

HX160AL HX180AL

CRAWLER EXCAVATOR



SERIES / HX160AL HX180AL

Gross Power
115 kW (155 HP) at 2200 rpm

Bucket Capacity
0.73 ~ 0.96m³

Net Power
113 kW (152 HP) at 2200 rpm

Operating Weight
17695 kg & 18665 kg

READY TO CHANGE YOUR WORLD

Our new A-Series HX160A L and HX180A L crawler excavators are ready to build your world. Its Cummins B4.5 Stage V engine is the most powerful in its class, delivering 115 kW (155 HP) while also improving fuel efficiency by up to 11%. Featuring a new tough exterior design with added safety features and greater serviceability, you can rely on the HX160A L and HX180A L to perform in the toughest conditions on large construction sites and infrastructure projects.



A

SERIES HX160AL HX180AL

THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

From its upgraded, eco-friendly engine to its carefully chosen control technologies, the HX160A L and HX180A L excavators help operators to achieve new heights of productivity. Hyundai's EPIC (Electric Pump Independent Control) hydraulic system, in connection with automatic engine shutdown, eco gauge and lifting mode, allows the machine to deliver the exact performance and efficiency when and where it's needed.

EU Stage V Certified Engine

Featuring an EGR-free design that delivers 3% more power and 12% more peak torque, that when combined with increased fuel economy and longer maintenance intervals contribute to a reduced cost of operation.



The Cummins B4.5 engine satisfies the strictest environmental emission regulation in the world including a 60% reduction in Particulate Matter (PM).

Increased fuel economy and longer maintenance intervals contribute to a reduced cost of operation.



UP TO
11%
EFFICIENCY
(Compared to previous model)

The technology to improve efficiency

EPIC

The HX A-Series features Hyundai's new EPIC hydraulic system. It is able to optimise pump flow rate and power at various working conditions through an optimized automatic and individual pump control. Furthermore, the optimised design of MCV and pipe line minimises energy loss such as conflux and throttle loss.

Lifting mode

This work mode improves fine control and lift capability through RPM reduction, power boost activation and pump flow control.

Automatic Engine Shutdown

Adjustable 'Automatic Engine Shutdown' significantly reduces idle time, overall operating hours and fuel consumption.



Intelligent Power Control

All the information to improve economy

Eco report

It reports on any inefficient operation status and helps improve an operator's working habit

Fuel rate information

Fuel information is displayed as average rate and latest fuel consumed, for guidance to economical operating.

Eco gauge

Helps operators to reduce emissions and running costs by constantly monitoring efficiency. It displays engine workload and fuel-saving status while the machine is working.



Eco Gauge

NEW EXTERIOR DESIGN FOR ROBUSTNESS AND SAFETY

The true value of the 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.

Tougher from the ground up

Reinforced durability ▶

The upper and lower structure and attachments of HX A-Series machines have higher durability than demanded on site, as proven through numerous tests in real work environment and in virtual simulation. The wear resistance of the bucket has also been improved by using a new, harder material.

Durable cooling module ▶

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

Side protector A

This protects the frame sides during operation in narrow areas.

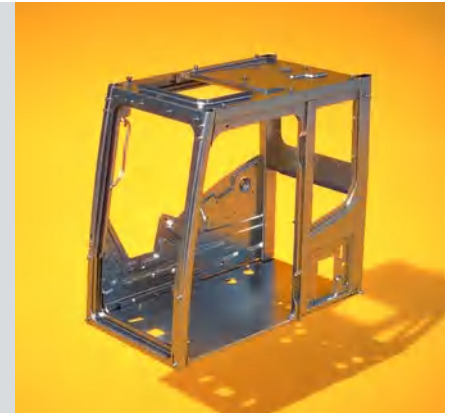


Dozer option adds extra versatility.

Cabin structure

The HX A-Series cabin structure uses integrally welded low-stress, high strength steel to meet ROPS and FOG certification.

- ROPS: Roll-Over Protective Structures ISO12117-2
- FOG: Falling Object Guard, ISO10262 Level2



Hi-grade (high-pressure) hoses ▲

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

The robust upper and lower frame structure can endure external shock and heavy work loads.

EASY CONTROL AND COMFORTABLE OPERATION

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

Ergonomic for efficient operation

Intelligent & wide cluster ▶

The 8" capacitive-type display is similar to a smartphone to deliver excellent legibility. Amongst the key functions the centralised switches on the display allow convenient checking of the Adblue/DEF level and temperature outside the cabin.



One pedal to travel straight ▶

One pedal for straight travel is available for customers' convenience when long distance travelling or a combination of attachment work with travelling is necessary.



Proportional auxiliary hydraulic system ▶

A proportional control switch with better speed control provides operators with added convenience whenever they do time-consuming work. This function can also be switched to control by foot pedal, by changing the setting in the cluster menu.



Jog Dial Module ▶

The accelerator, remote air conditioner controller and instrument cluster can be operated using the convenient jog shuttle-type controller.



Functionality at your fingertips

Boom/Arm speed

Boom-up speed compared to swing speed can be adjusted by activating/deactivating the boom priority function. Arm-in speed can be also tuned by activating/deactivating the arm regeneration function.

Work mode memory

The operator can save machine settings, so that they are applied when starting the machine.

OME (Owner Menu Editing)

The machine owner can restrict operator access to the set of functions via the menu as well as locking or unlocking it. A password is then needed to access the functions.

Fine (cushion/free) swing control

This option enables smooth movement at the start and stop of swing operation (cushion swing). In addition, it reduces the shaking of the weight when lifting operation (free swing).

The HX A-Series is designed with the operator in mind. Many electronic functions are concentrated in the most convenient spot for operators to improve work efficiency.



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

13%
INCREASE IN CABIN SPACE

THE ULTIMATE SAFE ENVIRONMENT

The Hyundai approach to safety goes far beyond just meeting regulatory standards. We prioritise safety in every aspect of our machines and work with our customers to keep improving protection for operators, co-workers, passers-by, surrounding buildings and of course the machines themselves.



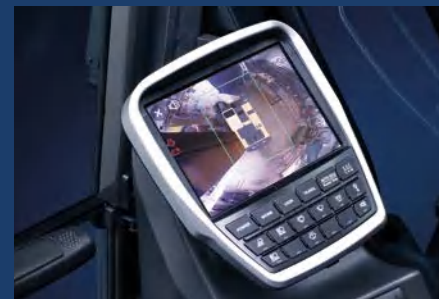
Visibly safer

AAVM (Advanced Around View Monitoring) camera system

The HX A-Series has a state-of-the-art AAVM video camera system to give an unobscured 360 degree field of vision for operators.

- **IMOD** (Intelligent Moving Object Detection): Informs when people or dangerous objects are detected within the range of operation (recognition distance: 5m).

Secure field of vision in all directions through ten views including 3D bird's eye view and 2D/4CH view.



Built for safer operation

Cabin viscous mount

A coil spring and damper inside the cabin viscous mounts improve durability and provide a comfortable operating environment that lessens fatigue.

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.

Side camera

In addition to the standard rear view camera, there is an optional right hand side camera for giving the operator improved visibility.

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.

Electronic swing brake

An electronic valve and control system has been added to improve safety and utilisation. The opening and closing time of the swing brake valve is controlled according to the sensing and control system.

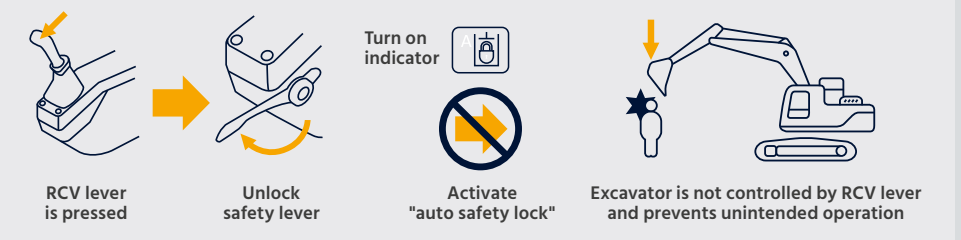


Visibility and handle improvement ▼

Visibility through the cabin door has been improved as has the handle design, to offer greater convenience when getting in and out of the cabin.

Activate Auto Safety Check

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



SERVICEABILITY AND TELEMATICS

Our A-Series excavators are designed with quick, low-effort servicing in mind. Every component and material has been optimised to ensure a long, trouble-free life. Hyundai's innovative Hi MATE telematics system enables full monitoring of machine activity and performance. Maximum connectivity is integrated to help owners create a smart construction site and protect profitability as their business grows.

Less maintenance. More uptime

Improved routine maintenance

Easy access for maintenance means regular checks get done faster, giving you more uptime and reducing operating costs. Ground level access to filters, lube fittings and master switches make servicing more convenient.

Longer maintenance intervals

The service interval of the fuel filter on the new engine has been increased by 100% (from 500h to 1000h). In addition the long life hydraulic oil (5000h change interval) contributes greatly to reduce the maintenance cost.

100%
IMPROVEMENT IN SERVICE INTERVAL



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.

ECD

(Engine Connected Diagnostics)

ECD provides troubleshooting information as well as tailored servicing. Service technicians are supported with remote diagnostics allowing them to achieve quick resolution rate

Monitor your machines

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

Mobile fleet app

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

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.



HCE-DT Air allows service technicians to connect to your equipment wirelessly via smartphone and laptop right on site.

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.



TAKE THE TOUR!

Productivity & Efficiency

- Cummins B4.5 Stage V engine
- No EGR
- Stacked cooling structure
- Eco Report
- Lifting Mode
- EPIC hydraulic system
- Fuel Rate Information
- Eco Gauge
- Automatic Engine Shutdown

Ease of Use

- Kawasaki joystick control
- Work mode memory
- Visibility and handle improvement
- One pedal straight travel
- Proportional auxiliary hydraulic system
- 2-way proportional RCV & pedal control selection
- Fine (cushion/free) swing control
- Intelligent & wide cluster
- Jog dial module
- OME (Owner Menu Editing)
- Boom / arm speed adjustment
- New cooling package layout
- Attachment control & memory function via Monitor

Safety

- IMOD (Intelligent Moving Object Detection)
- Auto safety lock
- Electronic swing brake
- AAVM camera system
- Rear and right-hand side view camera
- Seatbelt warning alarm
- Emergency engine stop switch
- Increased width and area of steps, with anti-slip bottom

Serviceability & Connectivity

- Hi MATE
 - ECD (Engine Connected Diagnostics)
 - Mobile fleet app
- HCE-DT Air
- Longer lasting filter
- Improved filter access
- Air intake pre-cleaner
- Engine coolant pre-heater

Durability

- New tougher exterior design
- Frame side protection
- ROPS & FOG cabin
- Durable cooling module
- High-grade hoses
- Dimple type bushings
- Flat lower frame bottom



