ENGINE	STD	OPT
Hyundai HM8.3 Engine	●	

HYDRAULIC SYSTEM	STD	OPT
Intelligent Power Control (IPC)		
3-power mode, 2-work mode, user mode	●	
Variable power control	●	
Pump flow control	●	
Attachment mode flow control		●
Engine auto idle	●	
Engine auto shutdown control		●

CAB & INTERIOR	STD	OPT
ISO Standard Cabin		
Rise-up type windshield wiper	●	
Radio / USB player	●	
Handsfree mobile phone system with USB	●	
12 V power outlet (24 V DC to 12 V DC converter)	●	
Electric horn	●	
All-weather steel cab with 360° visibility	●	
Safety glass windows	●	
Sliding fold-in front window	●	
Sliding side window (LH)	●	
Lockable door	●	
Hot & Cool box	●	
Storage compartment & Ashtray	●	
Sun visor	●	
Door and cab locks, one key	●	
Pilot-operated slidable joystick	●	
Cabin lights		●
Cabin front window rain guard		●
Cabin roof-steel cover	●	
Automatic Climate Control		
Air conditioner & Heater	●	
Defroster	●	
Starting aid (air grid heater) for cold weather	●	
Centralized Monitoring		
8" LCD display - Normal type	●	
8" LCD display - Premium type		●
Engine speed or trip meter / Accel	●	
Engine coolant temperature gauge	●	
Max power	●	
Low speed / High speed	●	
Auto idle	●	
Overload warning with alarm		●
Check engine	●	
Air cleaner clogging	●	
Indicators	●	
ECO gauges	●	
Fuel level gauge	●	
Hyd. oil temperature gauge	●	
Warnings	●	
Communication error	●	
Low battery	●	
Clock	●	
Seat		
Mechanical suspension without heater	●	
Mechanical suspension with heater		●
Adjustable air suspension without heater		●
Adjustable air suspension with heater		●
Cabin FOPS		
FOPS (Falling object protective structures) · ISO 10262 Level 2		●
FOG (Falling object guard) ISO 10262 Level 2 — Front & Tops guard		●
FOG (Falling object guard) ISO 10262 Level 2 — Top guard		●
Cabin ROPS		
ROPS (Roll over protective structures) · ISO 12117-2		●

SAFETY	STD	OPT
Battery master switch	●	
Rearview camera		●
AAVM (Advanced around view monitoring)		●
Six front working lights (4 boom mounted, 2 front frame mounted)	●	
Travel alarm	●	
Rear work lamp		●
Beacon lamp		●
Automatic swing brake	●	
Boom holding system	●	
Arm holding system	●	
Safety lock valve for boom cylinder with overload warning device		●
Safety lock valve for arm cylinder		●
Swing Lock system		●
Two outside rearview mirror	●	

ATTACHMENT	STD	OPT
Booms		
6.45 m, 21' 2" Mono	●	
6.45 m, 21' 2" (HD)		●
6.15 m, 20' 2" Mono		●
Arms		
2.2 m, 7' 3"		●
2.5 m, 8' 2"		●
3.2 m, 10' 6"	●	
4.05 m, 13' 3"		●

OTHERS	STD	OPT
Removable clean-out dust net for cooler	●	
Removable washer tank	●	
Fuel pre-filter	●	
Fuel warmer		●
Self-diagnostics system	●	
Hi MATE (Remote management system)		●
Batteries (2 × 12 V × 150 AH)	●	
Fuel filler pump (50 lpm)		●
Single-acting piping kit (Breaker, etc.)		●
Double-acting piping kit (Clamshell, etc.)		●
Rotating piping kit		●
Quick coupler piping		●
Quick coupler		●
Accumulator for lowering work equipment	●	
Pattern change valve (4 patterns)		●
Fine swing control system		●
General type guardrail		●
Tool kit		●

UNDERCARRIAGE	STD	OPT
Lower frame under cover (Additional)		●
Lower frame under cover (Normal)	●	
Track Shoes		
Triple grousers shoes (600 mm, 24")	●	
Triple grousers shoe (700 mm, 28")		●
Triple grousers shoe (800 mm, 32")		●

* 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.

HYUNDAI CONSTRUCTION EQUIPMENT

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PLEASE CONTACT

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2020. 12 Rev.0

MOVING YOU FURTHER

HX340S L

*Photo may include optional equipment.

Gross Power	Net Power	Bucket Capacity	Operating Weight
194 kW (260 HP) at 2,200 rpm	190 kW (255 HP) at 2,200 rpm	1.44 m^3 (1.88 yd^3)	33,000 kg / 72,750 lb

HYUNDAI CONSTRUCTION EQUIPMENT

WHAT'S NEWEST AND BEST

HX340S L

THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

- New Variable Power Control
- Fuel Rate Information **Option**
- Attachment Flow Control **Option**
- IPC (Intelligent Power Control) **Upgrade**
- ECO Gauge
- New Cooling System with Increased Air Flow
- Enlarged Air Inlet with Grill Cover

ULTIMATE DURABILITY

- Durable Cooling Module
- Reinforced Pin, Bush, and Polymer Shim
- Reinforced Durability of Upper and Lower Structure and Attachments
- Wear Resistant Cover Plate
- Hi-grade (High-pressure) Hoses

EASY CONTROL AND COMFORTABLE OPERATION

- Intelligent and Wide Cluster
- New Front Side Air-conditioning System
- Proportional Auxiliary Hydraulic System **Option**
- Quick Coupler Button **Option**
- New Audio System

THE ULTIMATE SAFE ENVIRONMENT

- AAVM (Advanced Around View Monitoring) Camera System **Option**
- Hi MATE (Remote Management System) **Option**
- Cab Suspension Mount
- Swing Lock System **Option**
- Fine Swing Control **Option**

*Photo may include optional equipment.

*Photo may include optional equipment.

New Variable Power Control

The HX Series minimizes equipment input and output control signals to improves fuel efficiecy. Its three-stage power mode ensures the highest performance in any operating environmet.

* **P(power) mode :** Maximizes speed and power of the equipment for heavy load work.
* **S(standard) mode :** Optimizes performance and fuel efficiency of the equipment for general load work.
* **E(economy) mode :** Improves the control system for light load work.

THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

Fuel Efficient System, Allows Great Performance

The HX Series has an eco-friendly, high-performance engine which ensures both excellent fuel efficiency and high power. With outstanding operating performance proven by rigorous tests at various work sites, it will satisfy any customer's needs.

