MOVING YOU FURTHER

HW140

With Tier 4 final / Stage IV Engine installed

*Photo may include optional equipment.

Net Power
SAE J1349 / 111 kW (149 HP) at 2,150 rpm

Gross Power
SAE J1995 / 117 kW (157 HP) at 2,150 rpm

Travel Speed
39 km/h (24.1 mph)

Operating Weight
13,880 kg (30,600 lb)

HYUNDAI
CONSTRUCTION EQUIPMENT

RULE THE GROUND

The HW Series excavators are products of HHI's spirit of initiative, creativity and strong drive. HHI's engineers, who are the best in the industry, have worked tirelessly to offer a zero-defect product. The new HW Series reflects customers' needs in the field gleaned by thorough monitoring. They maximize fuel efficiency and performance proven by rigorous field tests and quality control.

*Photo may include optional equipment.

RULE THE GROUND

The HW series exceeds customers' expectation!
Become a true leader on the ground with HHI's HW series.

WORK MAX, WORTH MAX

- ECO Gauge
- IPC (Intelligent Power Control)
- New Variable Power Control
- Electronic Viscous Fan Clutch
- Attachment Flow Control (Option)
- New Cooling System with Increased Air Flow
- Enlarged Air Inlet with Grill Cover
- Cycle Time Improvement

MORE RELIABLE, MORE SUSTAINABLE

- 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

INFOTAINMENT FRONTIER

- Intelligent and Wide Cluster
- Haptic Control
- Wi-Fi Direct with Smart Phone (Miracast)
- Proportional Auxiliary Hydraulic System
- New Audio System
- New Air Conditioning System

HW140

MODERN COMFORT, SIMPLE AND SAFE SOLUTION

- AAVM (Advanced Around View Monitoring) Camera System (Option)
- Easy Access to DEF/AdBlue® Supply System
- Hi MATE (Remote Management System)
- Viscous Suspension Mount
- Swing Lock System (Option)
- Fine Swing Control (Option)

*Photo may include optional equipment.

UP to **15%**
More fuel-efficient in truck loading and leveling
(Compared to 9 Series)

3%
Faster truck loading
(Compared to 9 Series)

UP to **2%**
Faster leveling
(Compared to 9 Series)

90%
Reduction in PM & NOx
(Compared to 9 Series)

*Photo may include optional equipment.

Fuel Rate Information

Cycle Time Improvement

The HW Series provides higher productivity on the site by faster operation: it loads trucks up to 3% faster and levels up to 2% faster than the 9 Series.

WORK MAX, WORTH MAX

Fuel Efficient System, Allows Great Performance

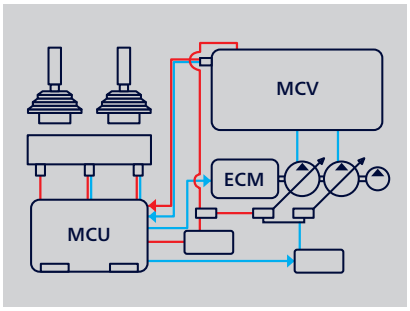
The HW Series has an ECO-friendly, high-performance engine which ensures both excellent fuel efficiency and high power. With outstanding operating performance proven by rigorous tests at various work sites, it will satisfy any customer's needs.

ECO Colored Gauge

ECO Gauge enable 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 are displayed. Hourly and daily based fuel consumption can be checked in the detailed menu as well.

IPC (Intelligent Power Control)

The IPC controls power control depending on work environments. Its mode can be selected and released on the monitor. On the excavation mode, pump flow can be easily controlled by a switch valve, reducing fuel consumption.



New Variable Power Control

The HW Series minimizes equipment input and output control signals to improve fuel efficiency. Its three-stage Power mode ensures the highest performance in any operating environment.

* 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.

Attachment Flow Control

The HW 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.

Electronic Viscous Fan Clutch

The electronic fan clutch reduces noise during operation by precisely controlling RPM depending on the hydraulic oil and coolant temperature of the working vehicle, and minimizes fuel consumption. It is also possible to shorten the warm up time of hydraulic oil.