4
SERIES HX160AL HX180AL

HX160A L / HX180A L SPECIFICATIONS

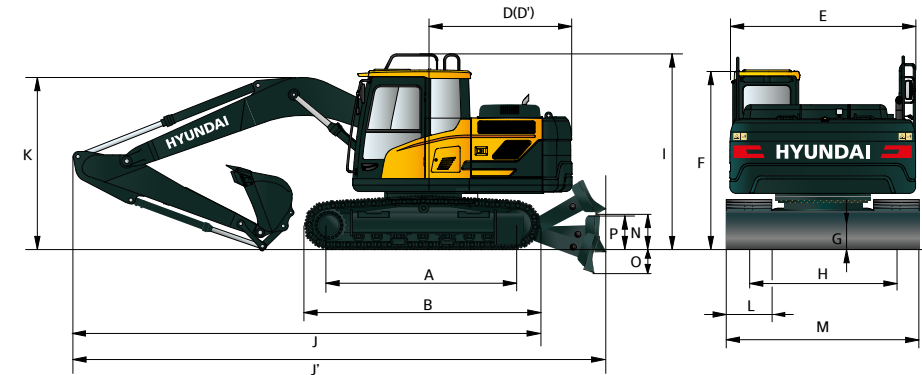
| SPECIFICATIONS | HX160A L | HX180A L |
|---|--|--|
| ENGINE | | |
| Maker / Model | Cummins B4.5 | |
| Type | 4-cycle, turbocharged, charge air cooled, electronic | |
| Gross Power | 115 kW (155 HP) at 2200 rpm | |
| Net Power | 113 kW (152 HP) at 2200 rpm | |
| Max. Power | 115 kW (155 HP) at 2200 rpm | |
| Peak Torque | 712 N m at 1,200 rpm | |
| Displacement | 4.5 l | |
| HYDRAULIC SYSTEM | | |
| MAIN PUMP | | |
| Type | Variable displacement tandem axis piston pumps | |
| Max. Flow | 2 x 160 lpm | |
| PILOT PUMP | | |
| Type | Fixed displacement gear pump single stage | |
| Max. Flow | 29 lpm | |
| HYDRAULIC MOTORS | | |
| Travel | Variable displacement axial piston motor | |
| Swing | Fixed displacement axial piston motor | |
| RELIEF VALVE SETTING | | |
| Implement Circuits | 350 kgf/cm ² | |
| Travel | 350 kgf/cm ² | |
| Power Boost (Boom, Arm, Bucket) | 360 kgf/cm ² | |
| Swing Circuit | 285 kgf/cm ² | |
| Pilot Circuit | 40 kgf/cm ² | |
| Service Valve | Installed | |
| HYDRAULIC CYLINDERS | | |
| No. of Cylinder Bore X Stroke | Boom: 2-Ø115 x 1090 mm | |
| | Arm: 1-Ø120 x 1355 mm | |
| | Bucket: 1-Ø110 x 995 mm | |
| | Blade: 2-Ø110 x 320 mm | |
| | 2PCS | 1st: 2-Ø110 x 995 mm 2nd: 1-Ø160 x 650 mm |
| *Hyundai Bio Hydraulic Oil (HBHO) available. | | |
| DRIVES & BRAKES | | |
| Drive Method | Fully hydrostatic type | |
| Drive Motor | Axial piston motor, in-shoe design | |
| Reduction System | Planetary reduction gear | |
| Max. Drawbar Pull | 16700 kgf | |
| Max. Travel Speed (High / Low) | 3.1 km/hr / 5.4 km/hr | |
| 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 | 2-stage planetary | |
| Swing Bearing Lubrication | Grease-bathed | |
| Swing Brake | Multi wet disc | |
| Swing Speed | 10.3 rpm | |

| SPECIFICATIONS | HX160A L | HX180A L | | | |
|--|---------------------|------------------|---------------------|-------|------|
| COOLANT & LUBRICANT CAPACITY | | | | | |
| | litre | | | | |
| Fuel Tank | 290 | | | | |
| Engine Coolant | 23 | | | | |
| Engine Oil | 11 | | | | |
| Swing Device | 6.2 | | | | |
| Final Drive (Each) | 6 | | | | |
| Hydraulic System (Including Tank) | 225 | | | | |
| Hydraulic Tank | 125 | | | | |
| Def/Adblue® | 35 | | | | |
| UNDERCARRIAGE | | | | | |
| The X-leg type centre 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. | | | | | |
| Centre Frame | X - Leg Type | | | | |
| Track Frame | Pentagonal Box Type | | | | |
| | HX160A L | HX180A L | | | |
| No. of Shoes on Each Side | 49 | 51 | | | |
| No. of Carrier Rollers on Each Side | 2 x 2 | 2 x 2 | | | |
| No. of Track Rollers on Each Side | 2 x 7 | 2 x 7 | | | |
| No. of Rail Guards on Each Side | 2 x 1 | 2 x 1 | | | |
| OPERATING WEIGHT (APPROXIMATE) | | | | | |
| Operating weight, including 5,100 mm boom, 2600 mm arm, SAE heaped 0.73 m ³ bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipment. | | | | | |
| Shoes | Width | Operating Weight | Ground Pressure | | |
| Type | mm | kg | kgf/cm ² | | |
| Triple Grouser | 500 | HX160A L | 17455 | 0.51 | |
| | | HX160A L Dozer | 18540 | 0.54 | |
| | | HX180A L | 18140 | 0.50 | |
| | | HX180A L Dozer | 19235 | 0.53 | |
| | | 600 | HX160A L | 17695 | 0.43 |
| | | | HX160A L Dozer | 18775 | 0.46 |
| | HX180A L | | 18400 | 0.42 | |
| | 700 | HX180A L Dozer | 19505 | 0.45 | |
| | | HX160A L | 17945 | 0.37 | |
| | | HX160A L Dozer | 19050 | 0.40 | |
| | 800 | HX180A L | 18665 | 0.37 | |
| | | HX180A L Dozer | 19780 | 0.39 | |
| | | HX180A L | 18920 | 0.33 | |
| | | HX180A L Dozer | 19985 | 0.35 | |
| NOISE | | | | | |
| Operator Sound Pressure Level (ISO 6396:2008) | | 71 dB(A) | | | |
| Exterior Sound Power Level (ISO 6395:2008) | | 99 dB(A) | | | |
| AIR CONDITIONING SYSTEM | | | | | |
| The air conditioning system contains fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.75 kg of refrigerant representing a CO ₂ equivalent of 1.07 metric tonnes. | | | | | |

HX160A L / HX180A L DIMENSIONS & WORKING RANGE

HX160A L / HX180A L MONO BOOM DIMENSIONS

5.10 m BOOM and 2.20 m, 2.60 m, 3.10 m ARM



Unit: mm

| | HX160A L | HX180A L |
|---------------------------------------|----------|----------|
| A Tumbler Distance | 3170 | 3360 |
| B Overall Length of Crawler | 3910 | 4100 |
| *C Ground Clearance of Counter Weight | 1060 | 1060 |
| D Tail Swing Radius | 2490 | 2490 |
| D' Rear-End Length | 2490 | 2490 |
| E Overall Width of Upper Structure | 2475 | 2475 |
| *F Overall Height of Cab | 2980 | 2980 |
| *G Min. Ground Clearance | 460 | 460 |
| H Track gauge | 1990 | 2250 |
| *I Overall Height of Guardrail | 3250 | 3250 |

| | 5100 | | |
|-----------------------------|------|------|------|
| Boom length | 5100 | | |
| Arm length | 2200 | 2600 | 3100 |
| J Overall Length | 8660 | 8650 | 8670 |
| J' Overall Length (W/Dozer) | 8165 | 8190 | 8165 |
| K Overall Height of Boom | 2675 | 2820 | 2800 |

| L Track Shoe | 500 600 700 800 | | | |
|--------------|-----------------|----------|----------|------|
| | M Overall Width | HX160A L | HX180A L | |
| | 2490 | 2590 | 2690 | — |
| | 2750 | 2850 | 2950 | 3050 |

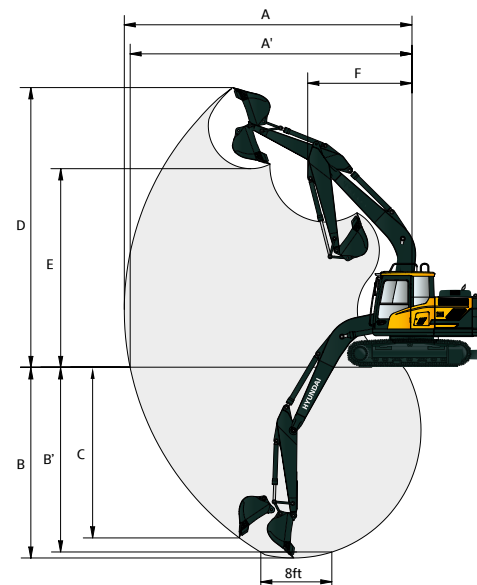
| | |
|----------------------------------|-----|
| **N Ground clearance of blade up | 615 |
| **O Depth of blade down | 670 |
| **P Height of blade | 640 |

* This figure includes the size of grousers.

** With dozer blade option.

HX160A L / HX180A L MONO BOOM WORKING RANGE

Unit : mm



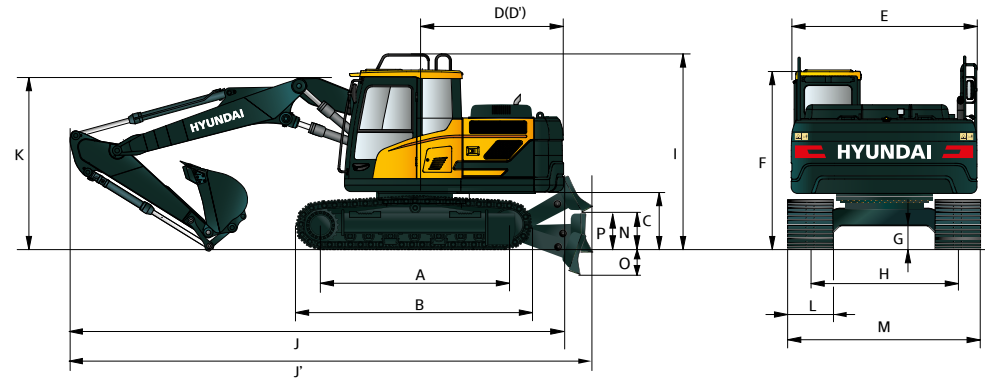
| Boom Length | 5100 | | |
|-------------------------------------|------|------|------|
| Arm Length | 2200 | 2600 | 3100 |
| A Max. Digging Reach | 8690 | 9020 | 9450 |
| A' Max. Digging Reach on Ground | 8530 | 8860 | 9300 |
| B Max. Digging Depth | 5630 | 6030 | 6530 |
| B' Max. Digging Depth (8' Level) | 5410 | 5825 | 6340 |
| C Max. Vertical Wall Digging Depth* | 3410 | 3600 | 3845 |
| D Max. Digging Height | 8670 | 8750 | 8880 |
| E Max. Dumping Height | 6140 | 6250 | 5410 |
| F Min. Swing Radius | 3180 | 3170 | 3160 |

* This dimension varies with kinds of buckets.

