

# HX800AL

CRAWLER EXCAVATOR



Gross Power  
402kW (539 hp) at 2100 rpm

Bucket Capacity  
4.64 - 5.24 m<sup>3</sup>

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.



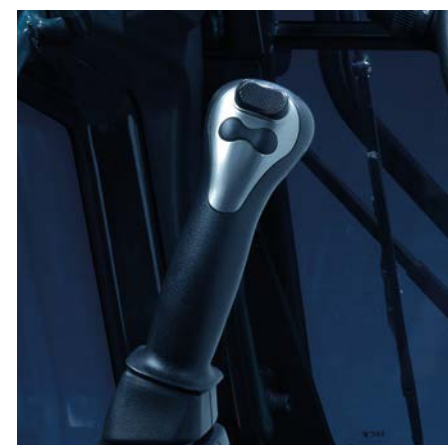
## 📌 Ergonomically designed pedals

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

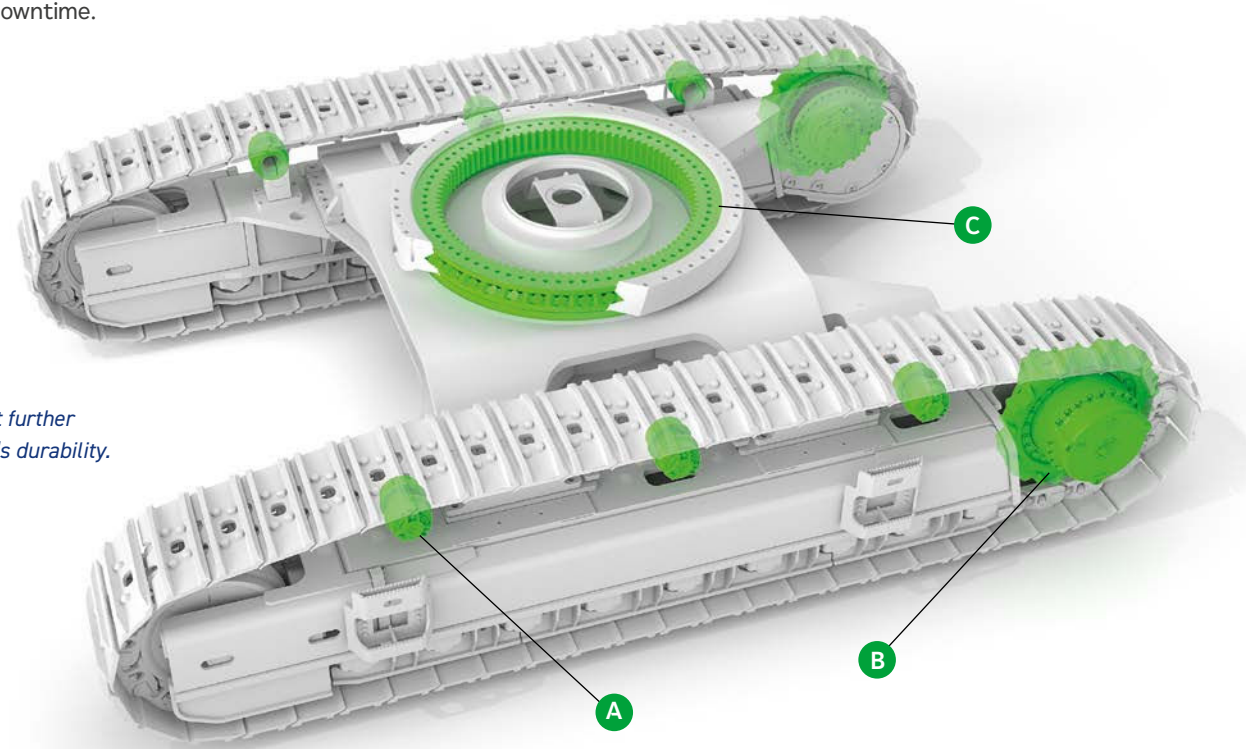
The new HX800A L has been designed and built to last. Quality components from leading suppliers ensure reliable performance, while our automatic greasing system delivers superior wear-resistance and enhanced component protection. A new undercarriage is perfectly suited for heavy work using bigger parts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