15% increased greater screen from 7 to 8 inch is applied in HX Series.
More funtions and better resolution are available with adding premium options.

Fuel Rate Information Option

IPC (Intelligent Power Control) Upgrade

HX Series adopts the upgraded IPC system. It is able to optimize pump flow rate and power at the various working condition through the individual pump control. Furthermore, optimized design of MCV and pipe line minimizes energy loss such as conflux and throttle loss.

Attachment Flow Control Option

The HX Series improves pump flow rate by independent control of two pumps. It optimizes attachments for effective flow rate setting depending on attachments (ten breaker types and ten crusher types), enabling various operations matching the site environments.

Eco Gauge

Eco gauge enables economic operation of machines. The gauge level and color displays engine torque and fuel efficiency level. On top of that, the status of fuel consumption such as average rate and the total amount of fuel consumed is displayed. Hourly and daily based fuel consumption can be checked in the detailed menu as well.

New Cooling System with Increased Air Flow

With the cooling module improving air inflow, the HX Series provides excellent cooling performance by increasing heat dissipation.

Enlarged Air Inlet with Grill Cover

Enlarged vent hole of the air inlet side cover and fine net grill to prevent penetration of foreign materials further improve durability.

ULTIMATE DURABILITY

New Exterior Design for Robustness and Safety

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

Durable Cooling Module

The HX Series has a durable cooling module that passed stringent tests, demonstrating the highest productivity in tough working environments.

Reinforced Pin, Bush, and Polymer Shim

The HX Series improves lubricity of connecting parts between the equipment and attachments. Gaps with attachments are minimized by wear-resistant long-life pins, bushes, and polymer shims, supporting the highest performance with invariable durability.

Reinforced Durability of Upper and Lower Structure and Attachments

The upper and lower structure and attachments of the HX Series have higher durability than demanded on the site, as proven through numerous tests including road tests and virtual simulation. The wear resistance of the bucket has been improved by use of new material.

Wear Resistant Cover Plate

A wear-resistant cover plate is installed at the end of the arm to minimize abrasion on the connector between the arm and the bucket. Vibration reduction of buckets enables more stable operation even in high-load work.

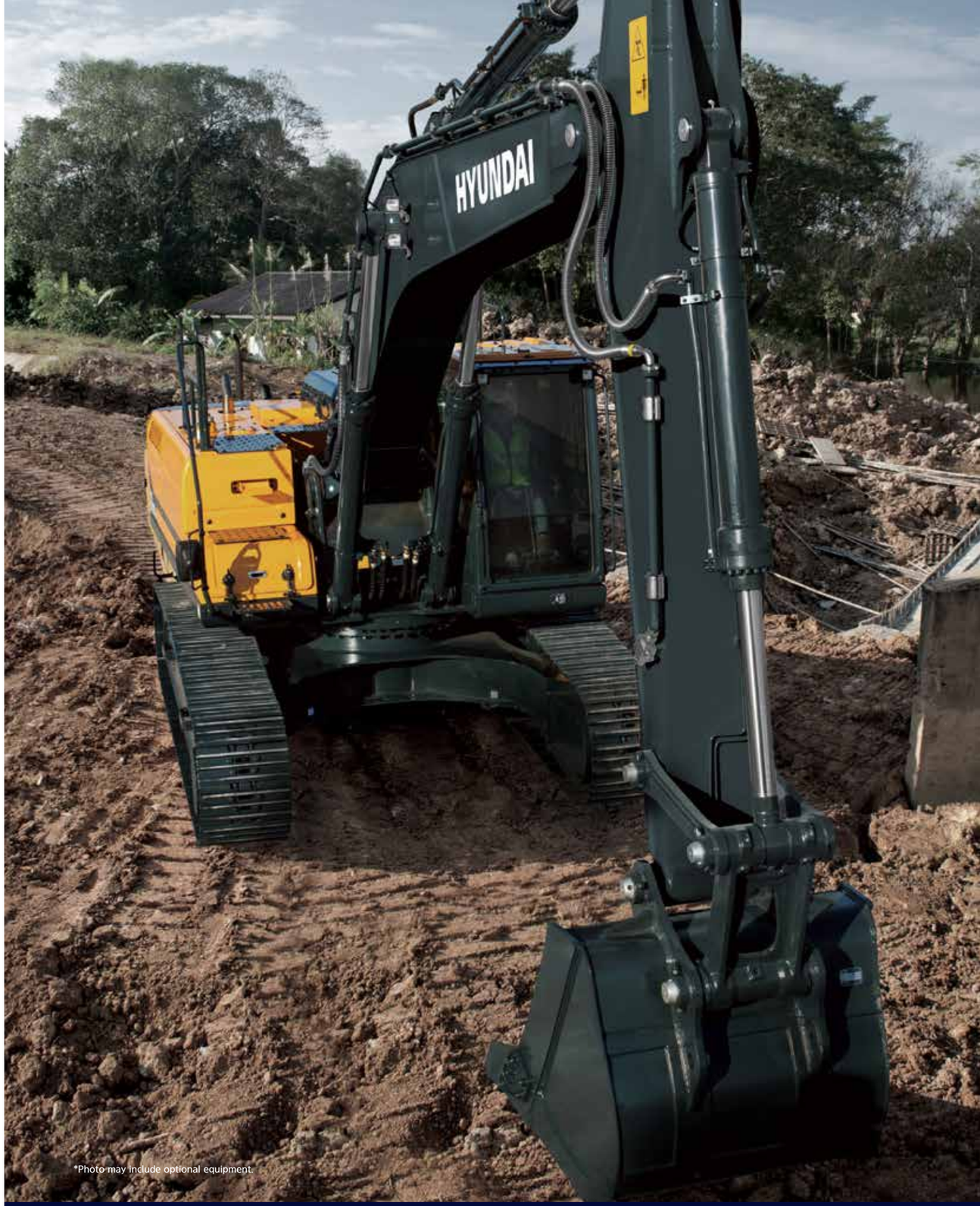


*Photo may include optional equipment.

Hi-grade (High-pressure) Hoses

The HX Series uses high-pressure hoses with improved heat and pressure resistance, greatly increasing the durability of the equipment.

*Photo may include optional equipment.

EASY CONTROL AND COMFORTABLE OPERATION

Improved Instrument Panel for Easier Monitoring

Many electronic functions are concentrated in the most convenient spot for operators to improve work efficiency. The highly-advanced infotainment system, a product of HCE's intensive information technology development, enables both productivity and comfort while working! The HX Series is designed with the operator in mind.

