

HX800AL

CRAWLER EXCAVATOR



Gross Power
402kW (539 hp) at 2100 rpm

Bucket Capacity
4.64 - 5.24 m³

Operating Weight
79100 - 83200 kg

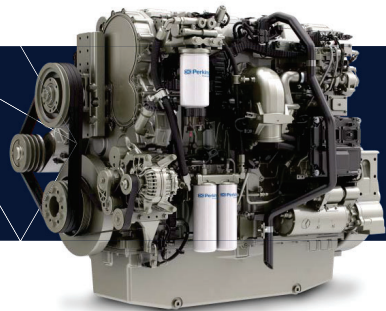
HYUNDAI
CONSTRUCTION EQUIPMENT

READY TO CHALLENGE ON PERFORMANCE AND EFFICIENCY

Introducing the Hyundai HX800A L, a new A-Series crawler excavator designed for high performance at a low cost of ownership. Equipped with a new Perkins engine this machine is the most powerful in its class and along with the highest total hydraulic flow, it delivers unmatched performance and incredible fuel efficiency. For superior versatility, advanced technologies allow you to customise the machine to your working conditions with different power and working modes, plus boom and swing priority. The HX800A L is truly ready to challenge.

New powerful engine

The new Perkins Stage V engine is the most powerful engine in its class with high pressure fuel injectors, a twin-scroll wastegate turbocharger and electronic control. It delivers a powerful 539 hp (402 kW) at 2100 rpm.



The Perkins engine meets the strictest environmental emission regulations in the world including a 60% reduction in Particulate Matter (PM).

Extremely fuel efficient

A combined exhaust after-treatment system, with Selective Catalytic Reduction (SCR), a Diesel Oxidation Catalyst (DOC) and a Diesel Particulate Filter (DPF) ensure that the HX800A L is as fuel efficient as possible.

Smart power control

This system automatically adjusts engine power and hydraulic output to improve fuel efficiency and reduce emissions.

Engine auto-shut-off

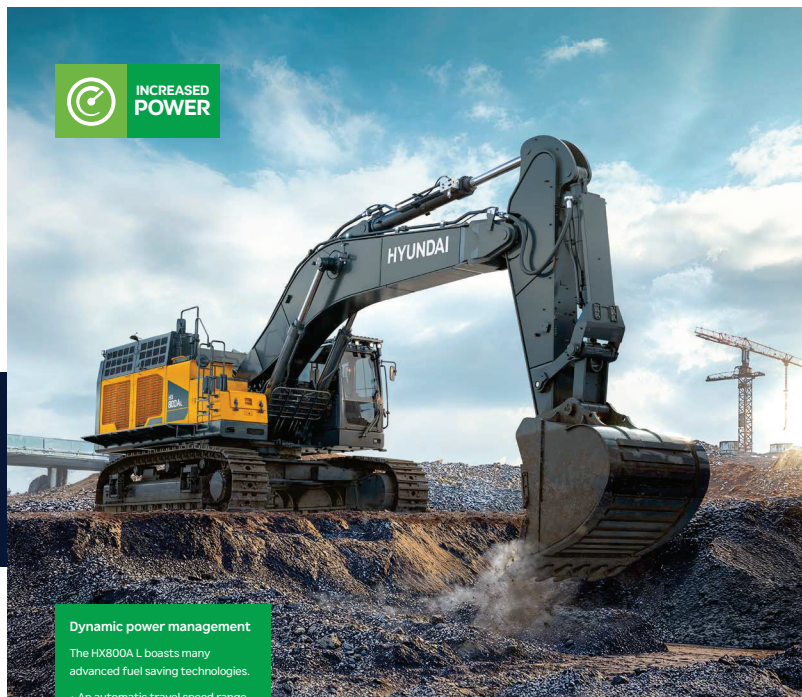
Shuts down the engine after the machine has been idling for a specified time. The operator can set the delay time before shut-off via the touchscreen.

Closed-centre hydraulic system

Pairing this advanced feature with the EPOS Controller ensures optimal hydraulic flow allocation, minimising fuel usage and reducing operating costs.



Smart power control



Dynamic power management

The HX800A L boasts many advanced fuel saving technologies.