RCV lever is pressed



Unlock safety lever

Turn on indicator lamp



Activate "auto safety lock"



Excavator is not controlled by RCV lever and prevents unintended operation



# 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.

# 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.





# HX800A L

## SPECIFICATIONS

SPECIFICATIONS	HX800A L
ENGINE	
Maker / Model	Perkins
Model	2506J
Number of cylinders	6
Rated Power (SAE J1995)	402 kW (5391 hp) @ 2100 rpm
Max Torque (SAE J1995)	2468 Nm @ 1400 rpm
Piston displacement	15.2 L
Bore and stroke	137 mm x 171 mm
Starter	9.0 kW (24 V, 12.1 hp)
Battery	2 x 12 V, 200 AH
Alternator	24 V, 115 amp
Air cleaner	Double elements & precleaner
HYDRAULIC SYSTEM	
Main pumps	2 x 504 L/min
Pilot pump	50.4 L/min
WORKING PRESSURE	
Boom/arm/bucket (normal mode)	357 kg/cm²
Travel	357 kg/cm²
Swing	357 kg/cm²
Pilot	214 kgf/cm²
UNDERCARRIAGE	
Upper rollers (each track)	3
Lower rollers (each track)	8
Number of shoes (links per side)	48

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. All dimensions are given for HYUNDAI excavators equipped with standard tracks and the standard front as listed. Pictures of HYUNDAI excavators may show other than standard equipment. HYUNDAI equipment is manufactured with a Quality Management System that is in compliance with ISO 9001:2008.

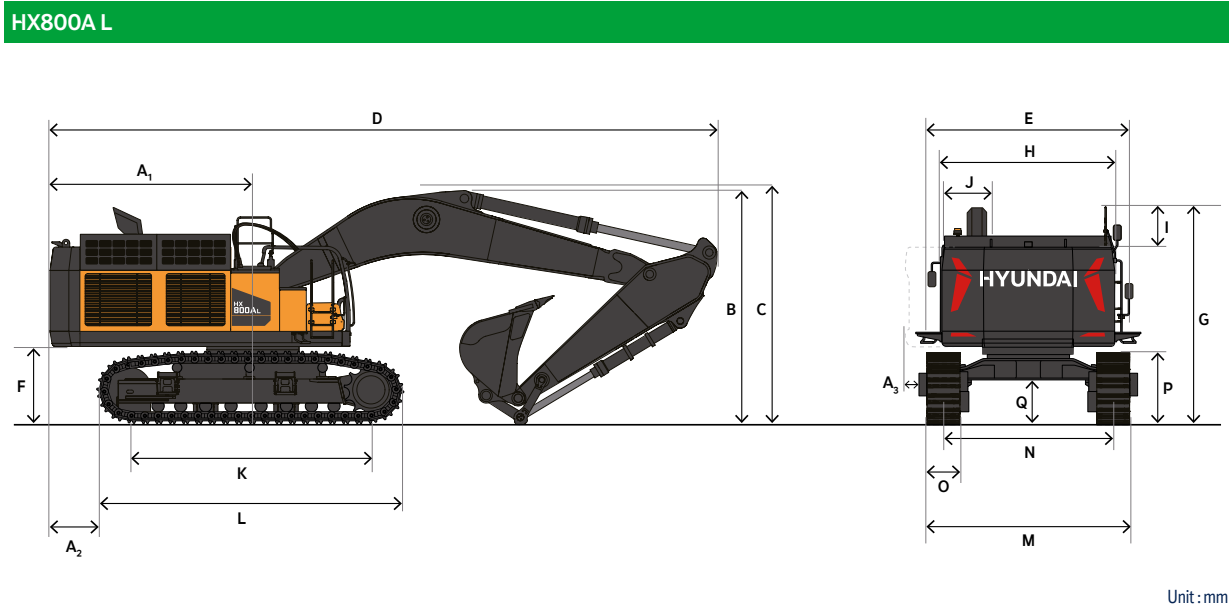
SPECIFICATIONS	HX800A L
SWING MECHANISM	
Swing speed	0 – 7.4 rpm
Swing torque	31600 kgf m
DRIVE SYSTEM	
Travel speed (low – high)	3.0 – 4.9 km/h
Traction force max. (drawbar pull)	70700 kgf
Max. grade (limited by engine)	35° (70%)
ENVIRONMENT	
Sound level (2000/14/EC)	109 dB (A)
Cabin sound level (ISO 6396)	71 dB (A)
REFILL CAPACITIES	
Fuel tank	880 L
DEF tank	47 L
Cooling system (radiator capacity)	86.3 L
Engine oil (with filler)	60 L
Swing drive	2x8 L
Final drive (each side)	20 L
Hydraulic system	790 L
Hydraulic tank	435 L
HYDRAULIC CYLINDERS	
Boom (2) bore x rod diameter x stroke	190 mm x 125 mm x 1795 mm
Arm (1) bore x rod diameter x stroke	215 mm x 150 mm x 2030/1879 mm (STD/OPT)
Bucket (1) bore x rod diameter x stroke	190 mm x 130/140 mm (STD/OPT) x1465 mm
AIR CONDITIONING	
The air conditioning system contains fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.90 kg of refrigerant representing a CO2 equivalent of 1.287 metric tonnes.	