Intelligent and Wide Cluster

The 8-inch interactive touchscreen display of the HX Series is 15% larger than that of the previous model. The centralized switches on the display allow the operator to check the temperature outside the cab.

New Front Side Air-conditioning System

The ventilation is designed for both warm and cool air reaching to operators' faces. It could helps operators create more neat and enjoyable atmosphere through indoor air circulation.

Proportional Auxiliary Hydraulic System Option

- Proportional control switch for better speed control
- Enlarge the operation convenience

Front Side Air-Vent

Quick Coupler Button Option

Easy attachment replacement of equipment is available with quick coupler button.

New Audio System

The radio player with a USB-based MP3 player, an integrated Bluetooth hands-free feature, and a built-in microphone allow for phone calls while at work and in transit. The radio player is conveniently located on the right side of the operator to allow for improved access.

THE ULTIMATE SAFE ENVIRONMENT

New Cabin for More Comfort

Low noise, low vibration, and ergonomic design make the cabin space more comfortable and pleasant! With focus on safety and convenience of operators, the HX Series allows rapid and safe equipment inspection anytime and anywhere, providing an optimal environment for operators to work.

AAVM (Advanced Around View Monitoring) Camera System Option

The HX Series has a state-of-the-art AAVM video camera system to secure field of vision for operators in all directions, thereby preventing accidents. Operators can easily check the workplace in the front and rear and to the right and left.

* AVM (Around View Monitoring): Secure field of vision in all directions by nine views including 3D bird's eye view and 2D / 4CH view.
* IMOD (Intelligent Moving Object Detection): Inform when people or dangerous objects are detected within the range of operation (Recognition distance: 5m).

Hi MATE

It's Convenient, Easy and Valuable

Hi MATE Hyundai's newly developed remote management system, utilizes GPS-satellite technolgy to provide customers with the highest level of service and product support available. Hi MATE enables users to remotely evaluate machine performance, access diagnostic information, and verify machine locations at the touch of a button.

What is benefits

Increase Productivity

It helps you operate machines in efficient. You can check the difference between total engine hours and actual working hours. See how productive your machines are and plan any required cost saving solutions. Hi MATE offers working information such as working / idling hours, fuel consumption and rate.

Convenient and Easy Monitoring

There is nothing much to do to monitor your machines. Just log on to the Hi MATE website or mobile application. Hi MATE allows you to watch your machines whenever and wherever you are.

Security

Protect your machines from theft or unauthorized usage with Hi MATE. If the machine moves out of the Geo-fence boundary, you will get alerts.

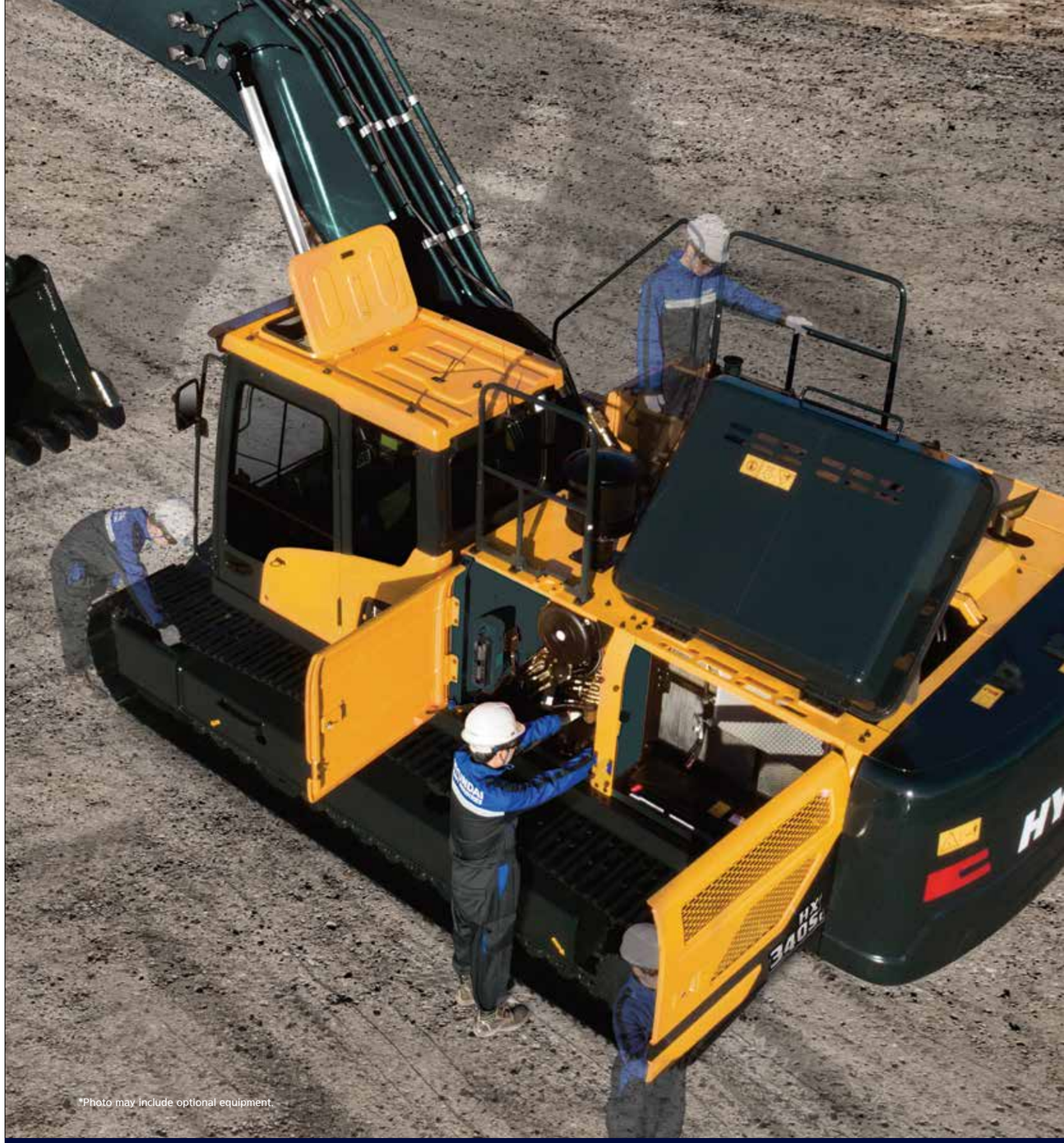


*Photo may include optional equipment.

