Zero-tail Swing (Standard Counterweight)
- Boom Swing Function
- Double Flange Track Roller
- Hydraulic Piping for Breakers Option

EASY CONTROL AND COMFORTABLE OPERATION

- Digital Cluster NEW
- Centralized Switch Console
- Improved Visibility
- Auto-shift Travel Speed

SERVICEABILITY

- Rear and side cowl, fully open type, allows easy access to maintenance check points.



HX30Az

THE ULTIMATE SAFE ENVIRONMENT

- Emergency Engine Stop Switch
- LED Work Light & Beacon Lamp **Option**
- Anti-theft System



NEW EXTERIOR DESIGN FOR ROBUSTNESS AND SAFETY

- ROPS Canopy
- Standard Boom/Arm/Bucket Cylinder Guard **NEW**
- Newly designed Attachment for Durability
- Optimized Hydraulic Layout



EU STAGE V / EPA TIER 4 FINAL ENGINE

The new engine meets EU Stage V / EPA Tier 4 Final emission regulations without the need of special exhaust after treatment, resulting in reduced maintenance costs for after-treatment devices.

Boom Swing Function

The digging boom attached to the front frame can swing far to either side, thus increasing the machine reach. The front swing mechanism also allows working in difficult spaces.

Hydraulic Piping for Attachments

The standard 1-way hydraulic piping for rock breakers ensures efficient performance, meeting the diverse demands of your projects

Double Flange Track Roller

Double flange track roller provided improved track alignment, effectively preventing track derailment

Zero Tail Swing

The zero tail swing allows the excavator to rotate freely within its own footprint. This feature enhances maneuverability and safety while minimizing the risk of damage to surrounding structures. Feature available with Standard Counterweight.





THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

HX A Series is equipped with eco-friendly, high-performance engines that meet the EU Stage V / EPA Tier 4 final emission requirements.





NEW EXTERIOR DESIGN FOR ROBUSTNESS AND SAFETY

The true value of HX A Series lies in its durability and high productivity. The robust upper and lower frame structure can endure external shock and heavy work loads. Attachment performance has been proven through rigorous field testing. No matter how tough the working environment is, you can always rely on the HYUNDAI Excavator HX A Series.



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We make the best performance in rough working conditions without any unsureness with trustworthy HX30Az

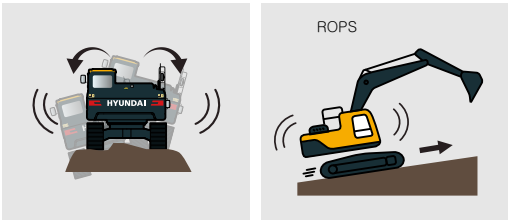
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HX A Series is equipment with eco-friendly, high-performance engine that meet the EU Stage V emission requirement. Become a true leader on the ground with HX A Series.

*** ROPS Canopy**

The canopy structure of hyundai HX A series using integrally welded low-stress, high strength steel to meet ROPS certification

- ROPS:Roll-Over Protective Structures ISO12117-2



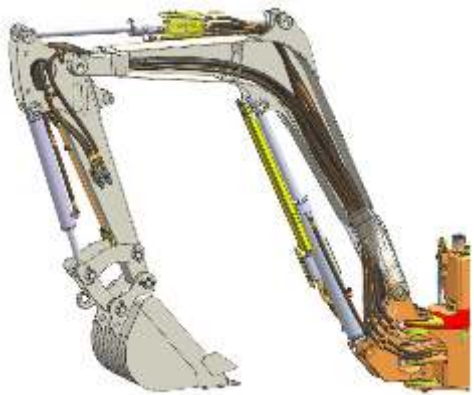
Standard Boom/Arm/Bucket Cylinder Guard NEW

We have added new cylinder guards to the boom, arm, and bucket of our excavator to provide increased protection for the hydraulic cylinders. These guards effectively shield the cylinders from damage caused by debris and other external factors, reducing the risk of downtime and costly repairs.



Optimized Hydraulic Hose Layout

Our new boom design ensures enhanced safety, durability, and performance by protecting the hose from collisions and external elements, while providing increased versatility and a cleaner operator workspace.



Improved Attachment Durability

Our upgraded attachments are designed to withstand the toughest work environments, featuring reinforced steel components and advanced welding techniques to ensure maximum strength and longevity.