\*ME: Mass Excavation arm

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.

# HX800A L

## DIMENSIONS



	Boom length	7700	6650
	Arm length	3550	2900
	Bucket type (SAE)	4.64 m³	4.64 m³
	Track type	Extendable	5.24 m³
A¹	Tail swing radius	4100	
A²	Tail swing overhang (rear)	1120	
A³	Tail swing overhang (side)	1975	
B	Shipping height (boom)	4615	4420
C	Shipping height (hose)	4865	4690
D	Shipping length	13165	13370
E	Shipping width (with step)	3810	12320
F	Counterweight clearance*	1490	

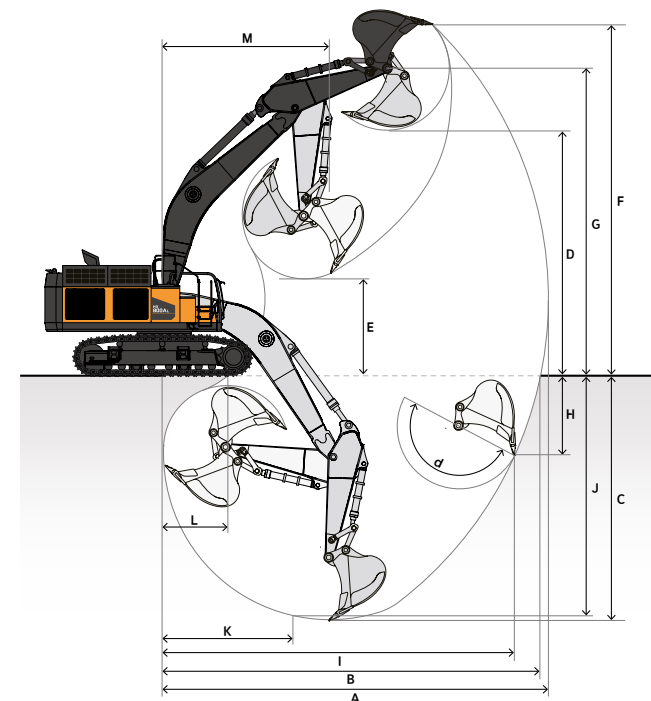
G	Handrail guard rail height	4100
H	Upper structure width	3410
I	Rail height above cabin	560
J	Cabin width	1010
K	Tumbler distance	4730
L	Overall track length	5960
M	Undercarriage width (extended)	4000
N	Track gauge (extended)	3350
O	Track gauge (retracted)	2750
P	Track shoe width	650
Q	Track height	1310
R	Ground clearance*	830