Cab Suspension Mount

With a low-vibration design by the coil spring and damper inside the mount, the cab suspension mount of the HX Series reduces noise inside the cabin and improves durability, providing a comfortable operation space that lessens operators' fatigue.

Swing Lock System Option

Swing lock system is provided to maintain stability when swing movement needs to be limited, improving operating speed and productivity.

Fine Swing Control Option

Fine swing control is available for customer's convenience when users want to control fine swing.

SPECIFICATIONS

ENGINE

Maker / Model	HYUNDAI / HM8.3
Type	6 cylinder, water cooled, 4-cycle, turbocharged, charge air cooled, direct injection, mechanical controlled diesel engine.
Gross Power	194 kW (260 HP) at 2,200 rpm
Net Power	190 kW (255 HP) at 2,200 rpm
Max. Power	195 kW (261 hp) at 2,000 rpm
Peak Torque	1,150 N · m (848 lb.ft) at 1,300 rpm
Displacement	8.3 ℓ (506 cu in)

HYDRAULIC SYSTEM

MAIN PUMP

Type	Variable displacement tandem axis piston pumps
Max. flow	2×306 lpm
Sub-pump for pilot circuit	Gear pump

Cross-sensing and fuel saving pump system.

HYDRAULIC MOTORS

Travel	Two speed axial pistons motor with brake valve and parking brake
Swing	Axial piston motor with automatic brake

RELIEF VALVE SETTING

Implement circuits	350 kgf/cm² (4,980 psi)
Travel	350 kgf/cm² (4,980 psi)
Power boost (boom, arm, bucket)	380 kgf/cm² (5,400 psi)
Swing circuit	300 kgf/cm² (4,270 psi)
Pilot circuit	40 kgf/cm² (570 psi)
Service valve	Installed

HYDRAULIC CYLINDERS

No. of cylinder bore X stroke	Boom 2-Ø150×1,480 mm
	Arm 1-Ø160×1,685 mm 1-Ø170×1,685 mm (6.15, 6.45 HD Only)
	Bucket 1-Ø140×1,285 mm 1-Ø145×1,285 mm (2.20 Only)

DRIVES & BRAKES

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	29,500 kgf (65,030 lbf)
Max. travel speed (high / low)	6.4 km/hr (3.98 mph) / 3.6 km/hr (2.11 mph)
Gradeability	35° (70%)
Parking brake	Multi wet disc

CONTROL

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

Pilot control	Two joysticks with one safety lever (LH): Swing and arm, (RH): Boom and bucket (ISO)
Traveling and steering	Two levers with pedals
Engine throttle	Electric, dial type

SWING SYSTEM

Swing motor	Fixed displacement axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	11.2 rpm

COOLANT & LUBRICANT CAPACITY

	liter	US gal	UK gal
Fuel tank	600	158.5	132
Engine coolant	25	6.6	5.5
Engine oil	26.5	7.0	5.8
Swing device	11	2.91	2.42
Final drive (each)	8.0 (7.8)	2.06	1.72
Hydraulic system (including tank)	414	109.4	91.06
Hydraulic tank	210	55.5	46.2

UNDERCARRIAGE

The X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets, and a track chain with double or triple grouser shoes.

Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	48 EA
No. of carrier roller on each side	2 EA
No. of track roller on each side	9 EA
No. of rail guard on each side	2 EA

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 6,450 mm (21' 2") boom, 3,200 mm (10' 6") arm, SAE heaped 1.44 m³ (1.88 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

OPERATING WEIGHT

Shoes			Operating weight	Ground pressure
Type	Width mm (in)		kg (lb)	kgf/cm² (psi)
Triple grouser	600 (24")	HX340S L	33,000 (72,750)	0.64 (9.03)
	700 (28")	HX340S L	33,570 (74,010)	0.55 (7.88)
	800 (32")	HX340S L	33,950 (74,850)	0.49 (6.97)

AIR CONDITIONING SYSTEM

The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a.
(Global warming potential : 1,430)
The system hold 0.8 kg refrigerant consisting of a CO_2 equivalent 1.14 kg metric tonne. For more information, please refer to the manual.

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

All buckets are welded with high-strength steel.



SAE heaped	1.44 (1.88)	◈1.44 (1.88)	⊙1.44 (1.88)
m³ (yd³)	1.74 (2.28)	◈1.90 (2.49)	⊙1.60 (2.09)
	2.10 (2.75)	◈2.30 (3.01)	⊙1.73 (2.26)
			⊙1.83 (2.39)

Capacity m³ (yd³) SAE heaped	Capacity m³ (yd³) CECE heaped	Width mm (in)	Weight kg (lb)	Tooth EA	Recommendation mm (ft-in) 6,450 (21' 2") Boom 2,500 (8' 2") Arm	3,200 (10' 6") Arm	4,050 (13' 3") Arm	6,150 (HD) (20' 2") Boom 2,200 (7' 3") Arm	2,500 (8' 2") Arm	6,450 (HD) (21' 2") Boom 2,200 (7' 3") Arm	2,500 (8' 2") Arm
1.44 (1.88)	1.25 (1.63)	1,380 (54.3")	1,150 (2,540)	5	●	●	◐	●	●	●	●
1.74 (2.28)	1.50 (1.96)	1,620 (63.8")	1,260 (2,780)	6	●	◐	■	●	●	●	●
2.10 (2.75)	1.80 (2.35)	1,910 (75.2")	1,640 (3,620)	6	■	▲	-	◐	◐	■	■
◈ 1.44 (1.88)	1.25 (1.63)	1,470 (57.9")	1,520 (3,350)	5	●	●	■	●	●	●	●
◈ 1.90 (2.49)	1.65 (2.16)	1,600 (63.0")	1,780 (3,920)	5	◐	■	▲	◐	◐	◐	■
◈ 2.30 (3.01)	2.02 (2.64)	1,750 (68.9")	1,915 (4,220)	5	▲	-	-	■	■	▲	▲
⊙ 1.44 (1.88)	1.25 (1.63)	1,470 (57.9")	1,600 (3,530)	5	●	●	-	●	●	●	●
⊙ 1.60 (2.09)	1.39 (1.82)	1,585 (62.4")	1,680 (3,700)	5	●	◐	-	●	●	●	●
⊙ 1.73 (2.26)	1.50 (1.96)	1,710 (67.3")	1,750 (3,860)	5	◐	■	-	●	●	◐	◐
⊙ 1.83 (2.39)	1.59 (2.08)	1,765 (69.5")	1,850 (4,080)	5	◐	■	-	◐	◐	◐	◐