HX160A L / HX180A L DIMENSIONS & WORKING RANGE

HX160A L / HX180A L 2-PIECE BOOM DIMENSIONS

5.10 m BOOM and 2.20 m, 2.60 m ARM



Unit: mm

| | HX160A L | HX180A L |
|----|----------|----------|
| A | 3170 | 3360 |
| B | 3910 | 4100 |
| *C | 1060 | 1060 |
| D | 2490 | 2490 |
| D' | 2490 | 2490 |
| E | 2475 | 2475 |
| *F | 2980 | 2980 |
| *G | 460 | 460 |
| H | 1990 | 2250 |
| *I | 3250 | 3250 |

| | | |
|--------------------------|------|------|
| Boom length | 5100 | |
| Arm length | 2200 | 2600 |
| J Overall Length | 8585 | 8575 |
| K Overall Height of Boom | 3035 | 3060 |

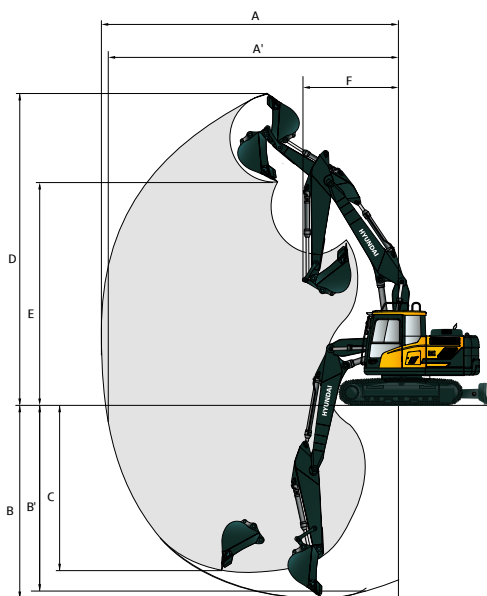
| L | Track Shoe | 500 | 600 | 700 | 800 | | | | | | | | | | |
|----------|---------------|---|-----|-----|-----|----------|----------|------|------|------|------|------|------|---|------|
| M | Overall Width | <table border="1"> <thead> <tr> <th>HX160A L</th> <th>HX180A L</th> </tr> </thead> <tbody> <tr> <td>2490</td> <td>2590</td> </tr> <tr> <td>2750</td> <td>2850</td> </tr> <tr> <td>2690</td> <td>2950</td> </tr> <tr> <td>-</td> <td>3050</td> </tr> </tbody> </table> | | | | HX160A L | HX180A L | 2490 | 2590 | 2750 | 2850 | 2690 | 2950 | - | 3050 |
| HX160A L | HX180A L | | | | | | | | | | | | | | |
| 2490 | 2590 | | | | | | | | | | | | | | |
| 2750 | 2850 | | | | | | | | | | | | | | |
| 2690 | 2950 | | | | | | | | | | | | | | |
| - | 3050 | | | | | | | | | | | | | | |

| | | |
|-----|------------------------------|-----|
| **N | Ground clearance of blade up | 615 |
| **O | Depth of blade down | 670 |
| **P | Height of blade | 640 |

* This figure includes the size of grousers.

** With dozer blade option.

HX160A L / HX180A L 2-PIECE BOOM WORKING RANGE



Unit: mm

| | | | |
|-------------|-----------------------------------|------|------|
| Boom Length | 5100 | | |
| Arm Length | 2200 | 2600 | |
| A | Max. Digging Reach | 8760 | 9110 |
| A' | Max. Digging Reach on Ground | 8600 | 8955 |
| B | Max. Digging Depth | 5305 | 5690 |
| B' | Max. Digging Depth (8° Level) | 5200 | 5590 |
| C | Max. Vertical Wall Digging Depth* | 3520 | 3790 |
| D | Max. Digging Height | 9380 | 9560 |
| E | Max. Dumping Height | 6720 | 6920 |
| F | Min. Swing Radius | 3090 | 2970 |

* This dimension varies with kinds of buckets.

HX160A L LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

HX160A L MONO BOOM

5.10 m boom, 2.20 m arm equipped with 2600 kg counter weight, 600 mm triple grouser shoe and without Dozer.

| Lift-point height m | Lift-point radius | | | | | | | | At max. Reach | | |
|------------------------|-------------------|--|-------|--|-------|------|-------|------|---------------|-------|------|
| | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | Capacity | Reach | |
| | | | | | | | | | | | |
| 6.0 m | kg | | | | | | | | *3850 | 3340 | 5.86 |
| 4.5 m | kg | | | | *5320 | 5000 | *4750 | 3200 | *3630 | 2630 | 6.74 |
| 3.0 m | kg | | | | *6540 | 4670 | 4990 | 3070 | *3650 | 2310 | 7.20 |
| 1.5 m | kg | | | | 7500 | 4360 | 4840 | 2940 | 3600 | 2200 | 7.33 |
| 0.0 m | kg | | | | 7310 | 4200 | 4730 | 2840 | 3700 | 2250 | 7.13 |
| -1.5 m | kg | | | | *9400 | 7730 | 7270 | 4170 | 4150 | 2510 | 6.58 |
| -3.0 m | kg | | | | *9400 | 7900 | *6720 | 4250 | *4980 | 3200 | 5.58 |

5.10 m boom, 2.20 m arm equipped with 2600 kg counter weight, 600 mm triple grouser shoe and with Dozer up.

| Lift-point height m | Lift-point radius | | | | | | | | At max. Reach | | |
|------------------------|-------------------|--|-------|--|-------|------|-------|------|---------------|-------|------|
| | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | Capacity | Reach | |
| | | | | | | | | | | | |
| 6.0 m | kg | | | | | | | | *3850 | 3530 | 5.86 |
| 4.5 m | kg | | | | *5320 | 5270 | *4750 | 3380 | *3630 | 2790 | 6.74 |
| 3.0 m | kg | | | | *6540 | 4940 | 4950 | 3260 | *3650 | 2460 | 7.20 |
| 1.5 m | kg | | | | 7430 | 4630 | 4790 | 3120 | 3570 | 2350 | 7.33 |
| 0.0 m | kg | | | | 7240 | 4460 | 4690 | 3030 | 3670 | 2400 | 7.13 |
| -1.5 m | kg | | | | *9400 | 8200 | 7200 | 4430 | 4110 | 2680 | 6.58 |
| -3.0 m | kg | | | | *9400 | 8370 | *6720 | 4520 | *4980 | 3400 | 5.58 |

5.10 m boom, 2.20 m arm equipped with 2600 kg counter weight, 600 mm triple grouser shoe and with Dozer down.

| Lift-point height m | Lift-point radius | | | | | | | | At max. Reach | | |
|------------------------|-------------------|--|-------|--|-------|------|-------|------|---------------|-------|------|
| | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | Capacity | Reach | |
| | | | | | | | | | | | |
| 6.0 m | kg | | | | | | | | *3850 | 3530 | 5.86 |
| 4.5 m | kg | | | | *5320 | 5270 | *4750 | 3380 | *3630 | 2790 | 6.74 |
| 3.0 m | kg | | | | *6540 | 4940 | *5200 | 3260 | *3650 | 2460 | 7.20 |
| 1.5 m | kg | | | | *7690 | 4630 | *5710 | 3120 | *3850 | 2350 | 7.33 |
| 0.0 m | kg | | | | *8180 | 4460 | *5980 | 3030 | *4310 | 2400 | 7.13 |
| -1.5 m | kg | | | | *9400 | 8200 | *7910 | 4430 | *5030 | 2680 | 6.58 |
| -3.0 m | kg | | | | *9400 | 8370 | *6720 | 4520 | *4980 | 3400 | 5.58 |

1. Lifting capacities are based on ISO 10567.

2. Lifting capacity of the HX A-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.

5. Caution: please be aware of the local regulations and instructions for lifting operations.

HX160A L

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

Rating over-front Rating over-side or 360 degrees

HX160A L MONO BOOM

5.10 m boom, 2.20 m arm equipped with 3250 kg counter weight, 600 mm Triple grouser shoe and without Dozer.

| Lift-point height m | | Lift-point radius | | | | | | | | At max. Reach | | |
|------------------------|----|-------------------|--|-------|------|-------|-------|-------|------|---------------|-------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | Capacity | Reach | |
| | | | | | | | | | | | | m |
| 6.0 m | kg | | | | | | | | | *3850 | 3690 | 5.86 |
| 4.5 m | kg | | | | | *5320 | *5320 | *4750 | 3530 | *3630 | 2920 | 6.74 |
| 3.0 m | kg | | | | | *6540 | 5160 | *5200 | 3410 | *3650 | 2580 | 7.20 |
| 1.5 m | kg | | | | | *7690 | 4840 | 5270 | 3270 | *3850 | 2470 | 7.33 |
| 0.0 m | kg | | | | | 7960 | 4680 | 5160 | 3180 | 4050 | 2530 | 7.13 |
| -1.5 m | kg | | | *9400 | 8590 | *7910 | 4650 | 5140 | 3160 | 4530 | 2810 | 6.58 |
| -3.0 m | kg | | | *9400 | 8760 | *6720 | 4740 | | | *4980 | 3570 | 5.58 |

5.10 m boom, 2.20 m arm equipped with 3250 kg counter weight, 600 mm Triple grouser shoe and with Dozer up.

| Lift-point height m | | Lift-point radius | | | | | | | | At max. Reach | | |
|------------------------|----|-------------------|--|-------|------|-------|-------|-------|------|---------------|-------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | Capacity | Reach | |
| | | | | | | | | | | | | m |
| 6.0 m | kg | | | | | | | | | *3850 | *3850 | 5.86 |
| 4.5 m | kg | | | | | *5320 | *5320 | *4750 | 3720 | *3630 | 3080 | 6.74 |
| 3.0 m | kg | | | | | *6540 | 5420 | *5200 | 3600 | *3650 | 2730 | 7.20 |
| 1.5 m | kg | | | | | *7690 | 5110 | 5230 | 3460 | *3850 | 2610 | 7.33 |
| 0.0 m | kg | | | | | 7890 | 4950 | 5120 | 3360 | 4010 | 2680 | 7.13 |
| -1.5 m | kg | | | *9400 | 9060 | 7860 | 4920 | 5100 | 3340 | 4490 | 2980 | 6.58 |
| -3.0 m | kg | | | *9400 | 9230 | *6720 | 5000 | | | *4980 | 3770 | 5.58 |

5.10 m boom, 2.20 m arm equipped with 3250 kg counter weight, 600 mm Triple grouser shoe and with Dozer down.

| Lift-point height m | | Lift-point radius | | | | | | | | At max. Reach | | |
|------------------------|----|-------------------|--|-------|------|-------|-------|-------|------|---------------|-------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | Capacity | Reach | |
| | | | | | | | | | | | | m |
| 6.0 m | kg | | | | | | | | | *3850 | *3850 | 5.86 |
| 4.5 m | kg | | | | | *5320 | *5320 | *4750 | 3720 | *3630 | 3080 | 6.74 |
| 3.0 m | kg | | | | | *6540 | 5420 | *5200 | 3600 | *3650 | 2730 | 7.20 |
| 1.5 m | kg | | | | | *7690 | 5110 | *5710 | 3460 | *3850 | 2610 | 7.33 |
| 0.0 m | kg | | | | | *8180 | 4950 | *5980 | 3360 | *4310 | 2680 | 7.13 |
| -1.5 m | kg | | | *9400 | 9060 | *7910 | 4920 | *5770 | 3340 | *5030 | 2980 | 6.58 |
| -3.0 m | kg | | | *9400 | 9230 | *6720 | 5000 | | | *4980 | 3770 | 5.58 |

- Lifting capacities are based on ISO 10567.
- Lifting capacity of the HX A-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.
- Caution: please be aware of the local regulations and instructions for lifting operations.