\*Without grouser

HX800A L

# WORKING RANGE

HX800A L



Boom Length		7700	7700	6650
Arm Length		3550	2900	2900
Bucket type (SAE, PCSA)		4.64 m³	4.64 m³	5.24 m³
A	Max. Digging reach	13215	12670	11595
B	Max. Digging reach on ground	12945	12390	11290
C	Max. Digging depth	8370	7725	7120
D	Max. Loading height	8380	8245	7000
E	Min. Loading height	3300	3975	3060
F	Max. Digging height	12000	11910	10470
G	Max. Bucket pin height	10525	10390	9260
H	Max. Vertical wall depth	2715	2455	1840
I	Max. Radius vertical	12070	11590	10685
J	Max. Depth to 8' line	8230	7565	6965
K	Min. Radius to 8' line	4480	4495	3720
L	Min. Digging reach	2250	2990	1705
M	Min. Swing radius	5730	5775	5240
	Bucket angle (deg)	178°	178°	154°

MACHINE WEIGHT AND GROUND PRESSURE								
Boom (mm)	Arm (mm)	Bucket (m <sup>3</sup> SAE)	Operating weight (kg)			Ground pressure (kg/cm <sup>2</sup> )		
			650 mm shoes	750 mm shoes	900 mm shoes	650 mm shoes	750 mm shoes	900 mm shoes
7700	3750	5.24	80600	81600	83200	1.19	1.04	0.88
7700	2900	4.64	79500	80500	82100	1.21	1.06	0.89
6650	2900	5.24	79100	80100	81700	1.19	1.04	0.88

\* incl. 10.7 ton standard counterweight

HX800A L

# BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

**Hyundai buckets**  
Our heavy-duty buckets are the perfect fit for the HX800A L and are purpose designed for mass excavation in tough applications such as mining and quarrying.

- Key features & benefits:**
- Made using high strength steel.
  - High abrasion resistance.
  - High grade lip plate for greater durability.
  - Shaped for easy filling and high productivity.

Capacity (m <sup>3</sup> )		Bucket width (mm)	Weight (kg)	Tooth (EA)	6650mm boom		7700 mm boom	
CECE	SAE				2600 mm arm	2900 mm arm	2900 mm arm	3550 mm arm
4.18	4.64	1950	4785	5	●	○	▲	▲
4.70	5.24	1940	4964	5	○	■	▲	✕

- Applicable for materials with density of 2100 kg/m<sup>3</sup> or less
- Applicable for materials with density of 1800 kg/m<sup>3</sup> or less
- Applicable for materials with density of 1500 kg/m<sup>3</sup> or less
- ▲ Applicable for materials with density of 1200 kg/m<sup>3</sup> or less
- ✕ Not Recommended

DIGGING FORCE					
Boom	Length	mm	7700	7700	6650
Arm	Length	mm	3550	4200	2900
Bucket	SAE	m <sup>3</sup>	5.24	4.64	5.24
Bucket Digging Force	SAE	kN	332	312	332
		kg	33900	31800	33900
	ISO	kN	358	341	358
		kg	36500	34800	36500
Arm Crowd Force	SAE	kN	283.4	252.0	328.5
		kg	28900	25700	33500
	ISO	kN	285.4	256.9	336.4
		kg	29100	26200	34300















HX800A L

# LIFTING CAPACITY















 Rating over-front    Rating over-side or 360 degrees

HX800A L

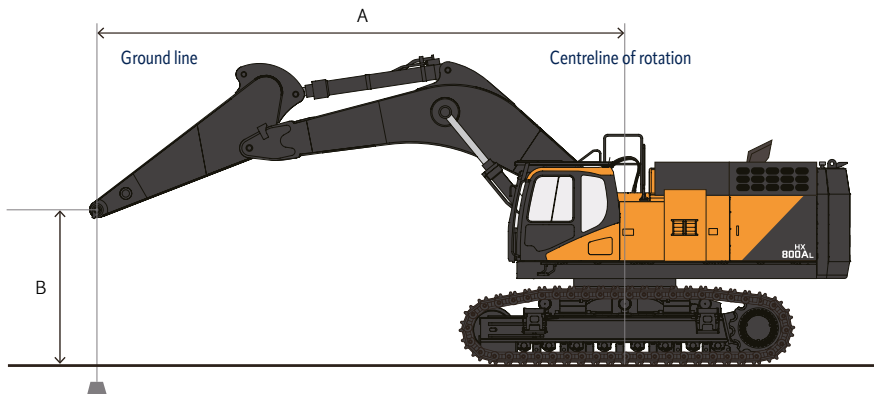
Boom: 6650 mm, Arm: 2900 mm, Counterweight: 10720 kg, Shoe Size: 650 mm, Bucket: None, Unit: kg