◈ Heavy duty bucket
⊙ Rock-Heavy duty bucket

● : Applicable for materials with density of 2,100 kgf/m³ (3,500 lbf / yd³) or less
◐ : Applicable for materials with density of 1,800 kgf/m³ (3,000 lbf / yd³) or less
■ : Applicable for materials with density of 1,500 kgf/m³ (2,500 lbf / yd³) or less
▲ : Applicable for materials with density of 1,200 kgf/m³ (2,000 lbf / yd³) or less
- : Not Recommended

ATTACHMENT

Booms and arms are of all-welded, low-stress, full-box section design.
6,150 mm (20' 2"), 6,450 mm (21' 2") boom and 2,200 mm (7' 3"), 2,500 mm (8' 2"), 3,200 mm (10' 6"), 4,050 mm (13' 3") arms are available,
Hyundai Bucket are all-welded, high-strength steel implements.

DIGGING FORCE

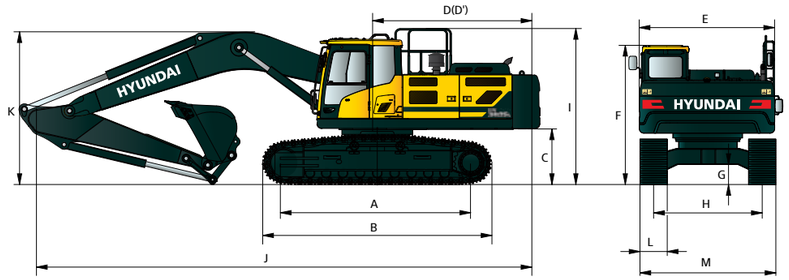
Boom	Length	mm (ft-in)	6,450 (21' 2")			6,150 (20' 2") (HD), 6,450 (21' 2") (HD)		Remark
	Weight	kg (lb)	3,030 (6,680)			3,470 (7,650)		
Arm	Length	mm (ft-in)	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")	2,200 (7' 3")	2,500 (8' 2")	
	Weight	kg (lb)	1,650 (3,640)	1,770 (3,900)	1,870 (4,120)	1,560 (3,440)	1,650 (3,640)	
Bucket digging force	SAE	kN	187.3 [203.4]	188.3 [204.5]	189.3 [205.5]	200.1 [217.2]	187.3 [203.4]	[ ] : Power Boost
		kgf	19,100 [20,740]	19,200 [20,850]	19,300 [20,950]	20,400 [22,150]	19,100 [20,740]	
		lbf	42,110 [45,720]	42,330 [45,970]	42,550 [46,190]	44,970 [48,830]	42,110 [45,720]	
	ISO	kN	215.7 [234.3]	216.7 [235.3]	217.7 [236.3]	230.5 [250.2]	215.7 [234.3]	
		kgf	22,000 [23,890]	22,100 [23,990]	22,200 [24,100]	23,500 [25,510]	22,000 [23,890]	
		lbf	48,500 [52,670]	48,720 [52,890]	48,940 [53,130]	51,810 [56,240]	48,500 [52,670]	
Arm crowd force	SAE	kN	175.5 [190.5]	140.2 [152.3]	118.7 [128.9]	220.7 [239.6]	198.1 [215.1]	
		kgf	17,900 [19,430]	14,300 [15,530]	12,100 [13,140]	22,500 [24,430]	20,200 [21,930]	
		lbf	39,460 [42,840]	31,530 [34,240]	26,680 [28,970]	49,600 [53,860]	44,530 [48,350]	
	ISO	kN	184.4 [200.2]	145.1 [157.6]	123.6 [134.2]	231.4 [251.3]	207.9 [225.8]	
		kgf	18,800 [20,410]	14,800 [16,070]	12,600 [13,680]	23,600 [25,620]	21,200 [23,020]	
		lbf	41,450 [45,000]	32,630 [35,430]	27,780 [30,160]	52,030 [56,480]	46,740 [50,750]	

Note : Boom weight includes arm cylinder, piping, and pin
Arm weight includes bucket cylinder, linkage, and pin

DIMENSIONS & WORKING RANGE

HX340S L DIMENSIONS

6.45 m (21' 2"), 6.15 m (20' 2") BOOM and 2.2 m (7' 3"), 2.5 m (8' 2"), 3.2 m (10' 6"), 4.05 m (13' 3") ARM



Unit : mm (ft · in)

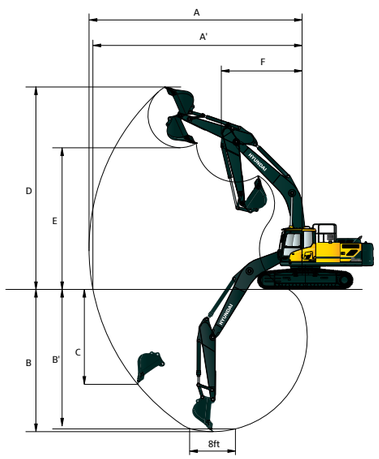
A	Tumbler distance	4,030 (13' 3")
B	Overall length of crawler	4,940 (16' 2")
*C	Ground clearance of counterweight	1,200 (3' 11")
D	Tail swing radius	3,570 (11' 9")
D'	Rear-end length	3,510 (11' 6")
E	Overall width of upperstructure	2,980 (9' 9")
*F	Overall height of cab	3,145 (10' 4")
G	Min. ground clearance	500 (1' 8")
H	Track gauge	2,680 (8' 10")
*I	Overall height of guardrail (Opt)	3,350 (11' 0")

	Boom length	6,450 (21' 2")			6,150 (HD) (20' 2")		6,450 (HD) (21' 2")	
	Arm length	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")	2,200 (7' 3")	2,500 (8' 2")	2,200 (7' 3")	2,500 (8' 2")
J	Overall length	11,340 (37' 2")	11,220 (36' 10")	11,200 (36' 9")	11,160 (36' 7")	11,040 (36' 3")	11,460 (37' 7")	11,340 (37' 2")
*K	Overall height of boom	3,540 (11' 7")	3,360 (11' 0")	3,880 (12' 9")	3,670 (12' 0")	3,600 (11' 10")	3,670 (11' 11")	3,540 (11' 7")

L	Track shoe width	600 (24")	700 (28")	800 (32")
M	Overall width HX340S L	3,280 (10' 9")	3,380 (11' 1")	3,480 (11' 5")

* This figure includes the size of grousers.