EASY CONTROL AND COMFORTABLE OPERATION



Introducing our new Spacious & Comfortable Canopy designed with operator comfort and convenience in mind, with optimized ergonomics and advanced features that allow you to work with greater ease and efficiency. With its spacious interior and high-visibility design, our new canopy offers an unparalleled level of comfort and safety, ensuring that you can work for extended periods without fatigue or discomfort.



Digital Cluster

New 5 inch LCD cluster of HX-A mini excavators allow you to easily control excavator setting - like Aux. flow rate adjustment. Our digital cluster also offers features for component lifecycle management and daily operation time management.



Centralized Switch Console

HX-A mini excavator's console features a centralized layout with intuitive switches and controls that allow you to easily and quickly access all critical functions and operations.

Improved Visibility

Experience a whole new level of visibility with our latest canopy design. Our engineers have worked tirelessly to provide you with a wider and more expansive field of view. The new design allows for better sightlines in all directions, giving you a clear and unobstructed view of your surroundings.



Auto-shift Travel Speed

The auto shift travel speed feature on our excavator allows for seamless transitioning between high and low travel speeds, improving overall efficiency and productivity on the job site. This automated feature allows the operator to focus on the task at hand while the machine takes care of speed adjustments.

// HX30Az with advanced technology ensures our safety on a construction site. //

Fully Accessible Aggregates

The side & rear cowls, which are a full open type, allows for easy access to engine & major aggregates. In addition, it allows easy access to the maintenance check points and filters, assuring easy & better serviceability

2-Piece Dozer Hose

HX-A mini excavator's dozer is designed with a hydraulic hose that is a 2-piece type, providing easy and convenient maintenance. This design allows for easy replacement of individual hoses in case of damage, reducing maintenance time and costs.



Emergency Engine Stop Switch

With just a push of a button, the engine will immediately shut off, ensuring the safety of the operator and those around the machine.



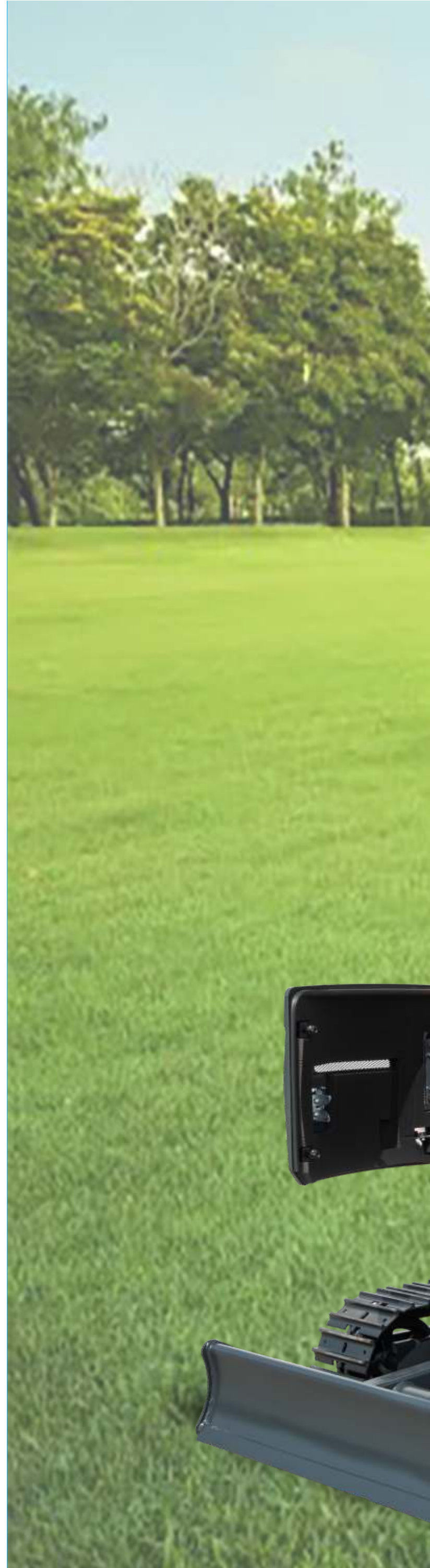
Work light & Beacon lamp Option

HX-A mini excavators are equipped with powerful LED worklight & beacon lamp (optional) that provide excellent visibility in low-light conditions, ensuring safe and efficient operation at any time of day or night



Anti-theft System

The system includes a password-protected ignition key to prevent the engine from starting without the correct key.