Lift-point height m		Lift-point radius										At max. Reach		
		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		Capacity		Reach
														m
9.0 m	kg											*12.91	*12.91	7.00
7.5 m	kg							*17.51	*17.51			*14.68	*14.68	8.00
6.0 m	kg					*20.49	*20.49	*18.05	*18.05			*14.42	*14.42	8.75
4.5 m	kg					*23.05	*23.05	*19.23	*19.23	*17.07	14.97	*14.65	14.44	9.20
3.0 m	kg					*25.56	*25.56	*20.50	19.18	*17.51	14.64	*15.34	13.75	9.38
1.5 m	kg					*27.10	*25.67	*21.36	18.59	*17.72	14.34	*16.61	13.65	9.32
0.0 m	kg					*27.21	*25.15	*21.41	18.24	*17.13	14.20	*17.12	14.19	9.00
-1.5 m	kg			*33.23	*33.23	*25.74	*25.05	*20.18	18.17			*17.04	15.60	8.41
-3.0 m	kg	*34.85	*34.85	*28.30	*28.30	*22.24						*16.43	*16.43	7.47
-4.5 m	kg			*19.89	*19.89	*14.32	*14.32					*14.18	*14.18	6.02

Boom: 7700 mm, Arm: 2900 mm, Counterweight: 10720 kg, Shoe Size: 650mm, Bucket: None, Unit: kg

Lift-point height m		Lift-point radius												At max. Reach		
		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Capacity		Reach
																m
9.0 m	kg							*34.77	*34.77					*34.32	*34.32	27.40
7.5 m	kg							*35.58	*35.58	*33.05	*33.05			*32.90	31.64	30.58
6.0 m	kg					*45.25	*45.25	*37.93	*37.93	*33.71	33.11			*32.20	27.90	32.71
4.5 m	kg					*51.25	*51.25	*40.95	*40.95	*35.12	32.14			*31.87	25.76	34.00
3.0 m	kg							*43.72	40.39	*36.54	31.13	*31.82	24.80	*31.75	24.71	34.53
1.5 m	kg							*45.38	39.06	*37.41	30.32			*31.70	24.55	34.35
0.0 m	kg					*57.14	*52.85	*45.41	38.34	*37.17	29.84			*31.57	25.31	33.44
-1.5 m	kg					*53.87	52.90	*43.46	38.18	*35.12	29.80			*31.15	27.25	31.73
-3.0 m	kg	*61.48	*61.48	*57.53	*57.53	*48.01	*48.01	*38.85	38.62					*29.98	*29.98	29.11
-4.5 m	kg			*45.32	*45.32	*38.17	*38.17	*28.78	*28.78					*26.92	*26.92	25.24

1. Load point is the end of the arm.
2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
3. Lift capacities shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities.
4. The least stable position is over the side.
5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
6. Lift capacities are in compliance with ISO 10567.















