

HD130A

DOZER



Engine Power
157 hp (117 kW) @ 2200 rpm

Blade Capacity
3.54 m³ / 4.18 m³

Operating Weight
LGP Blade 15300 kg/XL Blade 14500 kg

HYUNDAI
CONSTRUCTION EQUIPMENT

TRUST HYUNDAI TO BRING YOU A BETTER DOZER

Hyundai Construction Equipment introduces a powerful new grading machine to join our lineup of durable construction equipment. The new Hyundai HD130A XL has a narrow width, while our wider tracked HD130A LGP provides lower ground pressure. Both dozers deliver best-in-class horsepower and weight for better traction to push more material, while Smart Technologies and unbeatable visibility help operators of all skill levels achieve greater grading precision. A highly durable undercarriage stands up to the toughest conditions to get more work done, while lowering maintenance costs.



TRUST HYUNDAI FOR PRODUCTIVITY

With best-in-class horsepower and machine weight, you get more power to the ground and superior tractive effort. This helps you push more material and maximise productivity. Using the max forward and reverse speeds, you can quickly and easily move from one end of the jobsite to the other or reposition the machine, which means you'll get more done.



✔ Parallel Ripper Attachment

The Hyundai dozer includes piping for an optional ripper attachment, making it easy to add. The ripper attachment features parallel linkage that helps maintain a constant angle to the ground regardless of the height. The ripper attachment helps to quickly break up hard, rugged materials prior to grading.

› Two Blade Options

Choose from a standard blade (LGP) with a 4.18 m³ capacity or a XL blade for general ground pressure configuration offering 3.54 m³ capacity.



✔ Fuel efficiency features

Eco Mode

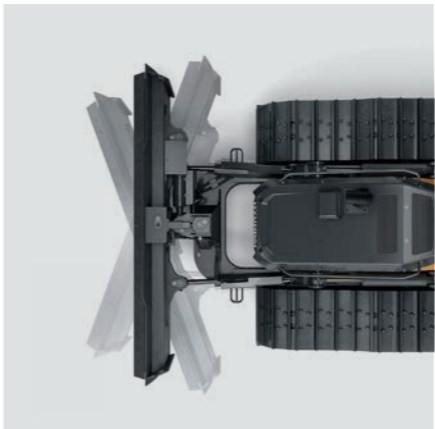
Select Eco mode for light grading conditions. The feature lowers the pump power output when working in lower tractive conditions to reduce daily fuel consumption by up to 5%.

Auto Idle

This feature reduces noise and fuel consumption by automatically putting the dozer engine into idle when not in use. Idle time can be set directly from the display monitor and automatically returns to the previous throttle setting when the controls are moved.

Auto Shutdown

Another feature that also saves fuel and helps lower warranty hours. When enabled, the engine automatically shuts down after five minutes of idling but can be set for longer periods using the Smart Touch display.



› 6-way power-tilt angle blade

This provides precision pushing capabilities to move and grade dirt, clay and other difficult material. Work more efficiently and reduce the number of passes on each job by lifting, tilting and angling the blade to move dirt exactly where it needs to go.



✔ 2-way mechanical adjustment

This feature also allows you to adjust the blade pitch from 54 to 58 degrees, to control how steeply it bites into the ground.

Blade shake button

When grading clay-like material, use this function blade to activate a shaking motion to quickly remove material stuck to the blade, without leaving the cab.



TRUST HYUNDAI FOR COMFORT AND SAFETY

The Hyundai HD130A dozer is designed with high-traffic jobsites, challenging work and long days in mind, with superior visibility and quiet, comfortable cabs. Easy-to-use controls and advanced grading technologies help operators of every skill level work efficiently and confidently.

► Fully Electronic Controls

Electrohydraulic controls are standard, making the machine easier to operate - even for the inexperienced. The ergonomically designed joystick offers low-effort control to help reduce operator fatigue. The dozer cab layout and controls make operators more productive.



◀ Smart Touch screen

As standard, from the easy-to read touch screen, operators can monitor critical dozer functions and control machine settings, rearview camera, heating and cooling, radio, Bluetooth® wireless technology and more on one screen.