HX160A L MONO BOOM

5.10 m boom, 2.60 m arm equipped with 2600 kg counter weight, 600 mm triple grouser shoe and without Dozer.

| Lift-point height m | | Lift-point radius | | | | | | | | | | At max. Reach | | | | |
|------------------------|----|-------------------|-------|--------|------|-------|------|-------|-------|-------|------|---------------|-------|-------|-------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | | | |
| | | | | | | | | | | | | | | m | | |
| 7.5 m | kg | | | | | | | | | | | | | *3410 | *3410 | 4.85 |
| 6.0 m | kg | | | | | | | | | *3840 | 3280 | | | *2970 | *2970 | 6.27 |
| 4.5 m | kg | | | | | | | *4870 | *4870 | *4430 | 3230 | | | *2850 | 2430 | 7.10 |
| 3.0 m | kg | | | | | *9370 | 8720 | *6120 | 4740 | *4940 | 3090 | *3110 | 2170 | *2880 | 2150 | 7.54 |
| 1.5 m | kg | | | | | | | *7380 | 4390 | 4840 | 2940 | 3470 | 2120 | *3060 | 2050 | 7.66 |
| 0.0 m | kg | | | | | | | *5290 | *5290 | 7300 | 4190 | 4720 | 2820 | *3420 | 2080 | 7.47 |
| -1.5 m | kg | *5090 | *5090 | *9190 | 7630 | 7230 | 4120 | 4670 | 2780 | | | | | 3800 | 2290 | 6.95 |
| -3.0 m | kg | *9360 | *9360 | *10170 | 7770 | *7120 | 4180 | 4740 | 2840 | | | | | 4720 | 2830 | 6.01 |
| -4.5 m | kg | | | | | | | *6860 | *6860 | | | | | *4560 | *4560 | 4.39 |

5.10 m boom, 2.60 m arm equipped with 2600 kg counter weight, 600 mm triple grouser shoe and with Dozer up.

| Lift-point height m | | Lift-point radius | | | | | | | | | | At max. Reach | | | | |
|------------------------|----|-------------------|-------|--------|------|-------|------|-------|-------|-------|------|---------------|-------|-------|-------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | | | |
| | | | | | | | | | | | | | | m | | |
| 7.5 m | kg | | | | | | | | | | | | | *3410 | *3410 | 4.85 |
| 6.0 m | kg | | | | | | | | | *3840 | 3460 | | | *2970 | *2970 | 6.27 |
| 4.5 m | kg | | | | | | | *4870 | *4870 | *4430 | 3410 | | | *2850 | 2580 | 7.10 |
| 3.0 m | kg | | | | | *9370 | 9190 | *6120 | 5000 | *4940 | 3280 | *3110 | 2310 | *2880 | 2290 | 7.54 |
| 1.5 m | kg | | | | | | | *7380 | 4660 | 4800 | 3120 | 3430 | 2260 | *3060 | 2190 | 7.66 |
| 0.0 m | kg | | | | | | | *5290 | *5290 | 7230 | 4450 | 4670 | 3010 | 3410 | 2230 | 7.47 |
| -1.5 m | kg | *5090 | *5090 | *9190 | 8100 | 7160 | 4390 | 4620 | 2960 | | | | | 3760 | 2450 | 6.95 |
| -3.0 m | kg | *9360 | *9360 | *10170 | 8240 | *7120 | 4440 | 4690 | 3030 | | | | | 4680 | 3020 | 6.01 |
| -4.5 m | kg | | | | | | | *6860 | *6860 | | | | | *4560 | *4560 | 4.39 |



5.10 m boom, 2.60 m arm equipped with 2600 kg counter weight, 600 mm triple grouser shoe and with Dozer down.

| Lift-point height m | | Lift-point radius | | | | | | | | | | At max. Reach | | | | |
|------------------------|----|-------------------|-------|--------|------|-------|------|-------|-------|-------|------|---------------|-------|-------|-------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | | | |
| | | | | | | | | | | | | | | m | | |
| 7.5 m | kg | | | | | | | | | | | | | *3410 | *3410 | 4.85 |
| 6.0 m | kg | | | | | | | | | *3840 | 3460 | | | *2970 | *2970 | 6.27 |
| 4.5 m | kg | | | | | | | *4870 | *4870 | *4430 | 3410 | | | *2850 | 2580 | 7.10 |
| 3.0 m | kg | | | | | *9370 | 9190 | *6120 | 5000 | *4940 | 3280 | *3110 | 2310 | *2880 | 2290 | 7.54 |
| 1.5 m | kg | | | | | | | *7380 | 4660 | *5520 | 3120 | *4040 | 2260 | *3060 | 2190 | 7.66 |
| 0.0 m | kg | | | | | | | *5290 | *5290 | *8070 | 4450 | *5900 | 3010 | *3420 | 2230 | 7.47 |
| -1.5 m | kg | *5090 | *5090 | *9190 | 8100 | *8010 | 4390 | *5850 | 2960 | | | | | *4130 | 2450 | 6.95 |
| -3.0 m | kg | *9360 | *9360 | *10170 | 8240 | *7120 | 4440 | *4910 | 3030 | | | | | *4890 | 3020 | 6.01 |
| -4.5 m | kg | | | | | | | *6860 | *6860 | | | | | *4560 | *4560 | 4.39 |

- Lifting capacities are based on ISO 10567.
- Lifting capacity of the HX A-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.
- Caution: please be aware of the local regulations and instructions for lifting operations.

HX160A L













LIFTING CAPACITY

 Rating over-front
  Rating over-side or 360 degrees













 Rating over-front
  Rating over-side or 360 degrees

HX160A L MONO BOOM













5.10 m boom, 2.60 m arm equipped with 3250 kg counter weight, 600 mm Triple grouser shoe and without Dozer.

| Lift-point height m | | Lift-point radius | | | | | | | | | | At max. Reach | | | | |
|------------------------|----|---|---|---|---|---|---|---|---|---|---|---|---|-------|-------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | | | |
| | |  |  |  |  |  |  |  |  |  |  |  |  | m | | |
| 7.5 m | kg | | | | | | | | | | | | | *3410 | *3410 | 4.85 |
| 6.0 m | kg | | | | | | | *3840 | 3610 | | | | | *2970 | *2970 | 6.27 |
| 4.5 m | kg | | | | | *4870 | *4870 | *4430 | 3560 | | | | | *2850 | 2700 | 7.10 |
| 3.0 m | kg | | | *9370 | *9370 | *6120 | 5220 | *4940 | 3430 | *3110 | 2430 | | | *2880 | 2410 | 7.54 |
| 1.5 m | kg | | | | | *7380 | 4880 | 5280 | 3270 | 3790 | 2370 | | | *3060 | 2300 | 7.66 |
| 0.0m | kg | | | *5290 | *5290 | 7960 | 4670 | 5150 | 3160 | | | | | *3420 | 2340 | 7.47 |
| -1.5 m | kg | *5090 | *5090 | *9190 | 8490 | 7880 | 4600 | 5100 | 3110 | | | | | *4130 | 2570 | 6.95 |
| -3.0 m | kg | *9360 | *9360 | *10170 | 8630 | *7120 | 4660 | *4910 | 3180 | | | | | *4890 | 3170 | 6.01 |
| -4.5 m | kg | | | *6860 | *6860 | | | | | | | | | *4560 | *4560 | 4.39 |

5.10 m boom, 2.60 m arm equipped with 3250 kg counter weight, 600 mm Triple grouser shoe and with Dozer up.

| Lift-point height m | | Lift-point radius | | | | | | | | | | At max. Reach | | | | |
|------------------------|----|---|---|---|---|---|---|---|---|---|---|---|---|-------|-------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | | | |
| | |  |  |  |  |  |  |  |  |  |  |  |  | m | | |
| 7.5 m | kg | | | | | | | | | | | | | *3410 | *3410 | 4.85 |
| 6.0 m | kg | | | | | | | *3840 | 3800 | | | | | *2970 | *2970 | 6.27 |
| 4.5 m | kg | | | | | *4870 | *4870 | *4430 | 3750 | | | | | *2850 | *2850 | 7.10 |
| 3.0 m | kg | | | *9370 | *9370 | *6120 | 5490 | *4940 | 3610 | *3110 | 2570 | | | *2880 | 2550 | 7.54 |
| 1.5 m | kg | | | | | *7380 | 5140 | 5230 | 3460 | 3760 | 2510 | | | *3060 | 2440 | 7.66 |
| 0.0m | kg | | | *5290 | *5290 | 7890 | 4940 | 5100 | 3340 | | | | | *3420 | 2490 | 7.47 |
| -1.5 m | kg | *5090 | *5090 | *9190 | 8960 | 7810 | 4870 | 5050 | 3300 | | | | | 4120 | 2730 | 6.95 |
| -3.0 m | kg | *9360 | *9360 | *10170 | 9100 | *7120 | 4930 | *4910 | 3360 | | | | | *4890 | 3350 | 6.01 |
| -4.5 m | kg | | | *6860 | *6860 | | | | | | | | | *4560 | *4560 | 4.39 |













5.10 m boom, 2.60 m arm equipped with 3250 kg counter weight, 600 mm Triple grouser shoe and with Dozer down.

| Lift-point height m | | Lift-point radius | | | | | | | | | | At max. Reach | | | | |
|------------------------|----|---|---|---|---|---|---|---|---|---|---|---|---|-------|-------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | | | |
| | |  |  |  |  |  |  |  |  |  |  |  |  | m | | |
| 7.5 m | kg | | | | | | | | | | | | | *3410 | *3410 | 4.85 |
| 6.0 m | kg | | | | | | | *3840 | 3800 | | | | | *2970 | *2970 | 6.27 |
| 4.5 m | kg | | | | | *4870 | *4870 | *4430 | 3750 | | | | | *2850 | *2850 | 7.10 |
| 3.0 m | kg | | | *9370 | *9370 | *6120 | 5490 | *4940 | 3610 | *3110 | 2570 | | | *2880 | 2550 | 7.54 |
| 1.5 m | kg | | | | | *7380 | 5140 | *5520 | 3460 | *4040 | 2510 | | | *3060 | 2440 | 7.66 |
| 0.0m | kg | | | *5290 | *5290 | *8070 | 4940 | *5900 | 3340 | | | | | *3420 | 2490 | 7.47 |
| -1.5 m | kg | *5090 | *5090 | *9190 | 8960 | *8010 | 4870 | *5850 | 3300 | | | | | *4130 | 2730 | 6.95 |
| -3.0 m | kg | *9360 | *9360 | *10170 | 9100 | *7120 | 4930 | *4910 | 3360 | | | | | *4890 | 3350 | 6.01 |
| -4.5 m | kg | | | *6860 | *6860 | | | | | | | | | *4560 | *4560 | 4.39 |













- Lifting capacities are based on ISO 10567.
- Lifting capacity of the HX A-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.
- Caution: please be aware of the local regulations and instructions for lifting operations.