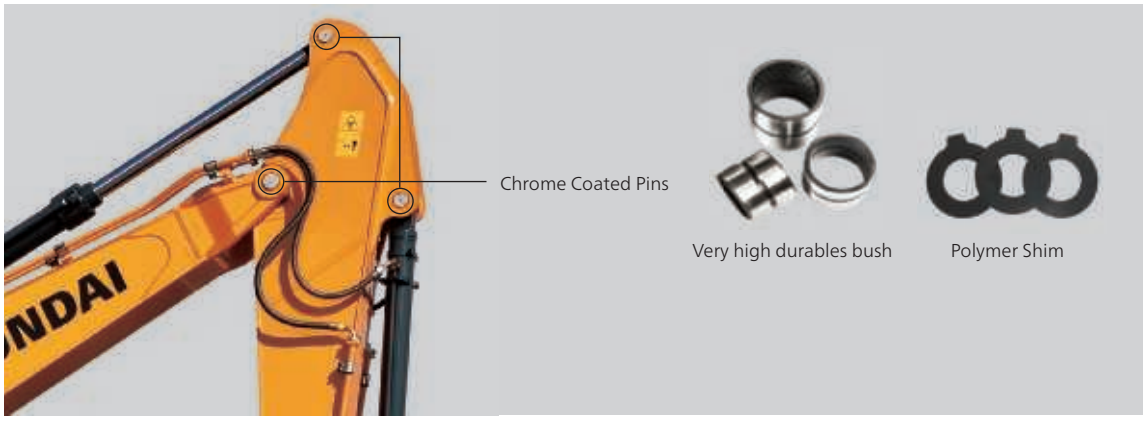
Enlarged Air Inlet with Grill Cover

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

MORE RELIABLE, MORE SUSTAINABLE

New Exterior Design for Robustness and Safety

The true value of the HW Series lies in its durability. The robust upper and lower frame structure that can endure external shock and high-load work and the attachments whose performance was proven by rigorous tests further show the real value of the HW Series in tough working environments and promise higher productivity.



Reinforced Pin, Bush and Polymer Shim

The HW 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.

Durable Cooling Module

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

Reinforced Durability of Upper and Lower Structure and Attachments

The upper and lower structure and attachments of the HW 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.

*Photo may include optional equipment.

Hi-grade (High-pressure) Hoses

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

*Photo may include optional equipment.

New Air Conditioning System

With further improved air conditioning and heating, the HW Series increases the APTC capacity by 15% to provide a pleasant environment for operators all the time. The ventilation was designed such that warm and cool air even reach operators' faces (increasing their work satisfaction) or allowing pleasant working environment.

INFOTAINMENT FRONTIER

Enhanced Instrument Panel for Easier Monitoring

Many electronic functions are concentrated on the most convenient spot for operators to ensure work efficiency. The highly-advanced infotainment system, a product of HHI's intensive information technology, enables both productivity and pleasant work at the same time! The HW Series of HHI provides higher value and pleasure to customers.

Intelligent and Wide Cluster

The 8-inch capacitive-type display (like smartphone display) of the HW Series is 30% larger than the previous model, delivering excellent legibility. The centralized switches on the display allow convenience of checking the urea level and temperature outside the cabin. The audio AUX, air conditioner, heater interoperation, wiper, lamps, overload warnings, travel alarm and inclination sensor also maximize operator's convenience.

Haptic Control

The integrated jog shuttle-type haptic controller applies to the accelerator, remote air conditioner controller and operation of the cluster, allowing convenient operation. In the event of failure of the haptic switch, the emergency mode is activated on the cluster to ensure fail-safe function.

New Audio System

Radio player, USB-based MP3 player, integrated Bluetooth hands-free feature, and built-in microphone allow convenient phone calls while in work and in transit. The radio player was moved to the right side from the rear, allowing easier access.

Wi-Fi Direct with Smart Phone (Miracast)

The Miracast system based on Wi-Fi of the operator's smart phone enables easy and convenient use of various features of the smart phone on the big screen including navigation, web surfing, viewing of videos, and listening to music. (For Android mobile phone now)

Proportional Auxiliary Hydraulic System

· Opt: Proportional control switch for better speed control
· Enlarge the operation convenience

MODERN COMFORT, SIMPLE AND SAFE SOLUTION

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 HW 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 HW 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, rear and to the right and left.

* AAVM (Advanced 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: 5 m).

Easy Access to DEF/AdBlue® Supply System

The DEF/AdBlue® tank is installed inside the tool box and its inlet is remotely located for easy access and convenient supply. Warning of overfill is given by a red lamp signal. The DEF/AdBlue® supply module is attached on the side of the fuel tank for easy maintenance and filter replacement.

Hi MATE (Remote Management System)

Hi MATE, Hyundai's proprietary remote management system, provides operators and dealer service personnel access to vital service and diagnostic information on the machine from any computer with internet access. Users can pinpoint machine location using digital mapping and set machine work boundaries, reducing the need for multiple service calls. Hi MATE saves time and money for the owner and dealer by promoting preventative maintenance and reducing machine downtime.