Heating and air conditioning system

Helps keep operators comfortable in every season with multiple air vents in the front, rear and floor areas. Front and door glass defrost vents help improve visibility.



◀ Greater visibility

Visibility was a high priority in the design of our dozer and the narrow design of the front nose hood makes it easier to see your work. Front cab pillars are minimised and all-glass doors help provide maximum glass area.

► 2D blade dozing assist

This 2D grading system makes precision grading easier for novice operators. The operator programs the needed inputs and the machine controls blade functions, finishing the job faster and with better accuracy. No GPS or lasers are required.

Cab suspension system

The (CabSus mount) dampens vibrations and provides outstanding protection against impact. It also deliver a smoother ride, even when starting and stopping the dozer.

Hands-free audio system

This allows operators to choose AM/FM, pair and connect a Bluetooth® device, make and answer phone calls using hands-free mode and play audio from a USB device.



Automatic shut off sensor

Stops the machine if the operator stands up. There is also a seatbelt warning alarm and a rotating beacon.

Meeting safety requirements

ROPS (Roll Over Protective Structure) and FOPS (Falling Object Protective Structure).

Standard safety features

These include a rearview camera, full high-illumination LED lights package and four premium, smooth-glide wiper blades.

TRUST HYUNDAI FOR DURABILITY

Dozer work can be punishing on machine components. That's why the HD130A is engineered and built to withstand the most rugged conditions for greater uptime, with less maintenance for lower total cost of ownership (TCO).



Two track guard options

General-purpose and full guard options are available, to provide exceptional performance and uptime protection.

Trackshoe options

These are available to help distribute the load to the ground, based on jobsite conditions. Narrow tracks are used for rugged, rocky environments, while a low-ground pressure option is best for sandy soil conditions.



High-Performance Perkins Engine

The dozer engine combines high performance with fuel efficiency. It delivers the robust power and durability required to take on the most demanding jobs.

Exclusive undercarriage design

Hyundai have developed a unique dozer undercarriage system to help lower operating costs. Both single and dual-flange rollers are used for improved durability and longer life. The dual-flange rollers go outside the chain of the track, while the single-flange rollers sit inside. This combination helps ensure that the track stays on the undercarriage, helping to reduce wear and provide greater operator comfort.



TRUST HYUNDAI FOR SERVICEABILITY

The HD130A dozer has been designed to give greater uptime with less servicing. When maintenance is needed, we've used easy to access parts and made daily checks simple.

Easy access undercarriage

Areas of the undercarriage that naturally experience greater wear and tear are easy to access.

No pre-cleaner

There's no pre-cleaner to obstruct the view of the blade. An in-line pre-cleaner is hidden under the hood.

Peace of mind information

An easy-to-read, user-friendly multilingual touchscreen displays all the important settings and information you need, allowing operators to monitor critical dozer functions and control machine settings.

Cooling system

The cooling system for the radiator/oil cooler module is hydraulically driven and located at the rear of the machine.

Tilting cab

For easy maintenance, the cab can be tilted by loosening bolts and lifting up by a controlled hydraulic system. It is then protected by a safety guard once fully opened. This enables critical components to be reached without having to dismantle the cab.



Easy access

Regular inspection points are easily accessible at ground level.

Hi-MATE. Hyundai's remote management system

Hi MATE, Hyundai's remote management system, utilises GPS-satellite technology to provide customers with the highest level of service and product support available. It's convenient, easy and valuable, allowing you to monitor your equipment from anywhere.

Keeping you covered

Hyundai genuine parts and accessories are designed to keep your machine running at optimum performance, providing increased uptime, comfort and productivity. Our 13000m² European Parts Warehouse guarantees 24-hour delivery across our dealer network.

Hyundai Standard and Extended Warranty Programmes are also available, providing peace of mind and giving you full control over your operating costs.