HX160A L MONO BOOM













5.10 m boom, 3.10 m arm equipped with 2600 kg counter weight, 600 mm triple grouser shoe and without Dozer.

| Lift-point height m | | Lift-point radius | | | | | | | | | | At max. Reach | | | | | | |
|------------------------|----|---|---|---|---|---|---|---|---|---|---|---|---|---|--|-------|-------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | | | | | |
| | |  |  |  |  |  |  |  |  |  |  |  |  | m | | | | |
| 7.5 m | kg | | | | | | | | | | | | | | | *2710 | *2710 | 5.51 |
| 6.0 m | kg | | | | | | | | | *3700 | 3330 | | | | | *2430 | *2430 | 6.79 |
| 4.5 m | kg | | | | | | | | | *4020 | 3260 | *2570 | 2230 | | | *2340 | 2190 | 7.56 |
| 3.0 m | kg | | | | | *7930 | *7930 | *5540 | 4810 | *4580 | 3110 | 3540 | 2170 | | | *2380 | 1950 | 7.97 |
| 1.5 m | kg | | | | | *6760 | *6760 | *6920 | 4430 | 4850 | 2930 | 3450 | 2100 | | | *2530 | 1860 | 8.09 |
| 0.0m | kg | | | | | *6160 | *6160 | 7280 | 4160 | 4690 | 2790 | 3380 | 2030 | | | *2820 | 1880 | 7.91 |
| -1.5 m | kg | *4790 | *4790 | *8770 | 7480 | 7150 | 4050 | 4610 | 2720 | | | | | | | *3360 | 2040 | 7.42 |
| -3.0 m | kg | *8080 | *8080 | *10910 | 7580 | 7170 | 4070 | 4630 | 2740 | | | | | | | 4090 | 2440 | 6.55 |
| -4.5 m | kg | | | *8260 | 7850 | *5640 | 4230 | | | | | | | | | *4650 | 3560 | 5.11 |

5.10 m boom, 3.10 m arm equipped with 2600 kg counter weight, 600 mm triple grouser shoe and with Dozer up.

| Lift-point height m | | Lift-point radius | | | | | | | | | | At max. Reach | | | | | | |
|------------------------|----|---|---|---|---|---|---|---|---|---|---|---|---|---|--|-------|-------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | | | | | |
| | |  |  |  |  |  |  |  |  |  |  |  |  | m | | | | |
| 7.5 m | kg | | | | | | | | | | | | | | | *2710 | *2710 | 5.51 |
| 6.0 m | kg | | | | | | | | | *3700 | 3520 | | | | | *2430 | *2430 | 6.79 |
| 4.5 m | kg | | | | | | | | | *4020 | 3450 | *2570 | 2370 | | | *2340 | 2330 | 7.56 |
| 3.0 m | kg | | | | | *7930 | *7930 | *5540 | 5080 | *4580 | 3290 | 3500 | 2320 | | | *2380 | 2090 | 7.97 |
| 1.5 m | kg | | | | | *6760 | *6760 | *6920 | 4690 | 4800 | 3120 | 3420 | 2240 | | | *2530 | 1990 | 8.09 |
| 0.0m | kg | | | | | *6160 | *6160 | 7220 | 4430 | 4640 | 2980 | 3350 | 2170 | | | *2820 | 2010 | 7.91 |
| -1.5 m | kg | *4790 | *4790 | *8770 | 7960 | 7090 | 4320 | 4560 | 2900 | | | | | | | *3360 | 2180 | 7.42 |
| -3.0 m | kg | *8080 | *8080 | *10910 | 8060 | 7110 | 4330 | 4580 | 2920 | | | | | | | 4050 | 2610 | 6.55 |
| -4.5 m | kg | | | *8260 | *8260 | *5640 | 4490 | | | | | | | | | *4650 | 3790 | 5.11 |

5.10 m boom, 3.10 m arm equipped with 2600 kg counter weight, 600 mm triple grouser shoe and with Dozer down.

| Lift-point height m | | Lift-point radius | | | | | | | | | | At max. Reach | | | | | | |
|------------------------|----|---|---|---|---|---|---|---|---|---|---|---|---|---|--|-------|-------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | | | | | |
| | |  |  |  |  |  |  |  |  |  |  |  |  | m | | | | |
| 7.5 m | kg | | | | | | | | | | | | | | | *2710 | *2710 | 5.51 |
| 6.0 m | kg | | | | | | | | | *3700 | 3520 | | | | | *2430 | *2430 | 6.79 |
| 4.5 m | kg | | | | | | | | | *4020 | 3450 | *2570 | 2370 | | | *2340 | 2330 | 7.56 |
| 3.0 m | kg | | | | | *7930 | *7930 | *5540 | 5080 | *4580 | 3290 | *3790 | 2320 | | | *2380 | 2090 | 7.97 |
| 1.5 m | kg | | | | | *6760 | *6760 | *6920 | 4690 | *5230 | 3120 | *4390 | 2240 | | | *2530 | 1990 | 8.09 |
| 0.0m | kg | | | | | *6160 | *6160 | *7830 | 4430 | *5730 | 2980 | *4580 | 2170 | | | *2820 | 2010 | 7.91 |
| -1.5 m | kg | *4790 | *4790 | *8770 | 7960 | *8030 | 4320 | *5860 | 2900 | | | | | | | *3360 | 2180 | 7.42 |
| -3.0 m | kg | *8080 | *8080 | *10910 | 8060 | *7450 | 4330 | *5360 | 2920 | | | | | | | *4510 | 2610 | 6.55 |
| -4.5 m | kg | | | *8260 | *8260 | *5640 | 4490 | | | | | | | | | *4650 | 3790 | 5.11 |

- Lifting capacities are based on ISO 10567.
- Lifting capacity of the HX A-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.
- Caution: please be aware of the local regulations and instructions for lifting operations.

HX160A L

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

Rating over-front Rating over-side or 360 degrees

HX160A L MONO BOOM

5.10 m boom, 3.10 m arm equipped with 3250 kg counter weight, 600 mm Triple grouser shoe and without Dozer.

| Lift-point height m | | Lift-point radius | | | | | | | | | | At max. Reach | | |
|------------------------|----|-------------------|-------|--------|-------|-------|-------|-------|-------|-------|------|---------------|-------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | |
| | | | | | | | | | | | | | | m |
| 7.5 m | kg | | | | | | | | | | | *2710 | *2710 | 5.51 |
| 6.0 m | kg | | | | | | *3700 | 3670 | | | | *2430 | *2430 | 6.79 |
| 4.5 m | kg | | | | | | *4020 | 3600 | *2570 | 2480 | | *2340 | *2340 | 7.56 |
| 3.0 m | kg | | | *7930 | *7930 | *5540 | 5300 | *4580 | 3440 | *3790 | 2430 | *2380 | 2190 | 7.97 |
| 1.5 m | kg | | | *6760 | *6760 | *6920 | 4910 | *5230 | 3270 | 3770 | 2350 | *2530 | 2090 | 8.09 |
| 0.0m | kg | | | *6160 | *6160 | *7830 | 4650 | 5120 | 3130 | 3700 | 2290 | *2820 | 2120 | 7.91 |
| -1.5 m | kg | *4790 | *4790 | *8770 | 8340 | 7810 | 4530 | 5040 | 3050 | | | *3360 | 2300 | 7.42 |
| -3.0 m | kg | *8080 | *8080 | *10910 | 8440 | *7450 | 4550 | 5060 | 3070 | | | 4480 | 2750 | 6.55 |
| -4.5 m | kg | | | *8260 | *8260 | *5640 | 4710 | | | | | *4650 | 3970 | 5.11 |

5.10 m boom, 3.10 m arm equipped with 3250 kg counter weight, 600 mm Triple grouser shoe and with Dozer up.

| Lift-point height m | | Lift-point radius | | | | | | | | | | At max. Reach | | |
|------------------------|----|-------------------|-------|--------|-------|-------|-------|-------|-------|-------|------|---------------|-------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | |
| | | | | | | | | | | | | | | m |
| 7.5 m | kg | | | | | | | | | | | *2710 | *2710 | 5.51 |
| 6.0 m | kg | | | | | | *3700 | *3700 | | | | *2430 | *2430 | 6.79 |
| 4.5 m | kg | | | | | | *4020 | 3780 | *2570 | *2570 | | *2340 | *2340 | 7.56 |
| 3.0 m | kg | | | *7930 | *7930 | *5540 | *5540 | *4580 | 3630 | *3790 | 2570 | *2380 | 2330 | 7.97 |
| 1.5 m | kg | | | *6760 | *6760 | *6920 | 5180 | *5230 | 3450 | 3740 | 2490 | *2530 | 2220 | 8.09 |
| 0.0m | kg | | | *6160 | *6160 | *7830 | 4910 | 5080 | 3310 | 3670 | 2430 | *2820 | 2260 | 7.91 |
| -1.5 m | kg | *4790 | *4790 | *8770 | *8770 | 7740 | 4800 | 5000 | 3240 | | | *3360 | 2440 | 7.42 |
| -3.0 m | kg | *8080 | *8080 | *10910 | 8920 | *7450 | 4820 | 5020 | 3260 | | | 4440 | 2910 | 6.55 |
| -4.5 m | kg | | | *8260 | *8260 | *5640 | 4980 | | | | | *4650 | 4200 | 5.11 |

5.10 m boom, 3.10 m arm equipped with 3250 kg counter weight, 600 mm Triple grouser shoe and with Dozer down.

| Lift-point height m | | Lift-point radius | | | | | | | | | | At max. Reach | | |
|------------------------|----|-------------------|-------|--------|-------|-------|-------|-------|-------|-------|------|---------------|-------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | |
| | | | | | | | | | | | | | | m |
| 7.5 m | kg | | | | | | | | | | | *2710 | *2710 | 5.51 |
| 6.0 m | kg | | | | | | *3700 | *3700 | | | | *2430 | *2430 | 6.79 |
| 4.5 m | kg | | | | | | *4020 | 3780 | *2570 | *2570 | | *2340 | *2340 | 7.56 |
| 3.0 m | kg | | | *7930 | *7930 | *5540 | *5540 | *4580 | 3630 | *3790 | 2570 | *2380 | 2330 | 7.97 |
| 1.5 m | kg | | | *6760 | *6760 | *6920 | 5180 | *5230 | 3450 | *4390 | 2490 | *2530 | 2220 | 8.09 |
| 0.0m | kg | | | *6160 | *6160 | *7830 | 4910 | *5730 | 3310 | *4580 | 2430 | *2820 | 2260 | 7.91 |
| -1.5 m | kg | *4790 | *4790 | *8770 | *8770 | *8030 | 4800 | *5860 | 3240 | | | *3360 | 2440 | 7.42 |
| -3.0 m | kg | *8080 | *8080 | *10910 | 8920 | *7450 | 4820 | *5360 | 3260 | | | *4510 | 2910 | 6.55 |
| -4.5 m | kg | | | *8260 | *8260 | *5640 | 4980 | | | | | *4650 | 4200 | 5.11 |

- Lifting capacities are based on ISO 10567.
- Lifting capacity of the HX A-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.
- Caution: please be aware of the local regulations and instructions for lifting operations.