* Operation of the system may be affected by the condition of telecommunication signal

*Photo may include optional equipment.

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			Cummins QSB6.7
Type			Water-cooled, 4-cycle diesel, 6-cylinder in-line, Direct injection, Turbocharged, Charge air cooled, Low emission
Rated flywheel horse power	SAE	J1995 (gross)	117 kW (157 HP) at 2,150 rpm
		J1349 (net)	111 kW (149 HP) at 2,150 rpm
	DIN	6271/1 (gross)	117 kW (159 PS) at 2,150 rpm
		6271/1 (net)	111 kW (151 PS) at 2,150 rpm
Max. torque			68.6 kgf·m (496 lbf·ft) at 1,500 rpm
Bore × stroke			107 × 124 mm (4.21" × 4.88")
Piston displacement			6,700 cc (409 cu in)
Batteries			2 × 12 V × 100 Ah
Starting motor			24 V - 4.8 kW
Alternator			24 V - 95 A

HYDRAULIC SYSTEM

MAIN PUMP

Type	Two variable displacement piston pumps
Max. flow	2 × 168 ℓ/min (44.4 US gpm/37.0 UK gpm)
Sub-pump for pilot circuit	Gear pump

Cross-sensing and fuel saving pump system

HYDRAULIC MOTORS

Travel	Bent - axis pistons motor with brake valve and parking brake
Swing	Axial piston motor with automatic brake

RELIEF VALVE SETTING

Implement circuits	350 kgf/cm² (4,970 psi)
Travel	380 kgf/cm² (5,400 psi)
Power boost (boom, arm, bucket)	380 kgf/cm² (5,400 psi)
Swing circuit	285 kgf/cm² (4,050 psi)
Pilot circuit	40 kgf/cm² (570 psi)
Service valve	Installed

HYDRAULIC CYLINDERS

No. of cylinder bore × stroke	Boom: 2-105 × 1,075 mm (4.1" x 42.3")
	Arm: 1-115 × 1,138 mm (4.5" x 46.8")
	Bucket: 1-100 × 850 mm (3.9" x 33.1")
	Dozer Blade: 2-100 × 236 mm (3.9" x 9.3")
	Outrigger: 2-110 × 446 mm (4.9" x 18.7")
	2-Piece Boom: 2-105 x 975 mm (4.1" x 38.4")
	Adjust (boom): 1-145 x 613 mm (5.7" x 24.1")

DRIVES & BRAKES

4-wheel hydrostatic drive. Constant mesh, helical gear transmission provides 2 forward and reverse travel speeds.

Max. drawbar pull		8,500 kgf (18,740 lbf)
Travel speed	1st	10 km/h
	2nd	39 km/h
Gradeability		35° (70 %)

Parking brake : Independent dual brake, front and rear axle full hydraulic power brake.
- Spring released and hydraulic applied wet type multiple disk brake.
- Transmission is locked at neutral position for parking, automatically.

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)

CONTROL

Engine throttle	Electric, Dial type
Lights	Two lights mounted on the boom, one under the battery box and one under the cabin

AXLE & WHEEL

Full floating front axle is supported by center pin for oscillation. It can be locked by oscillation lock cylinders. Rear axle is fixed on the lower chassis.

Tires	10.00-20-14PR, Dual (tube type)
(Optional)	10.00-20, Dual (solid type)

STEERING SYSTEM

Hydraulically actuated, orbitrol type steering system actuates on front wheels through the steering cylinder.

Min. turning radius	6,300 mm (20' 8")

SWING SYSTEM

Swing motor	Fixed displacement axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake (option)	Multi wet disc
Swing speed	11.7 rpm

SERVICE REFILL CAPACITIES

( ): option

Re-filling		liter	US gal	UK gal
Fuel tank		270	71.3	59.4
Engine coolant		19.5	5.2	4.3
Engine oil		23.7	6.3	5.2
Swing device		3.5 (2.5)	0.92 (0.7)	0.77 (0.5)
Axle	Front	13.8	3.6	3.0
	Rear	16.1	4.3	3.5
Transmission		2.5	0.7	0.5
Hydraulic system (including tank)		210	55.5	46.2
Hydraulic tank		124	32.8	27.3
DEF/AdBlue®		27	7.1	5.9

UNDERCARRIAGE

Reinforced box-section frame is all-welded, low-stress.
Dozer blade and outriggers are available. A pin-on design.