HD130A

SPECIFICATIONS

SPECIFICATIONS	HD130A
ENGINE	
Make	Perkins
Model	1204J
Number of cylinders	4
Rated power, gross (hp, SAE J1995)	157 hp (117 kW) @ 2200 rpm
Rated power, net (hp, SAE J1349)	157 hp (117 kW) @ 2200 rpm
Maximum torque, net (SAE J1995)	710 N.m @ 1400 rpm
Displacement	4.4 L (268.5 in³)
Bore and stroke	105 mm x 127 mm (4.13 in x 5 in)
Starter	24 V (7.8 kW)
Battery (qty 2)	2 x 12 V, 100 A
Alternator	24 V, 100 A
Air cleaner	Power core

HYDRAULIC SYSTEM	
Axial Piston	Variable displacement
Main pump	132 L/min. (34.8 gpm)
Relief pressure (normal)	270 kgf/cm² (265 bar)

UNDERCARRIAGE	
Upper rollers (each track)	2
Lower rollers (each track)	8
Number of shoes (links per side)	41

DRIVE SYSTEM	
Travel speed (low - high)	0 - 9.0 km/h (0 - 5.6 mph)
Max. traction force (drawbar pull)	22000 kgf
Max. grade	35° (70%)

SPECIFICATIONS	HD130A
ENVIRONMENT	
Sound level (2000/14/EC)	106 dB(A)
Cabin sound level (ISO 6396)	76 dB(A)

REFILL CAPACITIES	
	liter
Fuel tank	267
DEF tank	19
Cooling system (radiator capacity)	44.6
Engine oil	12.35
Final drive (each side)	4.5
Hydraulic tank	100

HYDRAULIC CYLINDERS	
Blade lift (2) bore x rod diameter x stroke	100 mm x 50 mm x 362 mm
Blade angle (2) bore x rod diameter x stroke	90 mm x 50 mm x 461 mm
Blade rotate (1) bore x rod diameter x stroke	110 mm x 65 mm x 140 mm
Ripper lift bore x rod diameter x stroke	125 mm x 70 mm x 362 mm

AIR-CONDITIONING	
The air conditioning system contains fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.70 kg of refrigerant representing a CO2 equivalent of 1.00 metric tonnes.	

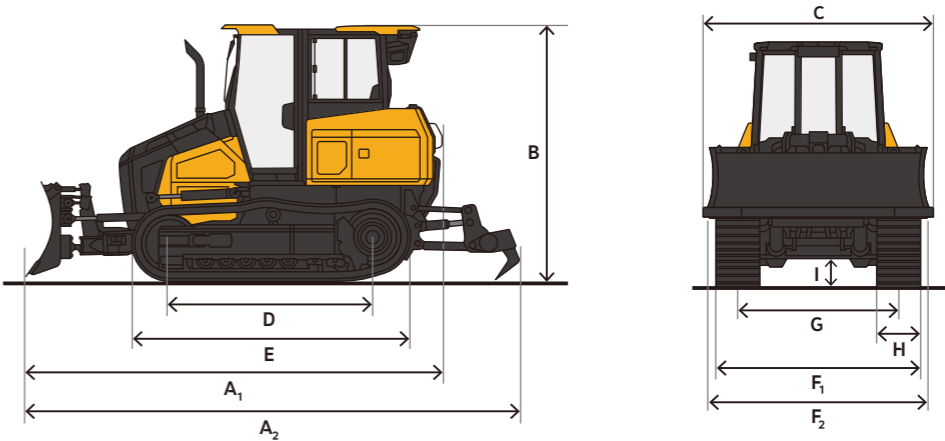
The piston rods and cylinder bodies are made of high-strength steel. A shock-absorbing mechanism is fitted in all cylinders to ensure shock-free operation and extended piston life.

NOTE: Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. Pictures of HYUNDAI dozers may show other than standard equipment. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. HYUNDAI construction equipment is manufactured with a Quality Management System that is in compliance with ISO 9001:2008. All dimensions are given for HYUNDAI dozers equipped with standard tires.