EASY SERVICEABILITY AND ULTIMATE SAFETY

The true value of HX Series lies in its durability. The robust frame structure and the attachments show the real value of HX Series in tough working environments and promise higher productivity.



* Photo may include optional equipment.

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SPECIFICATION

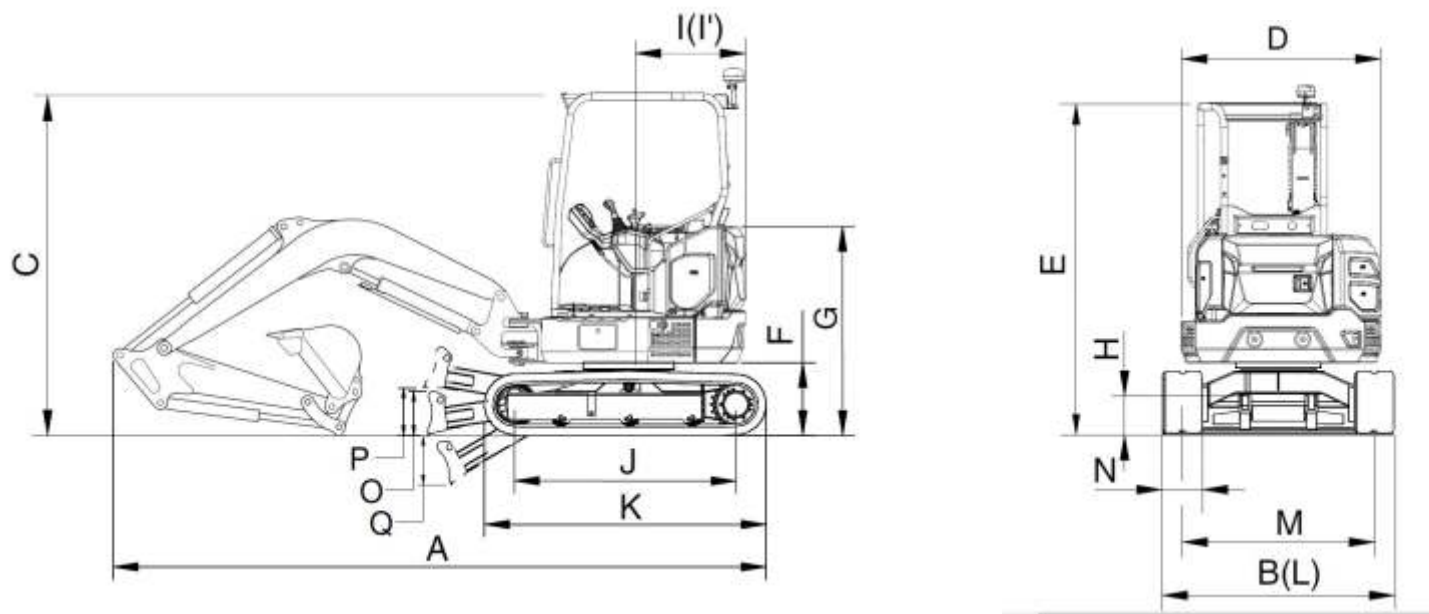
ENGINE		
Manufacture		Kubota
Model		D1305
Type		Vertical,water cooled 4-cycle ldl diesel engine
Emission standard		Tier 4 Final / Stage V
Gross	HP(kW)rpm	24.8 (18.5)/2,400
Net	HP(kW)rpm	24.4 (18.2)/2,400
Peak torque	kgf.m(N.m)	8.3(81.3)
No. of cylinder		3
Bore x Stroke	mm(in.)	78(3.07")x 88(3.46")
Displacement	cc(in ²)	1,261(77)
HYDRAULIC SYSTEM		
Pump Type		Variable displacement tandem axis piston pumps
Max.pressure	Kgf/cm ² (psi)	220(3,130)
Max. flow rate	l(gal)/min	2x28.2(7.4)+ 20.0(5.3)
Fuel tank capacity	l(gal)	30.0(7.9)
Hydraulic capacity (tank)	l(gal)	27.0(7.1)
Bucket digging force(ISO)	Kgf(kN)	2,093(20.5)
Arm digging force	Kgf(kN)	1,313(12.9)
Travel speed(high/low)	Km(mile)/h	4.35(2.7)/ 2.38(1.5)
Traction force	Kgf(kN)	2,266(22.22)
Swing speed	rpm	9.16
Boom length	mm(ft-in)	2,030(6'8")
Arm length	mm(ft-in)	1,300(4'3")
Bucket capacity, std.SAE	m ³ (yd ³)	0.08 (0.10)
Bucket width (with / without side cutter)	mm(in.)	505(19.9") / 448 (17.6")
Boom swing angle(LH/RH)	degree	75/50
Steel track width	mm(ft.)	300(12")
Ground pressure	kgf/cm ² (psi)	0.30(4.27)
Noise level		
Lpa/LwA (2000/14/EC)	dB	78/94