Dozer blade	A very useful addition for leveling and back filling or clean-up work.
Outrigger	Indicated for max. operation stability when digging and lifting. Can be mounted on the front/or the rear.

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 4,600 mm (15' 1") Mono boom; 2,100 mm (6' 11") arm; SAE heaped 0.58 m³ (0.76 yd³) backhoe bucket, lubricant, coolant, full fuel tank, full hydraulic tank and all standard equipments.

OPERATING WEIGHT

Rear dozer blade	13,880 kg (30,600 lb)
Rear outriggers	14,280 kg (31,480 lb)
Front outriggers and rear blade	14,880 kg (32,800 lb)
Front blade and rear outriggers	14,880 kg (32,800 lb)
Four outriggers	14,630 kg (32,250 lb)

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

All buckets are welded with high-strength steel.

SAE heaped m³ (yd³)	0.23 (0.30)	0.40 (0.52) 0.46 (0.60)	0.52 (0.68) 0.58 (0.76)	0.65 (0.85)	0.71 (0.93)	⊙ 0.55 (0.72)	▣ 0.45 (0.59)

Capacity m³ (yd³)		Width mm (in)		Weight kg (lb)	Recommendation m (ft.in)						
					4.6 (15' 1") Mono-boom				4.9 (16' 1") 2-Piece boom		
SAE heaped	CECE heaped	Without side cutters	With side cutters		1.9 (6' 3") Arm	2.1 (6' 11") Arm	2.5 (8' 2") Arm	3.0 (9' 10") Arm	1.9 (6' 3") Arm	2.1 (6' 11") Arm	2.5 (8' 2") Arm
0.23 (0.30)	0.20 (0.26)	520 (20.5)	620 (24.4)	335 (740)	●	●	●	●	●	●	●
0.40 (0.52)	0.35 (0.46)	750 (29.5)	850 (33.5)	410 (900)	●	●	●	●	●	●	●
0.46 (0.60)	0.40 (0.52)	840 (33.1)	940 (37.0)	435 (960)	●	●	●	■	●	●	■
0.52 (0.68)	0.45 (0.59)	915 (36.0)	1,015 (40.0)	460 (1,010)	●	●	■	▲	●	■	■
0.58 (0.76)	0.50 (0.65)	1,000 (39.4)	1,100 (43.3)	480 (1,060)	●	■	■	▲	■	▲	▲
0.65 (0.85)	0.55 (0.72)	1,105 (43.5)	1,205 (47.4)	500 (1,100)	■	▲	▲	-	▲	▲	-
0.71 (0.93)	0.60 (0.78)	1,190 (46.9)	1,290 (50.8)	540 (1,190)	▲	▲	-	-	▲	-	-
▣ 0.45 (0.59)	0.40 (0.52)	1,520 (59.8)	-	410 (900)	●	●	■	-	■	■	▲
⊙ 0.55 (0.72)	0.45 (0.59)	1,800 (70.9)	-	585 (1,290)	■	▲	▲	-	■	▲	▲

▣ Ditching bucket
⊙ Slope finishing bucket

● : Applicable for materials with density of 2,000 kg /m³ (3,370 lb/ yd³) or less
■ : Applicable for materials with density of 1,600 kg /m³ (2,700 lb/ yd³) or less
▲ : Applicable for materials with density of 1,100 kg /m³ (1,850 lb/ yd³) or less

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design.
4.6 m (15' 1") Mono-boom and 4.9 m (16' 1") 2-Piece boom and 1.9 m (6' 3"); 2.1 m (6' 11"); 2.5 m (8' 2") & 3.0 m (9' 10") Arms are available.