HX160A L 2-PIECE BOOM

5.10 m boom, 2.20 m arm equipped with 3250 kg counter weight, 600 mm triple grouser shoe and without

| Lift-point height m | | Lift-point radius | | | | | | | | At max. Reach | | | | |
|------------------------|----|-------------------|-------|-------|------|-------|-------|-------|-------|---------------|-------|-------|------|------|
| | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | | | |
| | | | | | | | | | | | | m | | |
| 7.5 m | kg | | | | | | | | | *4850 | *4850 | 4.43 | | |
| 6.0 m | kg | | | | | | *4510 | *4510 | | | *3970 | 3580 | 5.95 | |
| 4.5 m | kg | | | | | | *5110 | *5110 | *4560 | 3530 | | *3670 | 2840 | 6.82 |
| 3.0 m | kg | | | | | | *6280 | 5140 | *5010 | 3390 | | *3620 | 2520 | 7.28 |
| 1.5 m | kg | | | | | | *7440 | 4810 | 5280 | 3250 | | *3750 | 2410 | 7.40 |
| 0.0m | kg | | | | | | 7980 | 4640 | 5170 | 3150 | | 4000 | 2470 | 7.20 |
| -1.5 m | kg | *8360 | *8360 | *7890 | 4620 | 5160 | 3130 | | | | | 4470 | 2760 | 6.66 |

5.10 m boom, 2.20 m arm equipped with 3250 kg counter weight, 600 mm triple grouser shoe and with Dozer up.

| Lift-point height m | | Lift-point radius | | | | | | | | At max. Reach | | | | |
|------------------------|----|-------------------|-------|-------|------|-------|-------|-------|-------|---------------|-------|-------|------|------|
| | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | | | |
| | | | | | | | | | | | | m | | |
| 7.5 m | kg | | | | | | | | | *4850 | *4850 | 4.43 | | |
| 6.0 m | kg | | | | | | *4510 | *4510 | | | *3970 | 3760 | 5.95 | |
| 4.5 m | kg | | | | | | *5110 | *5110 | *4560 | 3710 | | *3670 | 3000 | 6.82 |
| 3.0 m | kg | | | | | | *6280 | 5410 | *5010 | 3580 | | *3620 | 2670 | 7.28 |
| 1.5 m | kg | | | | | | *7440 | 5080 | 5240 | 3430 | | *3750 | 2550 | 7.40 |
| 0.0m | kg | | | | | | 7910 | 4910 | 5130 | 3330 | | 3970 | 2620 | 7.20 |
| -1.5 m | kg | *8360 | *8360 | 7880 | 4880 | 5110 | 3320 | | | | | 4440 | 2920 | 6.66 |

5.10 m boom, 2.20 m arm equipped with 3250 kg counter weight, 600 mm triple grouser shoe and with Dozer down.

| Lift-point height m | | Lift-point radius | | | | | | | | At max. Reach | | | | |
|------------------------|----|-------------------|--------|--------|-------|--------|--------|--------|--------|---------------|--------|--------|-------|------|
| | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | | | |
| | | | | | | | | | | | | m | | |
| 7.5 m | kg | | | | | | | | | *4,850 | *4,850 | 4.43 | | |
| 6.0 m | kg | | | | | | *4,510 | *4,510 | | | *3,970 | 3,760 | 5.95 | |
| 4.5 m | kg | | | | | | *5,110 | *5,110 | *4,560 | 3,710 | | *3,670 | 3,000 | 6.82 |
| 3.0 m | kg | | | | | | *6,280 | 5,410 | *5,010 | 3,580 | | *3,620 | 2,670 | 7.28 |
| 1.5 m | kg | | | | | | *7,440 | 5,080 | *5,530 | 3,430 | | *3,750 | 2,550 | 7.40 |
| 0.0m | kg | | | | | | *8,020 | 4,910 | *5,870 | 3,330 | | *4,090 | 2,620 | 7.20 |
| -1.5 m | kg | *8,360 | *8,360 | *7,890 | 4,880 | *5,760 | 3,320 | | | | | *4,780 | 2,920 | 6.66 |

- Lifting capacities are based on ISO 10567.
- Lifting capacity of the HX A-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.
- Caution: please be aware of the local regulations and instructions for lifting operations.

HX160A L LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

HX160A L 2-PIECE BOOM

5.10 m boom, 2.60 m arm equipped with 3250 kg counter weight, 600 mm triple grouser shoe and without Dozer.

| Lift-point height m | | | | | | | | | | At max. Reach | | |
|------------------------|----|-------|-------|-------|-------|-------|------|-------|------|---------------|-------|-------|
| | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | | Reach |
| | | | | | | | | | | | | m |
| 7.5 m | kg | | | *4310 | *4310 | | | | | *3570 | *3570 | 5.00 |
| 6.0 m | kg | | | | | *4130 | 3610 | | | *3050 | *3050 | 6.39 |
| 4.5 m | kg | | | *4680 | *4680 | *4250 | 3560 | | | *2870 | 2620 | 7.20 |
| 3.0 m | kg | | | *5870 | 5210 | *4750 | 3410 | *3660 | 2410 | *2850 | 2340 | 7.63 |
| 1.5 m | kg | | | *7130 | 4850 | 5290 | 3250 | 3800 | 2350 | *2970 | 2240 | 7.75 |
| 0.0m | kg | | | *7880 | 4630 | 5160 | 3130 | 3750 | 2310 | *3250 | 2280 | 7.56 |
| -1.5 m | kg | *8290 | *8290 | 7900 | 4570 | 5110 | 3090 | | | *3800 | 2510 | 7.05 |
| -3.0 m | kg | | | *7200 | 4640 | | | | | | | |

5.10 m boom, 2.60 m arm equipped with 3250 kg counter weight, 600 mm triple grouser shoe and with Dozer up.

| Lift-point height m | | | | | | | | | | At max. Reach | | |
|------------------------|----|-------|-------|-------|-------|-------|------|-------|------|---------------|-------|-------|
| | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | | Reach |
| | | | | | | | | | | | | m |
| 7.5 m | kg | | | *4310 | *4310 | | | | | *3570 | *3570 | 5.00 |
| 6.0 m | kg | | | | | *4130 | 3800 | | | *3050 | *3050 | 6.39 |
| 4.5 m | kg | | | *4680 | *4680 | *4250 | 3750 | | | *2870 | 2770 | 7.20 |
| 3.0 m | kg | | | *5870 | 5480 | *4750 | 3600 | *3660 | 2550 | *2850 | 2480 | 7.63 |
| 1.5 m | kg | | | *7130 | 5110 | 5250 | 3430 | 3760 | 2490 | *2970 | 2370 | 7.75 |
| 0.0m | kg | | | *7880 | 4900 | 5110 | 3320 | 3720 | 2450 | *3250 | 2420 | 7.56 |
| -1.5 m | kg | *8290 | *8290 | 7830 | 4830 | 5070 | 3270 | | | *3800 | 2670 | 7.05 |
| -3.0 m | kg | | | *7200 | 4900 | | | | | | | |

5.10 m boom, 2.60 m arm equipped with 3250 kg counter weight, 600 mm triple grouser shoe and with Dozer down.

| Lift-point height m | | | | | | | | | | At max. Reach | | |
|------------------------|----|-------|-------|-------|-------|-------|------|-------|------|---------------|-------|-------|
| | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | | Reach |
| | | | | | | | | | | | | m |
| 7.5 m | kg | | | *4310 | *4310 | | | | | *3570 | *3570 | 5.00 |
| 6.0 m | kg | | | | | *4130 | 3800 | | | *3050 | *3050 | 6.39 |
| 4.5 m | kg | | | *4680 | *4680 | *4250 | 3750 | | | *2870 | 2770 | 7.20 |
| 3.0 m | kg | | | *5870 | 5480 | *4750 | 3600 | *3660 | 2550 | *2850 | 2480 | 7.63 |
| 1.5 m | kg | | | *7130 | 5110 | *5330 | 3430 | *4480 | 2490 | *2970 | 2370 | 7.75 |
| 0.0m | kg | | | *7880 | 4900 | *5760 | 3320 | *3840 | 2450 | *3250 | 2420 | 7.56 |
| -1.5 m | kg | *8290 | *8290 | *7950 | 4830 | *5810 | 3270 | | | *3800 | 2670 | 7.05 |
| -3.0 m | kg | | | *7200 | 4900 | | | | | | | |

- Lifting capacities are based on ISO 10567.
- Lifting capacity of the HX A-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.
- Caution: please be aware of the local regulations and instructions for lifting operations.

HX180A L LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

HX180A L MONO BOOM

5.10 m boom, 2.20 m arm equipped with 2900 kg counter weight, 600 mm triple grouser shoe and without Dozer.

| Lift-point height m | | | | | | | | | | At max. Reach | | |
|------------------------|----|-------|--|-------|-------|-------|-------|-------|------|---------------|-------|-------|
| | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | | Reach |
| | | | | | | | | | | | | m |
| 6.0 m | kg | | | | | | | | | *3850 | *3850 | 5.86 |
| 4.5 m | kg | | | | | *5320 | *5320 | *4750 | 3880 | *3630 | 3210 | 6.74 |
| 3.0 m | kg | | | | | *6540 | 5720 | *5200 | 3750 | *3650 | 2840 | 7.20 |
| 1.5 m | kg | | | | | *7690 | 5400 | 5530 | 3610 | *3850 | 2720 | 7.33 |
| 0.0m | kg | | | | | *8180 | 5230 | 5420 | 3510 | 4230 | 2780 | 7.13 |
| -1.5 m | kg | | | *9400 | *9400 | *7910 | 5200 | 5390 | 3490 | 4740 | 3100 | 6.58 |
| -3.0 m | kg | | | *9400 | *9400 | *6720 | 5290 | | | *4980 | 3940 | 5.58 |

5.10 m boom, 2.20 m arm equipped with 2900 kg counter weight, 600 mm triple grouser shoe and with Dozer up.

| Lift-point height m | | | | | | | | | | At max. Reach | | |
|------------------------|----|-------|--|-------|-------|-------|-------|-------|------|---------------|-------|-------|
| | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | | Reach |
| | | | | | | | | | | | | m |
| 6.0 m | kg | | | | | | | | | *3850 | *3850 | 5.86 |
| 4.5 m | kg | | | | | *5320 | *5320 | *4750 | 4090 | *3630 | 3390 | 6.74 |
| 3.0 m | kg | | | | | *6540 | 6030 | *5200 | 3960 | *3650 | 3010 | 7.20 |
| 1.5 m | kg | | | | | *7690 | 5700 | 5470 | 3820 | *3850 | 2880 | 7.33 |
| 0.0m | kg | | | | | *8180 | 5530 | 5370 | 3720 | 4190 | 2950 | 7.13 |
| -1.5 m | kg | | | *9400 | *9400 | *7910 | 5500 | 5340 | 3700 | 4690 | 3290 | 6.58 |
| -3.0 m | kg | | | *9400 | *9400 | *6720 | 5590 | | | *4980 | 4170 | 5.58 |

5.10 m boom, 2.20 m arm equipped with 2900 kg counter weight, 600 mm triple grouser shoe and with Dozer down.

| Lift-point height m | | | | | | | | | | At max. Reach | | |
|------------------------|----|-------|--|-------|-------|-------|-------|-------|------|---------------|-------|-------|
| | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | | Reach |
| | | | | | | | | | | | | m |
| 6.0 m | kg | | | | | | | | | *3850 | *3850 | 5.86 |
| 4.5 m | kg | | | | | *5320 | *5320 | *4750 | 4090 | *3630 | 3390 | 6.74 |
| 3.0 m | kg | | | | | *6540 | 6030 | *5200 | 3960 | *3650 | 3010 | 7.20 |
| 1.5 m | kg | | | | | *7690 | 5700 | *5710 | 3820 | *3850 | 2880 | 7.33 |
| 0.0m | kg | | | | | *8180 | 5530 | *5980 | 3720 | *4310 | 2950 | 7.13 |
| -1.5 m | kg | | | *9400 | *9400 | *7910 | 5500 | *5770 | 3700 | *5030 | 3290 | 6.58 |
| -3.0 m | kg | | | *9400 | *9400 | *6720 | 5590 | | | *4980 | 4170 | 5.58 |

- Lifting capacities are based on ISO 10567.
- Lifting capacity of the HX A-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.
- Caution: please be aware of the local regulations and instructions for lifting operations.