* All equipment dimension is based on machine configuration as :Canopy, Standard Boom, long Arm and Additional Counterweight.

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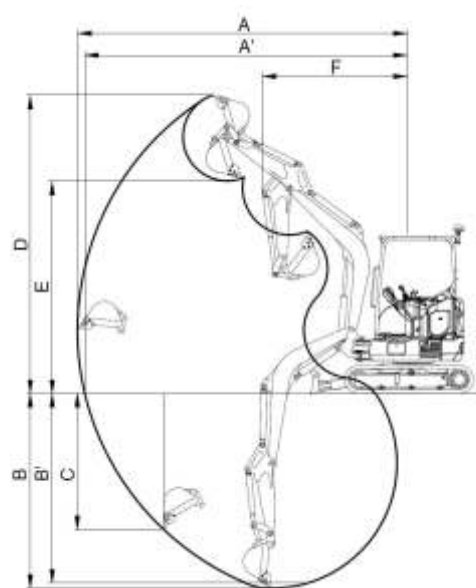
WORKING RANGE & DIMENSIONS

DIMENSIONS



Description		Unit	Specifications
Operating weight		kg(lb)	2875 (6338)
Overall length	A	mm (ft-in)	4,170 (13' 8")
Overall width	B		1,550 (5' 1")
Overall width with Dozer			1,550 (5' 1")
Overall height	C		2,452 (8' 1")
Overall width of upperstructure	D		1,490 (4' 11")
Overall height of cab	E		2,452 (8' 1")
Ground clearance of counterweight	F		504 (1' 8")
Overall height of engine hood	G		1,500 (4' 11")
Minimum ground clearance	H		183 (0' 7")
Rear-end distance	I		875 (2' 10")
Rear-end swing radius	I'		875 (2' 10")
Distance between tumblers	J		1,550 (5' 1")
Undercarriage length (without grouser)	K		1,975 (6' 6")
Undercarriage width	L		1,550 (5' 1")
Track gauge	M		1,250 (4' 1")
Track shoe width, standars	N		300 (1' 0")
Height of blade	O		300 (1' 0")
Ground clearance of blade up	P		328 (1' 1")
Depth of blade down	Q		348 (1' 2")

WORKING RANGE



Description		Unit	Specifications
Max. digging reach		A	4,725 (15' 6")
Max. digging reach on Ground		A'	4,600 (15' 1")
Max. digging depth		B	2,695 (8' 10")
Max. digging depth (8' level)	mm (ft-in)	B'	2,230 (7' 4")
Max. vertical wall digging depth		C	2,200 (7' 3")
Max. digging height		D	4,290 (14' 1")
Max. dumping height		E	2,975 (9' 9")
Min. swing radius		F	2,100 (6'11")

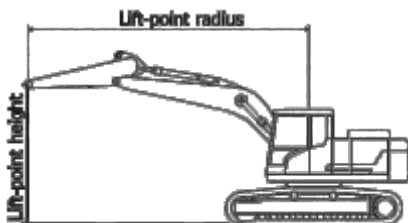
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LIFTING CAPACITY