HX340S L WORKING RANGE



Unit : mm (ft · in)

	Boom length	6,450 (21' 2")			6,150 (HD) (20' 2")		6,450 (HD) (21' 2")	
	Arm length	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")	2,200 (7' 3")	2,500 (8' 2")	2,200 (7' 3")	2,500 (8' 2")
A	Max. digging reach	10,500 (34' 5")	11,150 (36' 7")	11,950 (39' 2")	10,020 (32' 10")	10,190 (33' 5")	10,300 (33' 11")	10,500 (34' 5")
A'	Max. digging reach on ground	10,290 (33' 9")	10,950 (35' 11")	11,770 (38' 7")	9,810 (32' 2")	9,980 (32' 9")	10120 (33' 2")	10,290 (33' 9")
B	Max. digging depth	6,660 (21' 10")	7,360 (24' 2")	8,210 (26' 11")	6,150 (20' 2")	6,450 (21' 2")	6,360 (20' 10")	6,660 (21' 10")
B'	Max. digging depth (8' level)	6,450 (21' 2")	7,200 (23' 7")	8,080 (26' 6")	5,950 (19' 6")	6,230 (20' 5")	6,170 (20' 3")	6,450 (21' 2")
C	Max. vertical wall digging depth	5,660 (18' 7")	6,330 (20' 9")	7,240 (23' 9")	5,700 (18' 8")	5,420 (17' 9")	5,970 (19' 7")	5,660 (18' 7")
D	Max. digging height	10,050 (33' 0")	10,360 (34' 0")	10,780 (35' 4")	9,980 (32' 9")	9,760 (32' 0")	10,260 (33' 8")	10,050 (33' 0")
E	Max. dumping height	6,950 (22' 10")	7,260 (23' 10")	7,670 (25' 2")	6,790 (22' 3")	6,670 (21' 11")	7,060 (23' 2")	6,950 (22' 10")
F	Min. swing radius	4,440 (14' 7")	4,360 (14' 4")	4,290 (14' 1")	4,450 (14' 7")	4,290 (14' 1")	4,630 (15' 2")	4,440 (14' 7")

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX340S L

6.45 m (21' 2") boom, 2.5 m (8' 2") arm equipped with 600 mm (24") triple grouser shoe and 6,600kg (14,550 lb) counterweight.

Lift point height m (ft)		Lift-point radius						At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg									*8,810	7,970	6.93
	lb									*19,420	17,570	(22.7)
6.0 m (19.7 ft)	kg					*9,300	*9,300	*8,710	6,930	*8,710	6,340	7.90
	lb					*20,500	*20,500	*19,200	15,280	*19,200	13,980	(25.9)
4.5 m (14.8 ft)	kg			*13,700	*13,700	*10,600	9,480	*9,200	6,760	8,230	5,530	8.49
	lb			*30,200	*30,200	*23,370	20,900	*20,280	14,900	18,140	12,190	(27.9)
3.0 m (9.8 ft)	kg					*12,160	8,970	9,800	6,510	7,670	5,130	8.79
	lb					*26,810	19,780	21,610	14,350	16,910	11,310	(28.8)
1.5 m (4.9 ft)	kg					13,390	8,570	9,550	6,290	7,520	5,000	8.82
	lb					29,520	18,890	21,050	13,870	16,580	11,020	(28.9)
0.0 m (0.0 ft)	kg			*15,210	12,680	13,140	8,350	9,400	6,150	7,750	5,130	8.58
	lb			*33,530	27,950	28,970	18,410	20,720	13,560	17,090	11,310	(28.2)
-1.5 m (-4.9 ft)	kg			*18,300	12,740	13,090	8,310	9,380	6,130	8,480	5,590	8.06
	lb			*40,340	28,090	28,860	18,320	20,680	13,510	18,700	12,320	(26.4)
-3.0 m (-9.8 ft)	kg	*21,480	*21,480	*16,590	12,940	*12,720	8,430			*10,110	6,630	7.19
	lb	*47,360	*47,360	*36,570	28,530	*28,040	18,580			*22,290	14,620	(23.6)
-4.5m -14.8ft	kg			*13,240	*13,240					*9,980	9,230	5.80
	lb			*29,190	*29,190					*22,000	20,350	(19.0)

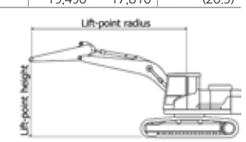
6.45 m (21' 2") boom, 3.2 m (10' 6") arm equipped with 600 mm (24") triple grouser shoe and 6,600kg (14,550 lb) counterweight.

Lift point height m (ft)		Lift-point radius										At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg							*6,830	*6,830			*5,610	*5,610	7.74
	lb							*15,060	*15,060			*12,370	*12,370	(25.4)
6.0 m (19.7 ft)	kg							*7,850	7,070			*5,430	*5,430	8.62
	lb							*17,310	15,590			*11,970	*11,970	(28.3)
4.5 m (14.8 ft)	kg			*11,970	*11,970	*9,640	*9,640	*8,500	6,850	*6,660	5,090	*5,450	4,920	9.17
	lb			*26,390	*26,390	*21,250	*21,250	*18,740	15,100	*14,680	11,220	*12,020	10,850	(30.1)
3.0 m (9.8 ft)	kg			*15,500	13,940	*11,320	9,140	*9,370	6,580	7,430	4,970	*5,650	4,590	9.44
	lb			*34,170	30,730	*24,960	20,150	*20,660	14,510	16,380	10,960	*12,460	10,120	(31.0)
1.5 m (4.9 ft)	kg			*17,440	13,040	*12,820	8,660	9,590	6,320	7,290	4,840	*6,050	4,480	9.47
	lb			*38,450	28,750	*28,260	19,090	21,140	13,930	16,070	10,670	*13,340	9,880	(31.1)
0.0 m (0.0 ft)	kg			*17,250	12,670	13,160	8,360	9,380	6,130	7,190	4,750	*6,720	4,570	9.25
	lb			*38,030	27,930	29,010	18,430	20,680	13,510	15,850	10,470	*14,820	10,080	(30.4)
-1.5 m (-4.9 ft)	kg	*10,800	*10,800	*18,850	12,610	13,030	8,240	9,290	6,050			7,440	4,900	8.77
	lb	*23,810	*23,810	*41,560	27,800	28,730	18,170	20,480	13,340			16,400	10,800	(28.8)
-3.0 m (-9.8 ft)	kg	*17,460	*17,460	*17,650	12,740	13,070	8,280	9,350	6,100			8,580	5,640	7.98
	lb	*38,490	*38,490	*38,910	28,090	28,810	18,250	20,610	13,450			18,920	12,430	(26.2)
-4.5m (-14.8 ft)	kg	*20,530	*20,530	*15,150	13,050	*11,380	8,510					*9,570	7,260	6.76
	lb	*45,260	*45,260	*33,400	28,770	*25,090	18,760					*21,100	16,010	(22.2)

6.45 m (21' 2") boom, 4.05 m (13' 3") arm equipped with 600 mm (24") triple grouser shoe and 6,600kg (14,550 lb) counterweight.