HX800A L

# LIFTING CAPACITY













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HX800A L

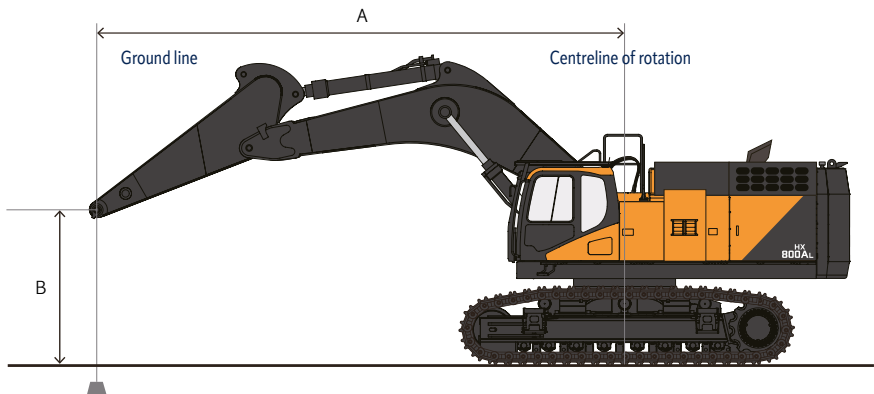
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Lift-point height m		Lift-point radius												At max. Reach		
		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Capacity		Reach
																m
10.5 m														* 12.37	* 12.37	7.79
9.0 m	kg									* 12.21	* 12.21			* 11.90	* 11.90	9.03
7.5 m	kg									* 14.06	* 14.06			* 11.46	* 11.46	9.93
6.0 m	kg							* 16.33	* 16.33	* 14.58	* 14.58	* 11.97	11.80	* 11.37	* 11.37	10.54
4.5 m	kg					* 22.07	* 22.07	* 17.84	* 17.84	* 15.37	14.80	* 13.81	11.61	* 11.55	10.88	10.91
3.0 m	kg					* 24.65	* 24.65	* 19.31	18.64	* 16.18	14.30	* 14.14	11.35	* 12.00	10.45	11.07
1.5 m	kg					* 26.14	24.68	* 20.35	17.95	* 16.79	13.87	* 14.33	11.12	* 12.76	10.37	11.01
0.0 m	kg					* 26.33	24.15	20.71	17.52	* 16.95	13.58	* 14.12	10.98	* 13.63	10.64	10.75
-1.5 m	kg			* 30.26	* 30.26	* 25.37	24.02	* 20.23	17.34	* 16.46	13.47			* 13.60	11.33	10.26
-3.0 m	kg	* 29.36	* 29.36	* 28.97	* 28.97	* 23.27	* 23.27	* 18.71	17.41	* 14.85	13.58			* 13.37	12.68	9.51
-4.5 m	kg	* 28.45	* 28.45	* 24.03	* 24.03	* 19.64	* 19.64	* 15.54						* 12.63	* 12.63	8.42
-6.0 m	kg			* 16.37	* 16.37	* 13.18	* 13.18							* 10.46	* 10.46	6.84

Boom: 7700 mm, Arm: 4200 mm, Counterweight: 10756 kg, Shoe Size: 900 mm, Bucket: None, Unit: kg

Lift-point height m		Lift-point radius										At max. Reach				
		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		Capacity		Reach
																m
10.5 m														*10.42	*10.42	8.61
9.0 m	kg									*12.87	*12.87			*9.70	*9.70	9.79
7.5 m	kg									*13.04	*13.04	*10.52	*10.52	*9.37	*9.37	10.62
6.0 m	kg							*15.20	*15.20	*13.67	*13.67	*12.71	12.20	*9.28	*9.28	11.20
4.5 m	kg					*20.50	*20.50	*16.79	*16.79	*14.57	*14.57	*13.12	11.92	*9.40	*9.40	11.55
3.0 m	kg					*23.33	*23.33	*18.41	*18.41	*15.50	14.67	*13.60	11.60	*9.71	*9.71	11.69
1.5 m	kg					*25.30	*25.30	*19.69	18.40	*16.27	14.17	*13.97	11.31	*10.26	9.68	11.64
0.0 m	kg					*26.06	24.61	*20.35	17.83	*16.67	13.79	*14.05	11.09	*11.12	9.89	11.39
-1.5 m	kg			*29.03	*29.03	*25.64	24.29	*20.25	17.54	*16.51	13.59	*13.56	11.01	*12.42	10.44	10.93
-3.0 m	kg	*26.38	*26.38	*30.88	*30.88	*24.09	*24.09	*19.22	17.50	*15.51	13.58			*12.54	11.50	10.23
-4.5 m	kg	*33.85	*33.85	*26.61	*26.61	*21.20	*21.20	*16.90	*16.90	*12.89	*12.89			*12.11	*12.11	9.23
-6.0 m	kg			*20.14	*20.14	*16.21	*16.21	*12.03	*12.03					*10.84	*10.84	7.82

1. Load point is the end of the arm.
2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
3. Lift capacities shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities.
4. The least stable position is over the side.
5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
6. Lift capacities are in compliance with ISO 10567.