DIGGING FORCE

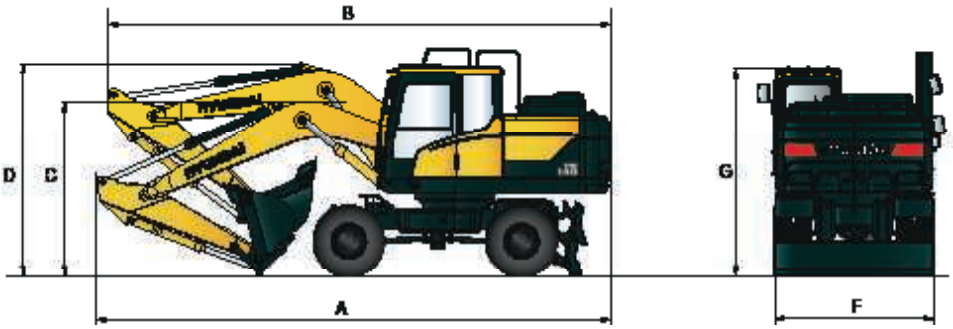
Arm	Length	mm (ft.in)	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")	3,000 (9' 10")	Remarks:
	Weight	kg (lb)	560 (1,230)	580 (1,280)	610 (1,340)	670 (1,480)	
Bucket digging force	SAE	kN	87.3 [94.8]	87.3 [94.8]	87.3 [94.8]	87.3 [94.8]	[ ]: Power Boost
		kgf	8,900 [9,660]	8,900 [9,660]	8,900 [9,660]	8,900 [9,660]	
		lbf	19,620 [21,300]	19,620 [21,300]	19,620 [21,300]	19,620 [21,300]	
	ISO	kN	102 [110.8]	102 [110.8]	102 [110.8]	102 [110.8]	
		kgf	10,400 [11,290]	10,400 [11,290]	10,400 [11,290]	10,400 [11,290]	
		lbf	22,930 [24,890]	22,930 [24,890]	22,930 [24,890]	22,930 [24,890]	
Arm crowd force	SAE	kN	76.5 [83.1]	73.6 [79.9]	62.8 [68.2]	55.9 [60.7]	
		kgf	7,800 [8,470]	7,500 [8,140]	6,400 [6,950]	5,700 [6,190]	
		lbf	17,200 [18,670]	16,530 [17,950]	14,110 [15,320]	12,570 [13,640]	
	ISO	kN	80.4 [87.3]	77.5 [84.1]	65.7 [71.4]	57.9 [62.8]	
		kgf	8,200 [8,900]	7,900 [8,580]	6,700 [7,270]	5,900 [6,410]	
		lbf	18,080 [19,630]	17,420 [18,910]	14,770 [16,040]	13,010 [14,120]	

Note : Arm weight includes bucket cylinder, linkage and pin

DIMENSIONS & WORKING RANGE

HW140 MONO BOOM DIMENSIONS

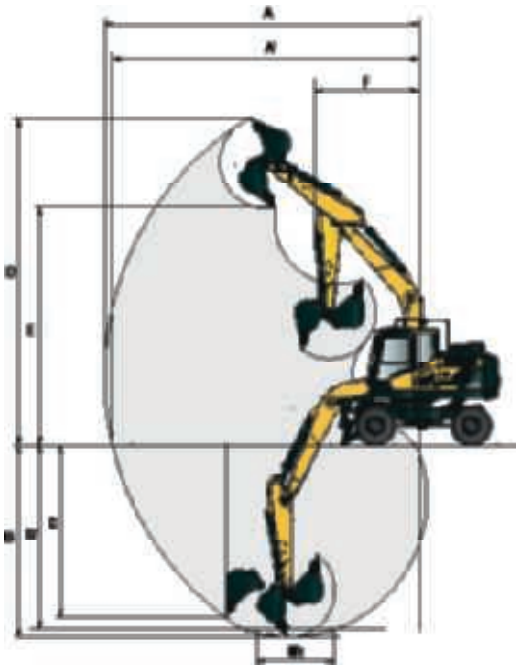
4.6 m (15' 1") Mono-boom and 1.9 m (6' 3"), 2.1 m (6' 11"), 2.5 m (8' 2") & 3.0 m (9' 10") Arm, Front outrigger and rear dozer blade.



Unit : mm (ft·in)

	Boom length	4,600 (15' 1") Mono-boom			
	Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")	3,000 (9' 10")
A	Overall length - shipping position	7,760 (25' 6")	7,820 (25' 8")	7,770 (25' 6")	7,830 (25' 8")
B	Overall length - traveling position	7,750 (25' 5")	7,760 (25' 6")	7,690 (25' 3")	7,710 (25' 4")
C	Height of attachment - shipping position	2,760 (9' 1")	2,860 (9' 5")	2,810 (9' 3")	3,100 (10' 2")
D	Height of attachment - traveling position	3,500 (11' 6")	3,500 (11' 6")	3,620 (11' 11")	3,600 (11' 10")
F	Overall width	2,500 (8' 2")	2,500 (8' 2")	2,500 (8' 2")	2,500 (8' 2")
G	Overall height of cabin	3,140 (10' 4")	3,140 (10' 4")	3,140 (10' 4")	3,140 (10' 4")