Lift point height m (ft)		Lift-point radius												At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
																m (ft)
9.0m 29.5ft	kg									*4,710	*4,710			*4,520	*4,520	7.55
	lb									*10,380	*10380			*9,960	*9,960	(24.8)
7.5 m (24.6 ft)	kg													*4,190	*4,190	8.72
	lb													*9,240	*9,240	(28.6)
6.0 m (19.7 ft)	kg									*6,790	*6,790	*5,810	5,240	*4,060	*4,060	9.50
	lb									*14,970	*14,970	*12,810	11,550	*8,950	*8,950	(31.2)
4.5 m (14.8 ft)	kg									*7,530	6,950	*7,110	5,130	*4,070	*4,070	10.00
	lb									*16,600	15,320	*15,670	11,310	*8,970	*8,970	(32.8)
3.0 m (9.8 ft)	kg					*13,300	*13,300	*10,090	9,320	*8,510	6,630	7,440	4,970	*4,200	3,980	10.25
	lb					*29,320	*29,320	*22,240	20,550	*18,760	14,620	16,400	10,960	*9,260	8,770	(33.6)
1.5 m (4.9 ft)	kg					*16,510	13,310	*11,820	8,750	*9,500	6,320	7,260	4,800	*4,450	3,880	10.28
	lb					*36,400	29,340	*26,060	19,290	*20,940	13,930	16,010	10,580	*9,810	8,550	(33.7)
0.0 m (0.0 ft)	kg			*6,350	*6,350	*18,350	12,660	*13,100	8,330	9,330	6,070	7,100	4,650	*4,870	3,930	10.08
	lb			*14,000	*14,000	*40,450	27,910	*28,880	18,360	20,570	13,380	15,650	10,250	*10,740	8,660	(33.1)
-1.5 m (-4.9 ft)	kg	*6,460	*6,460	*9,880	*9,880	*18,870	12,410	12,900	8,110	9,170	5,920	7,020	4,580	*5,560	4,170	9.64
	lb	*14,240	*14,240	*21,780	*21,780	*41,600	27,360	28,440	17,880	20,220	13,050	15,480	10,100	*12,260	9,190	(31.6)
-3.0 m (-9.8 ft)	kg	*10,370	*10,370	*14,460	*14,460	*18,330	12,410	12,840	8,060	9,130	5,880			*6,720	4,660	8.92
	lb	*22,860	*22,860	*31,880	*31,880	*40,410	27,360	28,310	17,770	20,130	12,960			*14,820	10,270	(29.3)
-4.5m (-14.8 ft)	kg	*15,020	*15,020	*20,810	*20,810	*16,670	12,620	*12,500	8,180	9,270	6,010			8,690	5,660	7.86
	lb	*33,110	*33,110	*45,880	*45,880	*36,750	27,820	*27,560	18,030	20,440	13,250			19,160	12,480	(25.8)
-6.0m -19.7ft	kg			*18,330	*18,330	*13,230	13,080	*9,500	8,550					*8,840	8,080	6.26
	lb			*40,410	*40,410	*29,170	28,840	*20,940	18,850					*19,490	17,810	(20.5)

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



LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX340S L HD

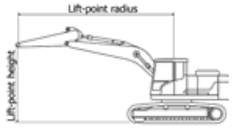
6.15m (20' 2") boom, 2.2 m (7' 3") arm equipped with 600 mm (24") triple grouser shoe and 6,600kg (14,550 lb) counterweight.

Lift point height m (ft)		Lift-point radius								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5 m	kg					*9,650	*9,650			*9,790	9,210	6.31
(24.6 ft)	lb					*21,270	*21,270			*21,580	20,300	(20.7)
6.0 m	kg					*9,850	*9,850			*9,550	7,070	7.36
(19.7 ft)	lb					*21,720	*21,720			*21,050	15,590	(24.2)
4.5 m	kg					*10,990	9,530	*9,690	6,760	9,060	6,080	8.00
(14.8 ft)	lb					*24,230	21,010	*21,360	14,900	19,970	13,400	(26.2)
3.0 m	kg					*12,440	9,040	9,850	6,550	8,390	5,600	8.31
(9.8 ft)	lb					*27,430	19,930	21,720	14,440	18,500	12,350	(27.3)
1.5 m	kg					13,510	8,650	9,630	6,350	8,220	5,460	8.34
(4.9 ft)	lb					29,780	19,070	21,230	14,000	18,120	12,040	(27.4)
0.0 m	kg					13,270	8,450	9,510	6,230	8,530	5,640	8.10
(0.0 ft)	lb					29,260	18,630	20,970	13,730	18,810	12,430	(26.6)
-1.5 m	kg			*18,180	12,900	13,250	8,430	9,540	6,270	9,480	6,230	7.54
(-4.9 ft)	lb			*40,080	28,440	29,210	18,580	21,030	13,820	20,900	13,730	(24.7)
-3.0 m	kg	*20,780	*20,780	*16,060	13,140	*12,120	8,610			*10,470	7,620	6.59
(-9.8 ft)	lb	*45,810	*45,810	*35,410	28,970	*26,720	18,980			*23,080	16,800	(21.6)
-4.5m	kg											
(-14.8 ft)	lb											

6.15 m (20' 2") boom, 2.5 m (8' 2") arm equipped with 600 mm (24") triple grouser shoe and 6,600kg (14,550 lb) counterweight.