HX180A L

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

Rating over-front Rating over-side or 360 degrees

HX180A L MONO BOOM

5.10 m boom, 2.20 m arm equipped with 3250 kg counter weight, 600 mm Triple grouser shoe and without Dozer.

| Lift-point height m | | Lift-point radius | | | | | | | | At max. Reach | | |
|------------------------|----|-------------------|--|-------|-------|-------|-------|-------|------|---------------|-------|------|
| | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | |
| | | | | | | | | | | | | m |
| 6.0 m | kg | | | | | | | | | *3850 | *3850 | 5.86 |
| 4.5 m | kg | | | | | *5320 | *5320 | *4750 | 4070 | *3630 | 3370 | 6.74 |
| 3.0 m | kg | | | | | *6540 | 6010 | *5200 | 3950 | *3650 | 2990 | 7.20 |
| 1.5 m | kg | | | | | *7690 | 5680 | *5710 | 3800 | *3850 | 2870 | 7.33 |
| 0.0m | kg | | | | | *8180 | 5510 | 5660 | 3710 | *4310 | 2940 | 7.13 |
| -1.5 m | kg | | | *9400 | *9400 | *7910 | 5480 | 5640 | 3680 | 4950 | 3270 | 6.58 |
| -3.0 m | kg | | | *9400 | *9400 | *6720 | 5570 | | | *4980 | 4160 | 5.58 |

5.10 m boom, 2.20 m arm equipped with 3250 kg counter weight, 600 mm Triple grouser shoe and with Dozer up.

| Lift-point height m | | Lift-point radius | | | | | | | | At max. Reach | | |
|------------------------|----|-------------------|--|-------|-------|-------|-------|-------|------|---------------|-------|------|
| | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | |
| | | | | | | | | | | | | m |
| 6.0 m | kg | | | | | | | | | *3850 | *3850 | 5.86 |
| 4.5 m | kg | | | | | *5320 | *5320 | *4750 | 4280 | *3630 | 3560 | 6.74 |
| 3.0 m | kg | | | | | *6540 | 6310 | *5200 | 4150 | *3650 | 3160 | 7.20 |
| 1.5 m | kg | | | | | *7690 | 5990 | *5710 | 4010 | *3850 | 3030 | 7.33 |
| 0.0m | kg | | | | | *8180 | 5810 | 5610 | 3910 | *4310 | 3110 | 7.13 |
| -1.5 m | kg | | | *9400 | *9400 | *7910 | 5780 | 5590 | 3890 | 4910 | 3460 | 6.58 |
| -3.0 m | kg | | | *9400 | *9400 | *6720 | 5870 | | | *4980 | 4390 | 5.58 |

5.10 m boom, 2.20 m arm equipped with 3250 kg counter weight, 600 mm Triple grouser shoe and with Dozer down.

| Lift-point height m | | Lift-point radius | | | | | | | | At max. Reach | | |
|------------------------|----|-------------------|--|-------|-------|-------|-------|-------|------|---------------|-------|------|
| | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | |
| | | | | | | | | | | | | m |
| 6.0 m | kg | | | | | | | | | *3850 | *3850 | 5.86 |
| 4.5 m | kg | | | | | *5320 | *5320 | *4750 | 4280 | *3630 | 3560 | 6.74 |
| 3.0 m | kg | | | | | *6540 | 6310 | *5200 | 4150 | *3650 | 3160 | 7.20 |
| 1.5 m | kg | | | | | *7690 | 5990 | *5710 | 4010 | *3850 | 3030 | 7.33 |
| 0.0m | kg | | | | | *8180 | 5810 | *5980 | 3910 | *4310 | 3110 | 7.13 |
| -1.5 m | kg | | | *9400 | *9400 | *7910 | 5780 | *5770 | 3890 | *5030 | 3460 | 6.58 |
| -3.0 m | kg | | | *9400 | *9400 | *6720 | 5870 | | | *4980 | 4390 | 5.58 |

- Lifting capacities are based on ISO 10567.
- Lifting capacity of the HX A-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.
- Caution: please be aware of the local regulations and instructions for lifting operations.

HX180A L MONO BOOM

5.10 m boom, 2.60 m arm equipped with 2900 kg counter weight, 600 mm triple grouser shoe and without Dozer.

| 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 | | | | |
| 7.5 m | kg | | | | | | | | | | | | | *3410 | *3410 | 4.85 | | |
| 6.0 m | kg | | | | | | | | | *3840 | *3840 | | | | | *2970 | *2970 | 6.27 |
| 4.5 m | kg | | | | | | | *4870 | *4870 | *4430 | 3910 | | | | | *2850 | *2850 | 7.10 |
| 3.0 m | kg | | | | | | | *9370 | *9370 | *6120 | 5790 | *4940 | 3770 | *3110 | 2670 | *2880 | 2650 | 7.54 |
| 1.5 m | kg | | | | | | | | | *7380 | 5430 | *5520 | 3610 | 3960 | 2610 | *3060 | 2530 | 7.66 |
| 0.0m | kg | | | | | | | | | *5290 | *5290 | *8070 | 5220 | 5400 | 3490 | | | 7.47 |
| -1.5 m | kg | *5090 | *5090 | *9190 | *9190 | *8010 | 5150 | 5350 | 3450 | | | | | | | *4130 | 2840 | 6.95 |
| -3.0 m | kg | *9360 | *9360 | *10170 | 9930 | *7120 | 5210 | *4910 | 3510 | | | | | | | *4890 | 3500 | 6.01 |
| -4.5 m | kg | | | | | | | *6860 | *6860 | | | | | | | *4560 | *4560 | 4.39 |

5.10 m boom, 2.60 m arm equipped with 2900 kg counter weight, 600 mm triple grouser shoe and with Dozer up.

| 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 | | | | |
| 7.5 m | kg | | | | | | | | | | | | | *3410 | *3410 | 4.85 | | |
| 6.0 m | kg | | | | | | | | | *3840 | *3840 | | | | | *2970 | *2970 | 6.27 |
| 4.5 m | kg | | | | | | | *4870 | *4870 | *4430 | 3910 | | | | | *2850 | *2850 | 7.10 |
| 3.0 m | kg | | | | | | | *9370 | *9370 | *6120 | 5790 | *4940 | 3770 | *3110 | 2670 | *2880 | 2650 | 7.54 |
| 1.5 m | kg | | | | | | | | | *7380 | 5430 | *5520 | 3610 | 3960 | 2610 | *3060 | 2530 | 7.66 |
| 0.0m | kg | | | | | | | | | *5290 | *5290 | *8070 | 5220 | 5400 | 3490 | | | 7.47 |
| -1.5 m | kg | *5090 | *5090 | *9190 | *9190 | *8010 | 5150 | 5350 | 3450 | | | | | | | *4130 | 2840 | 6.95 |
| -3.0 m | kg | *9360 | *9360 | *10170 | 9930 | *7120 | 5210 | *4910 | 3510 | | | | | | | *4890 | 3500 | 6.01 |
| -4.5 m | kg | | | | | | | *6860 | *6860 | | | | | | | *4560 | *4560 | 4.39 |

5.10 m boom, 2.60 m arm equipped with 2900 kg counter weight, 600 mm triple grouser shoe and with Dozer down.

| 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 | | | | |
| 7.5 m | kg | | | | | | | | | | | | | *3410 | *3410 | 4.85 | | |
| 6.0 m | kg | | | | | | | | | *3840 | *3840 | | | | | *2970 | *2970 | 6.27 |
| 4.5 m | kg | | | | | | | *4870 | *4870 | *4430 | 4120 | | | | | *2850 | *2850 | 7.10 |
| 3.0 m | kg | | | | | | | *9370 | *9370 | *6120 | 6100 | *4940 | 3980 | *3110 | 2830 | *2880 | 2810 | 7.54 |
| 1.5 m | kg | | | | | | | | | *7380 | 5740 | *5520 | 3820 | *4040 | 2770 | *3060 | 2690 | 7.66 |
| 0.0m | kg | | | | | | | | | *5290 | *5290 | *8070 | 5520 | *5900 | 3700 | | | 7.47 |
| -1.5 m | kg | *5090 | *5090 | *9190 | *9190 | *8010 | 5460 | *5850 | 3660 | | | | | | | *4130 | 3020 | 6.95 |
| -3.0 m | kg | *9360 | *9360 | *10170 | *10170 | *7120 | 5510 | *4910 | 3720 | | | | | | | *4890 | 3710 | 6.01 |
| -4.5 m | kg | | | | | | | *6860 | *6860 | | | | | | | *4560 | *4560 | 4.39 |

- Lifting capacities are based on ISO 10567.
- Lifting capacity of the HX A-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.
- Caution: please be aware of the local regulations and instructions for lifting operations.

HX180A L LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

HX180A L 2-PIECE BOOM

5.10 m boom, 2.60 m arm equipped with 3250 kg counter weight, 600 mm triple grouser shoe and without Dozer.

| Lift-point height m | | | | | | | | | | At max. Reach | | |
|------------------------|----|-------|-------|-------|-------|-------|-------|-------|------|---------------|-------|------|
| | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | |
| | | | | | | | | | | | | m |
| 7.5m | kg | | | *4310 | *4310 | | | | | *3570 | *3570 | 5.00 |
| 6.0m | kg | | | | | *4130 | *4130 | | | *3050 | *3050 | 6.39 |
| 4.5m | kg | | | *4680 | *4680 | *4250 | 4110 | | | *2870 | *2870 | 7.20 |
| 3.0m | kg | | | *5870 | *5870 | *4750 | 3960 | *3660 | 2810 | *2850 | 2720 | 7.63 |
| 1.5m | kg | | | *7130 | 5700 | *5330 | 3790 | 4150 | 2750 | *2970 | 2610 | 7.75 |
| 0.0m | kg | | | *7880 | 5470 | 5660 | 3670 | *3840 | 2700 | *3250 | 2670 | 7.56 |
| -1.5m | kg | *8290 | *8290 | *7950 | 5410 | 5610 | 3620 | | | *3800 | 2940 | 7.05 |
| -3.0m | kg | | | *7200 | 5480 | | | | | | | |

5.10 m boom, 2.60 m arm equipped with 3250 kg counter weight, 600 mm triple grouser shoe and with Dozer up.

| Lift-point height m | | | | | | | | | | At max. Reach | | |
|------------------------|----|-------|-------|-------|-------|-------|-------|-------|------|---------------|-------|------|
| | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | |
| | | | | | | | | | | | | m |
| 7.5m | kg | | | *4310 | *4310 | | | | | *3570 | *3570 | 5.00 |
| 6.0m | kg | | | | | *4130 | *4130 | | | *3050 | *3050 | 6.39 |
| 4.5m | kg | | | *4680 | *4680 | *4250 | *4250 | | | *2870 | *2870 | 7.20 |
| 3.0m | kg | | | *5870 | *5870 | *4750 | 4170 | *3660 | 2970 | *2850 | *2850 | 7.63 |
| 1.5m | kg | | | *7130 | 6000 | *5330 | 4000 | 4110 | 2900 | *2970 | 2770 | 7.75 |
| 0.0m | kg | | | *7880 | 5780 | 5610 | 3880 | *3840 | 2860 | *3250 | 2830 | 7.56 |
| -1.5m | kg | *8290 | *8290 | *7950 | 5710 | 5560 | 3830 | | | *3800 | 3110 | 7.05 |
| -3.0m | kg | | | *7200 | 5780 | | | | | | | |

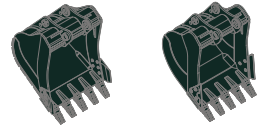
5.10 m boom, 2.60 m arm equipped with 3250 kg counter weight, 600 mm triple grouser shoe and with Dozer down.

| Lift-point height m | | | | | | | | | | At max. Reach | | |
|------------------------|----|-------|-------|-------|-------|-------|-------|-------|------|---------------|-------|------|
| | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Capacity | Reach | |
| | | | | | | | | | | | | m |
| 7.5m | kg | | | *4310 | *4310 | | | | | *3570 | *3570 | 5.00 |
| 6.0m | kg | | | | | *4130 | *4130 | | | *3050 | *3050 | 6.39 |
| 4.5m | kg | | | *4680 | *4680 | *4250 | *4250 | | | *2870 | *2870 | 7.20 |
| 3.0m | kg | | | *5870 | *5870 | *4750 | 4170 | *3660 | 2970 | *2850 | *2850 | 7.63 |
| 1.5m | kg | | | *7130 | 6000 | *5330 | 4000 | *4480 | 2900 | *2970 | 2770 | 7.75 |
| 0.0m | kg | | | *7880 | 5780 | *5760 | 3880 | *3840 | 2860 | *3250 | 2830 | 7.56 |
| -1.5m | kg | *8290 | *8290 | *7950 | 5710 | *5810 | 3830 | | | *3800 | 3110 | 7.05 |
| -3.0m | kg | | | *7200 | 5780 | | | | | | | |

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- Lifting capacity of the HX A-series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
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- (*) indicates load limited by hydraulic capacity.
- Caution: please be aware of the local regulations and instructions for lifting operations.