HD130A

DIMENSIONS

MACHINE DIMENSIONS



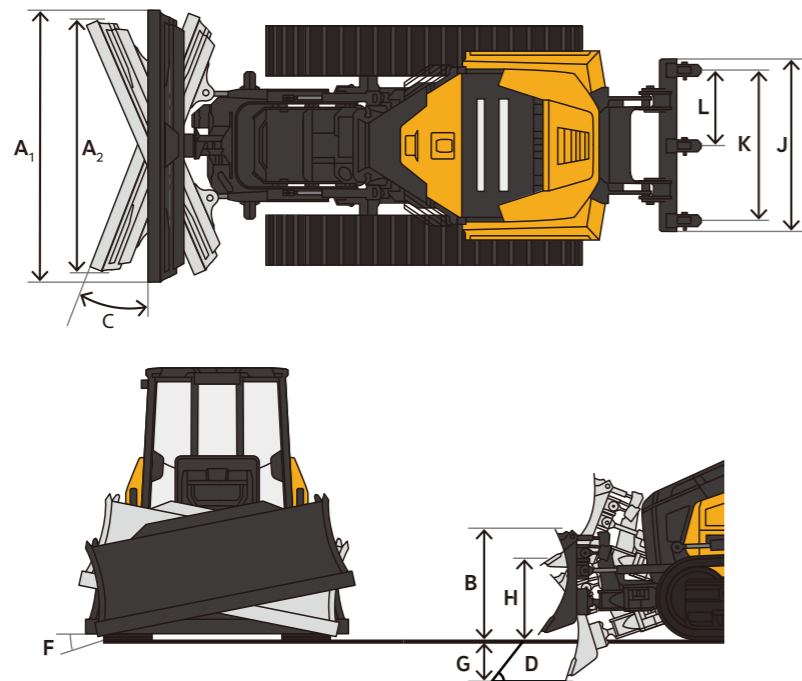
Unit: mm

	Blade type	XL Blade	LGP Blade (Standard)
A1	Overall shipping length	5035	
A2	Overall shipping length (w/ ripper)	6030	
B	Overall shipping height	3180	
C	Overall shipping width (blade straight)	3105	3655
D	Tumbler length	2720	
E	Overall track length	3690	
F1	Undercarriage width	2330	2760
F2	Overall shipping width (Blade at max. angle)	2870	3370
G	Track gauge width	1770	2000
H	Track grouser width	560	760
I	Ground clearance	355	

HD130A

WORKING RANGE

WORKING RANGE



	Blade type	XL Blade	LGP Blade (Standard)
	Blade capacity (SAE)	3.54 m³	4.18 m³
A1	Blade width	3105 mm	3650 mm
A2	Blade width, max. ang	2870 mm	3370 mm
B	Blade height	1115 mm	
C	Blade angle, max.	± 25°	
D	Blade tilt angle, max.	± 8°	
E	Blade cutting edge angle	54° – 59°	
F	Blade digging depth	405 mm	
G	Blade clearance	1110 mm	
H	Ripper penetration, max.*	280 mm	
I	Ripper beam width	1964 mm	
J	Ripper, cut width	1740 mm	
K	Ripper, shank distance	870 mm	
L	Operating weight (without ripper)	14500 kg	15300 kg
	Ground pressure	0.43 kg/m²	0.35 kg/m²
	Rear ripper weight	866 kg	

*Not shown on diagram

HD130A

STANDARD/OPTIONAL EQUIPMENT

MODEL	HD130A
Base machine (XL)	●
Blade (XL)	●
Audio	●
Rotating beacon	●
Track guard (normal)	●
Telematics (global, cell only)	●
Rear view camera	●
Seat belt warning	●
560mm XL shoe (with XL blade)	●
ROPS/ FOPS Cabin	●
Blade (LGP)	□
Parallel ripper (with piping)	□
Smart machine guidance	□
Smart machine control ready KIT	□
Forestry guard (cabin)	□
Additional work lamp	□
Full track guard	□
760mm LGP shoe (with LGP blade)	□
Towing draw bar	□
Dozing assist control system	□

- Standard
- Optional



In Europe, Hyundai Construction Equipment is operated and managed by:

HD Hyundai Construction Equipment Europe nv, Hyundailaan 4,
3980 Tessenderlo-Ham, Belgium T +32 14 56 22 00 E info@hyundai.eu
www.hyundai-ce.eu VAT BE0454495082

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