- An automatic travel speed range selection as standard optimises fuel usage.
- A one-touch deceleration button immediately reduces engine speed to low idle.
- Auto-idling starts 4 seconds after all controls are returned to neutral, helping reduce fuel consumption and noise levels in the cab.
- The operator can choose between 4 power modes and 4 working modes for optimum performance in all conditions.

Boom and arm regeneration

This intelligent system uses gravity to lower the boom and arm without the need for additional pump usage, significantly reducing fuel consumption and minimising wear on the machine.

2 bucket cylinder spools

Another innovative design that allows quicker cycle times and increased overall efficiency.

The highest total hydraulic flow in its product category

This advanced feature ensures the rapid loading of dump trucks, leading to substantial reductions in overall ownership costs.

Construction configuration

Next to the mining & quarrying setup, we also offer the HX800A L in a construction configuration to align better with your projects. The new set-up comes with a longer boom and arm tailored for heavy construction assignments.

READY TO CHALLENGE ON COMFORT

The new HX800A L offers the ultimate in comfort and control. It boasts the quietest cabin in its category, while modern ergonomic design and cutting-edge features help minimise fatigue and maximise productivity. A premium heated seat featuring air suspension provides maximum support, while our new suspension system is engineered to minimise vibrations and shocks for a smooth and stable ride. On top of all that, an intuitive 8-inch smart touch screen places complete control at your fingertips.



Ergonomically designed pedals

The travel pedals have been placed in the middle and angled to relieve pressure on ankles and joints and help reduce operator fatigue.



Smart Touch screen

A big 8" display provides seamless menu browsing. Effortlessly access power and hydraulic settings as well as the machine status, while staying connected with Bluetooth connectivity.



Jog shuttle switch

Hyundai's innovative jog shuttle switch offers quick and easy management of all machine functions.

Fingertip control

The proportional thumb switches on the joysticks can be mounted horizontally or vertically for optimal control of hydraulic attachments.

The lowest internal noise in its class

Enjoy a quieter cabin for long productive hours spent working.

Cabin suspension

The cab's innovative suspension absorbs shocks and vibrations much more effectively than a conventional silent block system.

Smart key

Unlock a new level of convenience with the smart key. Easily locate your machine with the search function and activate the coming/ leaving home light for added safety. Effortlessly control access and start the engine with the touch of a button.

READY TO CHALLENGE ON DURABILITY

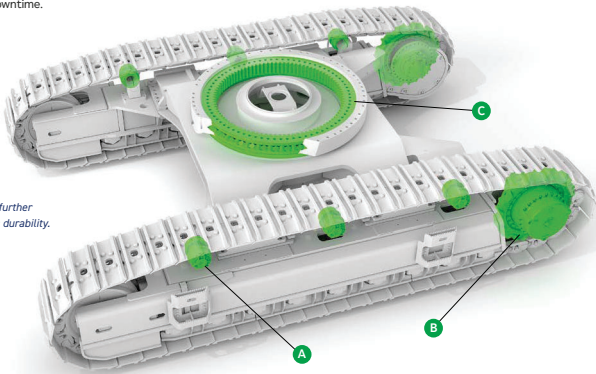
The new HX800A L has been designed and built to last. Quality components from leading suppliers ensure reliable performance, while our automatic greasing system delivers superior wear-resistance and enhanced component protection. A new undercarriage is perfectly suited for heavy work using bigger parts and more steel.

New highly durable undercarriage

The design of the HX800A L's undercarriage is perfectly suited for heavy work using bigger parts and more steel. A heavy-duty crossed roller swing bearing can handle more weight and force to reduce your downtime.

Quality-proven main components

Manufactured with the finest quality main components customized precisely for large equipment, this new machine offers best-in-class power and durability.



Our heavy-duty sprocket further increases your machine's durability.



The larger rollers in the newly upgraded undercarriage account for superior performance and longevity.



The heavy duty sprocket increases durability for an extended equipment lifespan.



Robust heavy duty swing bearing design for increased load capacity and reduced downtime.

Tough buckets for the toughest jobs

Hyundai heavy-duty buckets are designed to work in the toughest heavy construction environments. They are manufactured using the highest strength steel and abrasion resistance materials for maximum durability and long life. Our exceptional quality buckets have also been shaped for easy filling and higher productivity. With a high-grade lip plate and other key performance features, they are the perfect companion attachment for Hyundai excavators.