HX160A L / HX180A L BUCKET SELECTION GUIDE

BUCKETS



| | | |
|---------------|------|------|
| SAE heaped m³ | 0.73 | 0.88 |
| | 0.85 | 0.96 |

| Capacity m³ | Width mm | Weight kg | Tooth EA | Recommendation mm | | | | | | |
|----------------------|----------|-----------|----------|-------------------|----------|----------------|--------------|----------|---|---|
| | | | | 5100 Mono Boom | | | 5100 2-piece | | | |
| | | | | 2200 Arm | 2600 Arm | 3100 Arm | 2200 Arm | 2600 Arm | | |
| HX160 AL | | | | | | | | | | |
| Counterweight | | | | 2600 kg | | 3250 kg | | | | |
| ◆ 0.73 | 0.67 | 914 | 946 | 617 | 5 | ● | ○ | ○ | ● | ● |
| ◆ 0.85 | 0.76 | 1067 | 1098 | 669 | 5 | ○ | ■ | × | ○ | ○ |
| 0.88 | 0.77 | 1200 | 1270 | 662 | 5 | ○ | ■ | × | ○ | ○ |
| Counterweight | | | | 3250 kg | | 3250 kg | | | | |
| ◆ 0.73 | 0.67 | 914 | 946 | 617 | 5 | ● | ● | ○ | ● | ● |
| ◆ 0.85 | 0.76 | 1067 | 1098 | 669 | 5 | ○ | ○ | × | ○ | ○ |
| 0.88 | 0.77 | 1200 | 1270 | 662 | 5 | ○ | ○ | × | ○ | ○ |
| 0.96 | 0.84 | 1350 | 1420 | 726 | 6 | ■ | ■ | × | × | × |
| HX180 AL | | | | | | | | | | |
| Counterweight | | | | 2900 kg | | 3250 kg | | | | |
| ◆ 0.73 | 0.67 | 914 | 946 | 617 | 5 | ● | ● | ● | ● | ● |
| ◆ 0.85 | 0.76 | 1067 | 1098 | 669 | 5 | ● | ● | ○ | ● | ● |
| 0.88 | 0.77 | 1200 | 1270 | 662 | 5 | ● | ● | ○ | ● | ● |
| 0.96 | 0.84 | 1350 | 1420 | 726 | 6 | ○ | ○ | ■ | ● | ○ |
| Counterweight | | | | 3250 kg | | 3250 kg | | | | |
| ◆ 0.73 | 0.67 | 914 | 946 | 617 | 5 | ● | ● | ● | ● | ● |
| ◆ 0.85 | 0.76 | 1067 | 1098 | 669 | 5 | ● | ● | ○ | ● | ● |
| 0.88 | 0.77 | 1200 | 1270 | 662 | 5 | ● | ● | ○ | ● | ● |
| 0.96 | 0.84 | 1350 | 1420 | 726 | 6 | ● | ○ | ○ | ● | ○ |

◆ Hammerless tooth bucket

- Applicable for materials with density of 2100 kg/m³ or less
- Applicable for materials with density of 1800 kg/m³ or less
- Applicable for materials with density of 1500 kg/m³ or less
- ▲ Applicable for materials with density of 1200 kg/m³ or less
- × Not Recommended

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design. 5.1 m mono boom, 2-piece boom and 2.2 m, 2.6 m, 3.1 m arms are available.

HX160A L / HX180A L DIGGING FORCE

| DIGGING FORCE | | | | | | | | |
|----------------------|--------|-----|----------------|---------------|---------------|-------------------|---------------|----------------------|
| Boom | Length | mm | 5100 Mono Boom | | | 5100 2-Piece Boom | | Remark |
| | Weight | kg | 1277 | | | 1785 | | |
| Arm | Length | mm | 2200 | 2600 | 3100 | 2200 | 2600 | [] : Power Boost |
| | Weight | kg | 807 | 860 | 888 | 807 | 860 | |
| Bucket Digging Force | SAE | kN | 108.0 [117.0] | 108.0 [117.0] | 108.0 [117.0] | 108.0 [117.0] | 108.0 [117.0] | |
| | | kgf | 10987 [11930] | 11004 [11950] | 11006 [11950] | 10987 [11930] | 11004 [11950] | |
| | ISO | kN | 126.0 [137.0] | 126.0 [137.0] | 126.0 [137.0] | 126.0 [137.0] | 126.0 [137.0] | |
| | | kgf | 12872 [13980] | 12892 [14000] | 12894 [14000] | 12872 [13980] | 12892 [14000] | |
| Arm Crowd Force | SAE | kN | 87.0 [95.0] | 77.0 [84.0] | 69.0 [75.0] | 87.0 [95.0] | 77.0 [84.0] | |
| | | kgf | 8889 [9650] | 7879 [8550] | 7035 [7640] | 8889 [9650] | 7879 [8550] | |
| | ISO | kN | 92.0 [99.0] | 81.0 [88.0] | 72.0 [78.0] | 92.0 [99.0] | 81.0 [88.0] | |
| | | kgf | 9339 [10140] | 8237 [8940] | 7314 [7940] | 9339 [10140] | 8237 [8940] | |

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

HX160A L / HX180A L STANDARD/OPTIONAL EQUIPMENT

| ENGINE | STD | OPT |
|------------------------------|-----|-----|
| Engine Auto Idle | • | |
| Engine Auto Shutdown Control | • | |
| Emergency Engine Stop Switch | • | |

| HYDRAULIC SYSTEM | STD | OPT |
|--|-----|-----|
| 3-Power Mode, 2-Work Mode, User Mode | • | |
| Variable Power Control | • | |
| EPIC (Electric Pump Independent Control) | • | |
| Attachment Mode Flow Control | • | |
| Hyundai Bio Hydraulic oil (HBHO) | | • |

| CAB & INTERIOR | STD | OPT |
|--|-----|-----|
| Rise-Up Type Windshield Wiper | • | |
| Radio / USB Player | • | |
| Handsfree Mobile Phone System with USB | • | |
| 12V Power Outlet (24V DC to 12V DC converter) | • | |
| Electric Horn | • | |
| All-Weather Steel Cab with 360° Visibility | • | |
| Safety glass - Tempered glass | • | |
| Safety glass - Tempered glass with front laminated glass | | • |
| Sliding Fold-In Front Window | • | |
| Sliding Side Window (LH) | • | |
| Lockable Door | • | |
| Hot & Cool Box | • | |
| Storage Compartment | • | |
| Ashtray & Cigar Lighter | | • |
| Transparent Cabin Roof-Cover | • | |
| Sun Visor | • | |
| Door And Cab Locks, One Key | • | |
| Mechanical Suspension Seat With Heater | • | |
| Pilot-Operated Slidable Joystick | • | |
| Console Box Height Adjust System | • | |
| Air Conditioner & Heater | • | |
| Defroster | • | |
| Starting Aid (Air Grid Heater) for Cold Weather | • | |
| 8" LCD Display | • | |
| 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 | • | |
| Fuel Warmer | • | |
| Warnings | • | |
| Communication Error | • | |
| Low Battery | • | |
| Clock | • | |
| Cabin Lights | • | |
| Cabin Front Window Rain Guard | | • |
| Cabin Roof-Steel Cover | | • |
| Adjustable Air Suspension Seat With Heater | | • |
| FOG (Falling Object Guard) -ISO 10262 Level 2 | | • |
| ROPS (Roll Over Protective Structures) -ISO 12117-2 | • | |

| SAFETY | STD | OPT |
|---|-----|-----|
| Lifting Mode | • | |
| Auto Safety Lock | • | |
| Seatbelt Warning Alarm | • | |
| Battery Master Switch | • | |
| Rear View Camera | • | |
| Rear & Mirror View Camera | | • |
| AAVM (Advanced Around View Monitoring) | | • |
| Four Front Working Lights (2 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 | • | |
| Safety Valve For Dozer Blade Cylinder | | • |
| Swing Lock System | | • |
| Three Outside Rear-view Mirrors | • | |
| Front Guard - Wire Net | | • |

| ATTACHMENT | STD | OPT |
|---------------|-----|-----|
| Booms | | |
| 5.1 m Mono | • | |
| 5.1 m 2-Piece | | • |
| Arms | | |
| 2.2 m | | • |
| 2.6 m | • | |
| 3.1 m | | • |

| OTHER | STD | OPT |
|--|-----|-----|
| Fuel Pre-Filter | • | |
| Fuel Warmer | • | |
| Pre-Cleaner | | • |
| Coolant Heater | | • |
| Self-Diagnostics System | • | |
| Hi MATE (Remote Management System) | • | |
| Batteries (2 × 12 V × 72 AH) | • | |
| Fuel Filler Pump (35 lpm) with auto-stop | | • |
| Single-Acting Piping Kit | | • |
| Double-Acting Piping Kit | • | |
| Proportional Auxiliary Hydraulic System | | • |
| 2 Way Proportional RCV & Pedal Control Selection | | • |
| Rotating Piping Kit | | • |
| Bucket/Clamshell Adaptation | | • |
| Air Compressor | | • |
| Quick Coupler Piping | | • |
| Quick Coupler | | • |
| One Pedal Straight Travel System | | • |
| Accumulator For Lowering Work Equipment | • | |
| Pattern Change Valve (2 Patterns) | | • |
| Fine (Cushion/Free) Swing Control | | • |
| Tool Kit | | • |
| Dozer Blade | | • |

| UNDERCARRIAGE | STD | OPT |
|---|-----|-----|
| Lower Frame Under Cover | • | |
| Track Shoes | | |
| Triple Grousers Shoes (500 mm) | | • |
| Triple Grousers Shoes (600 mm) | • | |
| Triple Grousers Shoe (700 mm) | | • |
| Triple Grousers Shoe (800 mm) HX180A L Only | | • |
| Track Guard | • | |

* 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

Specifications and design are subject to change without notice. Pictures of Hyundai Construction Equipment Europe products may show other than standard equipment.

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