Boom: 2.03 m (6'7"), Arm: 1.6 m, Dozer Blade Down, 300mm (12") Steel Track																		
		Lift-Point radius												At max reach				
		1.0m (3.3ft)		1.5m (4.9ft)		2.0m (6.6ft)		2.5m (8.2ft)		3.0m (9.8ft)		3.5m (11.5ft)		4.0m (13.1ft)		Capacity		Reach
																		mm (ft)
3.5m 11.5ft	kg															*670 *1480	600 1320	2.83 (9.3)
3.0m 9.8ft	lb									*600 *1320	550 1210					*600 *1320	460 1010	3.34 (11.0)
2.5m 8.2ft	kg									*610 *1340	550 1210	*640 *1410	420 930			*570 *1260	390 860	3.67 (12.1)
2.0m 6.6ft	lb									*680 *1500	540 1190	*660 *1460	420 930			*560 *1230	350 770	3.89 (12.8)
1.5m 4.9ft	kg					*1210 *2670	*990 *2180	*920 *2030	690 1520	*790 *1740	520 1150	*720 *1590	410 900	*600 *1320	330 730	*570 *1260	330 730	4.01 (13.2)
1.0m 3.3ft	lb							*1160 *2560	660 1460	*920 *2030	510 1120	*790 *1740	400 880	*710 *1570	330 730	*590 *1300	320 710	4.06 (13.3)
0.5m 1.6ft	kg					*1350 *2980	*890 *1960	*1340 *2950	640 1410	*1020 *2250	490 1080	*840 *1850	390 860	*700 *1540	320 710	*640 *1410	320 680	4.02 (13.2)
0.0m 0.0ft	lb					*1570 *3460	*880 *1940	*1430 *3150	630 1390	*1080 *2380	480 1060	*880 *1940	390 860			*710 *1570	320 730	3.90 (12.8)
-0.5m -1.6ft	kg	*1020 *2250	*1020 *2250	*1260 *2780	*1260 *2780	*2010 *4430	*880 *1940	*1420 *3130	620 1370	*1080 *2380	480 1060	*860 *1900	390 860			*780 *1720	360 790	3.70 (12.1)
-1.0m -3.3ft	lb	*1480 *3260	*1480 *3260	*1860 *4100	*1470 *3240	*1820 *4010	*880 *1940	*1320 *2910	620 1370	*1000 *2200	480 1060					*800 *1760	410 900	3.37 (11.1)
-1.5m -4.9ft	kg	*2070 *4560	*2070 *4560	*2210 *4870	*1490 *3280	*1480 *3260	*890 *1960	*1070 *2360	630 1390							*810 *1790	520 1150	2.88 (9.4)
-2.0m -6.6ft	lb					*770 *1700	*770 *1700									*740 *1630	*740 *1630	2.04 (6.7)

Unit : mm (ft in)

- Lifting capacity are based on ISO 10567.
- Lifting capacity of the HX Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
- (*) indicates load limited by hydraulic capacity.



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STANDARD / OPTION

● Standard / ○ : Option

ENGINE	
Mechanical control led kubota engine	●
Double-element air filter	●
Water seperator with filter	●
HYDRAULIC SYSTEM	
Open center Hydraulic system	●
Two-speed travel with auto-shift	●
Pressure Aux. control	●
Proportional Aux. control	○
1way Aux. Hydraulic line for breaker1	●
2way Aux. Hydraulic line for grapple	○
4way Aux. Hydraulic line for rotating	○
Pattern change valve	○
CABIN & CANOPY	
Canopy	●
ROPS (Roll-over Protactive structure,ISO12117-2)	●
OPG(Operator Protactive Guard) Leval1	○
Adjustable Mechanical Suspension Seat	●
Travel levers with foot pedals	●
Travel alarm	○
LED beacon lamp	○
5" Digital cluster with Ip68 water & dust proof	●
12V power socket	●
Operator Seatbelt	●
Cup Holder	●
Horn	●
WORKING EQUIPMENT	
Zero-tail swing (standard Counterweight)	●
Reduced swing radius (with add-on counterweight)	●
Boom swing function	●
Arm with thumb bracket	○
Hyundai quick coupler	○
Quick coupler piping	○
Safety valves for Dozer	○
Travel & Swing motor with disc brake	●
1Halogen work light on boom	○
1LED work light on boom	●
1LED work lights on canopy	○
UNDERCARRIAGE	
Rubber track	○
Steel track	●

Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards. The photos may include attachments and optional equipment that are not available in your area. Materials and specifications are subject to change without advance notice. All imperial measurements rounded off to the nearest pound or inch



Disclaimer: All the locations marked on the map are of dealers head offices

HD Construction Equipment India Pvt. Ltd.

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