Structure

Hyundai offers a whole new structure designed specifically for mining operations, keeping your excavator running at all times in rugged harsh environments.

Heavy-duty boom and arm

The HX800A L has been designed specifically for mining, quarrying and mass excavation, ensuring a longer lifetime, greater uptime and lower TCO.

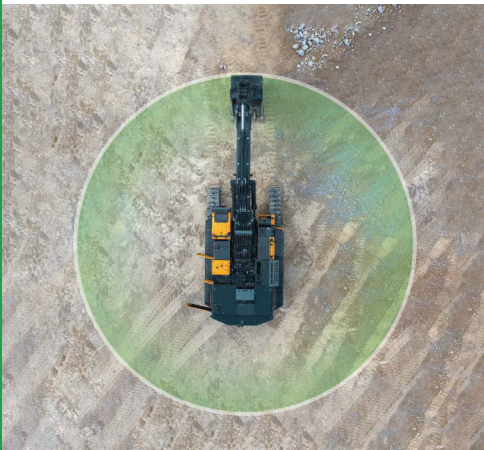
Cylinder guards OPTION

New cylinder guards are available for the boom and bucket to provide increased protection. They help shield the hydraulic cylinders from damage caused by harsh working conditions.



READY TO CHALLENGE ON SAFETY

Experience unparalleled peace of mind on every job site with the new HX800A L. It features a 360° AVM system, providing operators with an uninterrupted view for a safer work environment. Our commitment to complete safety is evidenced throughout from the moment you step in, with anti-slip steps and platforms complemented by powerful LED lighting. The machine is also equipped with guard rails on the upper structure, ensuring enhanced safety when servicing or making daily checks.



360° AVM system

Our cutting-edge system ensures a safe environment for both operator and people working around the machine, providing a clear 360° view.

Emergency engine stop switch

A manual engine stop switch located behind the seat can be used in emergencies. It can also be reached from outside the cabin.

Powerful LED Lighting

LED lighting makes working safer in low-light environments.

Seat belt warning alarm

If the seat belt is not buckled when the ignition key is turned, an alarm is triggered in intervals along with a continuous visual alert. This emphasises our priority for operator safety.

Guard rails on upper structure

Enjoy a safe working environment on top of the machine and when servicing.

Anti-slip steps and platforms

Ensuring safe entry and exit of the machine and peace of mind working on all sides of the machine.



Activate Auto Safety Check

The Auto Safety Lock prevents unintended operation due to the excavator not being controlled solely by the RCV lever.



READY TO CHALLENGE ON SERVICEABILITY

Hyundai excavators are renowned for their superior serviceability and the new HX800A L is no different. A centralised fuel filtration system increases engine life and allows easier access for inspection and maintenance, while a walkway on both sides of the machine provides a safe working environment close to the engine parts, increasing service speed and safety.

Adaptable ventilator

Our newly designed ventilator adapts to the oil temperature, turning less when cold and more when hot for greater efficiency and durability.

Centralised fuel filtration system

The water separator, pre-fuel filter and main filter are grouped together to increase durability and engine life. It also allows easier access for inspection and maintenance.

Automatic greasing system

To maximise equipment longevity, our automatic greasing system delivers superior wear-resistance and enhanced component protection.

Easy to clean cab

Speed up the cleaning of your cab thanks to a handy air compressor.



QUICK
SERVICING FOR
MAXIMUM
UPTIME

Hi MATE

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

Increase productivity

By providing information such as service hours, idle time and fuel consumption, Hi MATE saves you money and improves productivity. Service alerts enable better maintenance planning.

Monitor your machines

Hi MATE's real-time location information allows convenient monitoring of your equipment via the Hi MATE website or mobile app.

Improve Security

Protect your equipment from theft or unauthorised usage. Hi MATE's geofencing alerts notify you automatically when a machine leaves a predetermined zone.

API

The Hi MATE API offers a comprehensive data set from your machine, delivered in an open format for effortless integration into your own telematics system. This seamless connection optimizes efficiency and enhances your machine monitoring.

Mobile fleet app

Our Mobile Fleet app provides all the information you need to run your fleet efficiently and economically.



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.



HYUNDAI



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