HX800A L

STANDARD/OPTIONAL EQUIPMENT

MEMO

ENGINE	STD/OPT
Perkins 2506J	●
Stage V compliant	●
Turbo, waste gate (WGT)	●
Air-to-air intercooler	●
Selective catalyst reduction (SCR)	●
Diesel oxidation catalyst (DOC)	●
Diesel particulate filter (DPF)	●
Three-stage air cleaner	●
Cyclonic pre-filter & 2 filter elements	●

HYDRAULIC SYSTEM	STD/OPT
Pilot-operated control valves	●
Pattern change valve	□
Removable counterweight system	●
Variable-speed hydraulic cooling fan	●
Axial piston swing motors	●
Auxiliary hydraulics, one- & two-way piping with pedal	□
Auxiliary hydraulics, rotate piping	□
Quick coupler piping	□
Adjustable auxiliary flow & pressure, 10 presets	●
Intelligent floating boom	●
Breaker return filter	□
Boom & arm lock valves	●
Boom & arm flow regeneration	●
Straight travel	□

CONTROLS	STD/OPT
Proportional control for auxiliary hydraulics	□
Roll switch on both joysticks	□
Limp home mode control switch	●
Auto idle control system, one-touch deceleration	●
Button on joystick	●
Engine speed control dial	●
Advanced mechatronics with power mode control system	●
Power modes (P+, P, S, E)	●
Work modes (excavating, lifting, breaker, shear)	●
Jog dial display control	●
Electronic Power Optimizing System (EPOS)	●
Cross-sensing pump control	●

ELECTRICAL	STD/OPT
System voltage – 24 V	●
2 x 12 V batteries, 200 AH reserve capacity	●
Main circuit breaker	●
Power sockets – 12 V & 24 V	●
Electrical remote box with spare fuses & spare relays	●
LED lights: machine (2), boom (2)	●
Light, work (LED): 8	●
Rotating beacon (LED)	□
Overload warning alarm	●
Hour meter	●
Engine restart prevention system	●
Side view & rearview camera with LED lamps (3)	●
360° all-around view camera	□
Laptop service port	●
Self-diagnostics system	●
Smart key (remote ignition key)	●
Emergency stop switch	●
Swing alarm	●
Travel alarm	●
Lower window wiper	●

CAB	STD/OPT
Steel, all-weather & sound-suppressed	●
Vandalism guard hooks	□
Viscous mount with spring reinforcement	●
Front window with wiper	●
Tinted safety glass	●
Skylight top hatch with sun screen	●
Pull-up type top front window	●
Removable lower front window with storage behind seat	●
Adjustable sliding side door window	●
Defrost, front window	●
Seat	
Height adjustable panels	●
Sliding control console	●
Fully automatic HVAC with ambient temperature sensor	●
8" multi-function LCD interactive display monitor	●
Digital Bluetooth® audio broadcasting MP3 radio with cell phone integration	●
Audio control panel on/off switch	●
Control volume	●
Channel select	●
Antenna, roof-mounted	●
Emergency breakout tool	●
Cup holder	●
Shoe case	●
Coat hanger	●
Rain shield	●
FOG protection (top)	□
FOG protection (top and front)	□

UNDERCARRIAGE	STD/OPT
Track guards & chains with adjusters	●
Full track guard	□
Track rollers, upper	3
Track rollers, lower	8
Shoes, double grouser – 650 mm	●
Shoes, double grouser – 750 mm	□
Shoes, double grouser – 900 mm	□

OTHER	STD/OPT
Automatic lubrication	●
Handrails & service platforms	●
Skid-resistant steps & service platforms, upper deck	●
HYUNDAI Fleet Management 5-year subscription	●
Air compressor	□

- Standard

□ Optional

- Not available
- \* 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.



# HYUNDAI



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Specifications and design are subject to change without notice.  
Pictures of Hyundai Construction Equipment Europe products may  
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