HW140 MONO BOOM WORKING RANGE



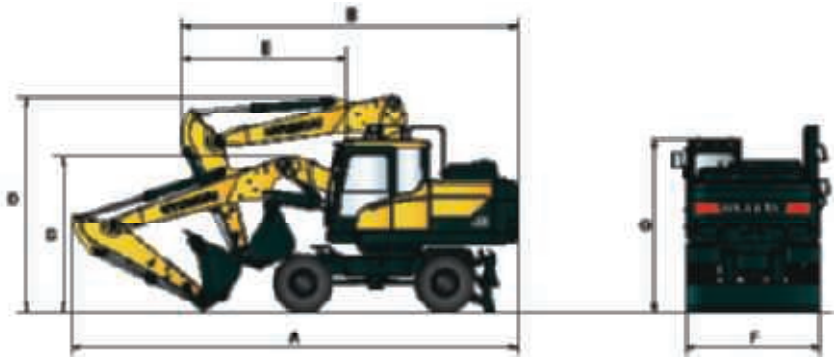
Unit : mm (ft·in)

	Boom length	4,600 (15' 1") Mono-boom			
	Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")	3,000 (9' 10")
A	Max. digging reach	7,750 (25' 5")	8,140 (26' 8")	8,320 (27' 4")	8,780 (28' 10")
A'	Max. digging reach on ground	7,530 (24' 8")	7,700 (25' 3")	8,120 (26' 8")	8,590 (28' 2")
B	Max. digging depth	4,650 (15' 3")	4,810 (15' 9")	5,250 (17' 3")	5,750 (18' 10")
B'	Max. digging depth (8' level)	4,390 (14' 5")	4,600 (15' 1")	5,040 (16' 6")	5,570 (18' 3")
C	Max. vertical wall digging depth	4,350 (14' 3")	4,190 (13' 9")	5,030 (16' 6")	5,550 (18' 3")
D	Max. digging height	8,400 (27' 7")	8,470 (27' 9")	8,790 (28' 10")	9,070 (29' 9")
E	Max. dumping height	5,960 (19' 7")	6,040 (19' 10")	6,350 (20' 10")	6,620 (21' 9")
F	Min. front swing radius	2,620 (8' 7")	2,670 (8' 10")	2,650 (8' 8")	2,670 (8' 9")

DIMENSIONS & WORKING RANGE

HW140 2-PIECE BOOM DIMENSIONS

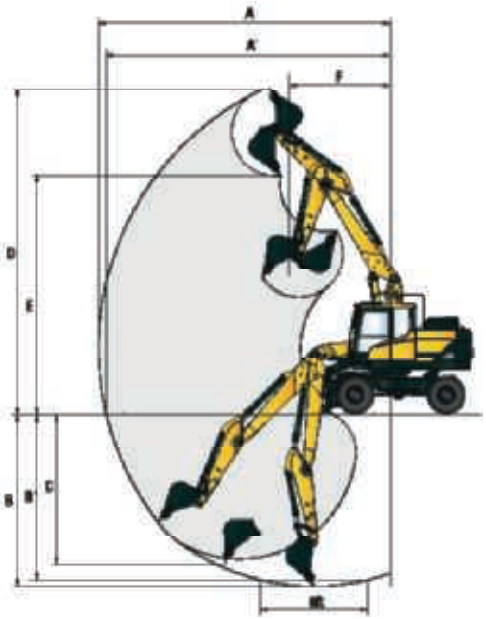
4.9 m (16' 1") 2-Piece boom and 1.9 m (6' 3"), 2.1 m (6' 11") & 2.5 m (8' 2") Arm, Front outrigger and rear dozer blade.



Unit : mm (ft·in)

	Boom length	4,900 (16' 1") 2-Piece boom		
	Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")
A	Overall length - shipping position	8,140 (26' 8")	8,170 (26' 10")	8,150 (26' 9")
B	Overall length - traveling position	6,090 (19' 12")	6,110 (20' 1")	6,130 (20' 1")
C	Height of attachment - shipping position	2,960 (9' 9")	3,060 (10' 0")	3,070 (10' 1")
D	Height of attachment - traveling position	3,980 (13' 1")	3,980 (13' 1")	3,980 (13' 1")
E	End of attachment to steering wheel	2,950 (9' 8")	2,970 (9' 9")	2,990 (9' 10")
F	Overall width	2,500 (8' 2")	2,500 (8' 2")	2,500 (8' 2")
G	Overall height of cabin	3,140 (10' 4")	3,140 (10' 4")	3,140 (10' 4")