Lift point height m (ft)		Lift-point radius								At max. reach		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity		Reach
												m (ft)
7.5 m	kg					*9,030	*9,030			*9,160	8,800	6.53
(24.6 ft)	lb					*19,910	*19,910			*20,190	19,400	(21.4)
6.0 m	kg					*9,380	*9,380	*9,020	6,920	*9,030	6,840	7.55
(19.7 ft)	lb					*20,680	*20,680	*19,890	15,260	*19,910	15,080	(24.8)
4.5 m	kg			*13,270	*13,270	*10,570	9,600	*9,340	6,790	8,780	5,890	8.17
(14.8 ft)	lb			*29,260	*29,260	*23,300	21,160	*20,590	14,970	19,360	12,990	(26.8)
3.0 m	kg					*12,080	9,080	9,870	6,560	8,140	5,430	8.48
(9.8 ft)	lb					*26,630	20,020	21,760	14,460	17,950	11,970	(27.8)
1.5 m	kg					*13,360	8,660	9,620	6,330	7,970	5,280	8.51
(4.9 ft)	lb					*29,450	19,090	21,210	13,960	17,570	11,640	(27.9)
0.0 m	kg			*19,170	12,750	13,240	8,420	9,470	6,190	8,230	5,430	8.27
(0.0 ft)	lb			*42,260	28,110	29,190	18,560	20,880	13,650	18,140	11,970	(27.1)
-1.5 m	kg	*15,260	*15,260	*18,450	12,780	13,180	8,360	9,450	6,180	9,080	5,960	7.72
(-4.9 ft)	lb	*33,640	*33,640	*40,680	28,180	29,060	18,430	20,830	13,620	20,020	13,140	(25.3)
-3.0 m	kg	*22,130	*22,130	*16,600	12,990	*12,550	8,490			*10,580	7,190	6.81
(-9.8 ft)	lb	*48,790	*48,790	*36,600	28,640	*27,670	18,720			*23,320	15,850	(22.3)
-4.5m	kg			*12,670	*12,670					*10,370	*10,370	5.31
(-14.8 ft)	lb			*27,930	*27,930					*22,860	*22,860	(17.4)

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



LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX340S L HD

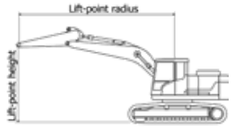
6.45m (21' 2") boom, 2.2 m (7' 3") arm equipped with 600 mm (24") triple grouser shoe and 6,600kg (14,550 lb) counterweight.

Lift point height m (ft)		Lift-point radius								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5 m	kg					*9,180	*9,180			*9,300	8,290	6.71
(24.6 ft)	lb					*20,240	*20,240			*20,500	18,280	(22.0)
6.0 m	kg					*9,670	*9,670	*9,060	6,840	*9,090	6,510	7.71
(19.7 ft)	lb					*21,320	*21,320	*19,970	15,080	*20,040	14,350	(25.3)
4.5 m	kg					*10,910	9,380	*9,420	6,680	8,440	5,650	8.32
(14.8 ft)	lb					*24,050	20,680	*20,770	14,730	18,610	12,460	(27.3)
3.0 m	kg					*12,390	8,860	9,740	6,440	7,850	5,220	8.62
(9.8 ft)	lb					*27,320	19,530	21,470	14,200	17,310	11,510	(28.3)
1.5 m	kg					13,290	8,460	9,500	6,230	7,710	5,100	8.65
(4.9 ft)	lb					29,300	18,650	20,940	13,730	17,000	11,240	(28.4)
0.0 m	kg					13,080	8,270	9,370	6,100	7,970	5,250	8.41
(0.0 ft)	lb					28,840	18,230	20,660	13,450	17,570	11,570	(27.6)
-1.5 m	kg			*17,760	12,690	13,060	8,260	9,370	6,110	8,770	5,750	7.88
(-4.9 ft)	lb			*39,150	27,980	28,790	18,210	20,660	13,470	19,330	12,680	(25.8)
-3.0 m	kg	*19,920	*19,920	*15,850	12,920	*12,230	8,420			*9,900	6,910	6.98
(-9.8 ft)	lb	*43,920	*43,920	*34,940	28,480	*26,960	18,560			*21,830	15,230	(22.9)
-4.5m	kg			*12,050	*12,050					*9,290	*9,290	5.54
(-14.8 ft)	lb			*26,570	*26,570					*20,480	*20,480	(18.2)

6.45 m (21' 2") boom, 2.5 m (8' 2") arm equipped with 600 mm (24") triple grouser shoe and 6,600kg (14,550 lb) counterweight.

Lift point height m (ft)		Lift-point radius								At max. reach		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity		Reach
												m (ft)
7.5 m	kg									*8,730	7,950	6.93
(24.6 ft)	lb									*19,250	17,530	(22.7)
6.0 m	kg					*9,230	*9,230	*8,630	6,900	*8,630	6,300	7.90
(19.7 ft)	lb					*20,350	*20,350	*19,030	15,210	*19,030	13,890	(25.9)
4.5 m	kg			*13,590	*13,590	*10,510	9,450	*9,110	6,710	8,190	5,480	8.49
(14.8 ft)	lb			*29,960	*29,960	*23,170	20,830	*20,080	14,790	18,060	12,080	(27.9)
3.0 m	kg					*12,040	8,900	9,750	6,450	7,620	5,060	8.79
(9.8 ft)	lb					*26,540	19,620	21,500	14,220	16,800	11,160	(28.8)
1.5 m	kg					*13,270	8,460	9,490	6,210	7,470	4,930	8.82
(4.9 ft)	lb					*29,260	18,650	20,920	13,690	16,470	10,870	(28.9)
0.0 m	kg			*17,240	12,490	13,040	8,230	9,330	6,060	7,690	5,050	8.58
(0.0 ft)	lb			*38,010	27,540	28,750	18,140	20,570	13,360	16,950	11,130	(28.2)
-1.5 m	kg			*18,070	12,550	12,980	8,180	9,300	6,040	8,410	5,510	8.06
(-4.9 ft)	lb			*39,840	27,670	28,620	18,030	20,500	13,320	18,540	12,150	(26.4)
-3.0 m	kg	*21,300	*21,300	*16,360	12,770	*12,550	8,310			*9,970	6,540	7.19
(-9.8 ft)	lb	*46,960	*46,960	*36,070	28,150	*27,670	18,320			*21,980	14,420	(23.6)
-4.5m	kg			*13,040	*13,040					*9,830	9,130	5.80
(-14.8 ft)	lb			*28,750	*28,750					*21,670	20,130	(19.0)

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



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