HW140 2-PIECE BOOM WORKING RANGE

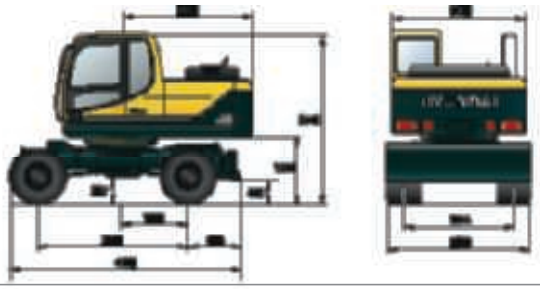


Unit : mm (ft·in)

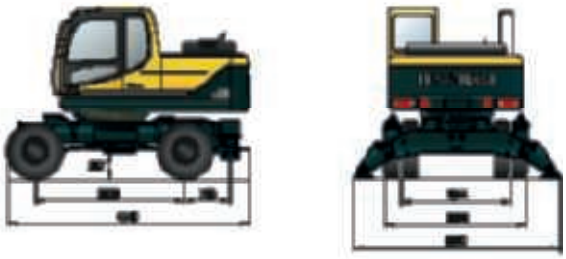
	Boom length	4,900 (16' 1") 2-Piece boom		
	Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")
A	Max. digging reach	8,140 (26' 8")	8,310 (27' 3")	8,720 (28' 7")
A'	Max. digging reach on ground	7,930 (26' 0")	8,110 (26' 7")	8,530 (28' 0")
B	Max. digging depth	4,810 (15' 9")	5,010 (16' 5")	5,410 (17' 9")
B'	Max. digging depth (8' level)	4,700 (15' 5")	4,890 (16' 1")	5,310 (17' 5")
C	Max. vertical wall digging depth	4,190 (13' 9")	4,360 (14' 4")	4,820 (15' 10")
D	Max. digging height	9,100 (29' 10")	9,180 (30' 1")	9,560 (31' 4")
E	Max. dumping height	6,620 (21' 9")	6,700 (22' 0")	7,070 (23' 2")
F	Min. front swing radius	2,660 (8' 9")	2,820 (9' 3")	2,690 (8' 10")

UNDERCARRIAGE

HW140 WITH REAR DOZER



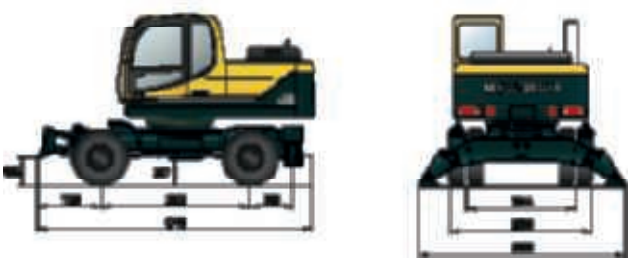
HW140 WITH REAR OUTRIGGER



HW140 WITH REAR DOZER AND FRONT OUTRIGGER

HW140 WITH REAR AND FRONT OUTRIGGER

HW140 WITH REAR OUTRIGGER AND FRONT DOZER



LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

HW140 MONO-BOOM

Boom: 4.6 m (15' 1") / Arm: 1.9 m (6' 3") / Bucket: 0.58 m³ (0.76 yd³) SAE heaped / Rear dozer blade down and 1.700 kg counterweight

Load point height m (ft)	Load radius								At max. reach		
									Capacity		Reach
Ground Line											

Boom: 4.6 m (15' 1") / Arm: 1.9 m (6' 3") / Bucket: 0.58 m³ (0.76 yd³) SAE heaped / Rear dozer blade down and 1.700 kg counterweight

Load point height m (ft)	Load radius								At max. reach		
									Capacity		Reach
Ground Line											

Boom: 4.6 m (15' 1") / Arm: 2.1 m (6' 11") / Bucket: 0.58 m³ (0.76 yd³) SAE heaped / Rear dozer blade down and 1.700 kg counterweight

Load point height m (ft)	Load radius								At max. reach		
									Capacity		Reach
Ground Line											

1. Lifting capacity are based on SAE J1097 and ISO 10567.
2. Lifting capacity of the HW series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook (standard equipment) located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

HW140 MONO BOOM

Boom: 4.6 m (15' 1") / Arm: 2.1 m (6' 11") / Bucket: 0.58 m³ (0.76 yd³) SAE heaped / Rear dozer blade down and 1.700 kg counterweight

Load point height m (ft)	Load radius								At max. reach	
									Capacity	Reach
Ground Line										

Boom: 4.6 m (15' 1") / Arm: 2.5 m (8' 2") / Bucket: 0.58 m³ (0.76 yd³) SAE heaped / Rear dozer blade down and 1.700 kg counterweight

Load point height m (ft)	Load radius								At max. reach	
									Capacity	Reach
Ground Line										

Boom: 4.6 m (15' 1") / Arm: 2.5 m (8' 2") / Bucket: 0.58 m³ (0.76 yd³) SAE heaped / Rear dozer blade down and 1.700 kg counterweight

Load point height m (ft)	Load radius								At max. reach	
									Capacity	Reach
Ground Line										

1. Lifting capacity are based on SAE J1097 and ISO 10567.
2. Lifting capacity of the HW series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook (standard equipment) located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

HW140 MONO BOOM

Boom: 4.6 m (15' 1") / Arm: 3.0 m (9' 10") / Bucket: 0.58 m³ (0.76 yd³) SAE heaped / Rear dozer blade down and 1.700 kg counterweight

Load point height m (ft)	Load radius								At max. reach		
									Capacity		Reach
Ground Line											

Boom: 4.6 m (15' 1") / Arm: 3.0 m (9' 10") / Bucket: 0.58 m³ (0.76 yd³) SAE heaped / Rear dozer blade down and 1.700 kg counterweight

Load point height m (ft)	Load radius										At max. reach		
											Capacity		Reach
Ground Line													

1. Lifting capacity are based on SAE J1097 and ISO 10567.
2. Lifting capacity of the HW series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook (standard equipment) located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

HW140 2-PIECE BOOM

Boom: 4.9 m (16' 1") / Arm: 1.9 m (6' 3") / Bucket: 0.58 m³ (0.76 yd³) SAE heaped / Rear dozer blade down and 1.700 kg counterweight

Load point height m (ft)	Load radius						At max. reach	
							Capacity	Reach
Ground Line								

Boom: 4.9 m (16' 1") / Arm: 1.9 m (6' 3") / Bucket: 0.58 m³ (0.76 yd³) SAE heaped / Rear dozer blade down and 1.700 kg counterweight

Load point height m (ft)	Load radius						At max. reach	
							Capacity	Reach
Ground Line								

Boom: 4.9 m (16' 1") / Arm: 2.1 m (6' 11") / Bucket: 0.58 m³ (0.76 yd³) SAE heaped / Rear dozer blade down and 1.700 kg counterweight

Load point height m (ft)	Load radius						At max. reach	
							Capacity	Reach
Ground Line								

1. Lifting capacity are based on SAE J1097 and ISO 10567.
2. Lifting capacity of the HW series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook (standard equipment) located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

HW140 2-PIECE BOOM

Boom: 4.9 m (16' 1") / Arm: 2.1 m (6' 11") / Bucket: 0.58 m³ (0.76 yd³) SAE heaped / Rear dozer blade down and 1.700 kg counterweight

Load point height m (ft)	Load radius						At max. reach	
							Capacity	Reach
Ground Line								

Boom: 4.9 m (16' 9") / Arm: 2.5 m (8' 2") / Bucket: 0.58 m³ (0.76 yd³) SAE heaped / Rear dozer blade down and 1.700 kg counterweight

Load point height m (ft)	Load radius								At max. reach	
									Capacity	Reach
Ground Line										

Boom: 4.9 m (16' 1") / Arm: 2.5 m (8' 2") / Bucket: 0.58 m³ (0.76 yd³) SAE heaped / Rear dozer blade down and 1.700 kg counterweight

Load point height m (ft)	Load radius								At max. reach	
									Capacity	Reach
Ground Line										

1. Lifting capacity are based on SAE J1097 and ISO 10567.
2. Lifting capacity of the HW series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook (standard equipment) located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.

ENGINE	STD	OPT
Cummins QSB 6.7 engine	●	
HYDRAULIC SYSTEM		
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		●
Electronic Fan Control	●	
CABIN & INTERIOR		
ISO Standard cabin		
Rise-up type windshield wiper	●	
Radio / USB player	●	
Handsfree mobile phone system with USB	●	
12 volt power outlet (24V DC to 12V 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	●	
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	●	
Automatic climate control		
Air conditioner & heater	●	
Defroster	●	
Starting Aid (air grid heater) for cold weather	●	
Centralized monitoring		
8" LCD display	●	
Engine speed or Trip meter/Accel.	●	
Engine coolant temperature gauge	●	
Max power	●	
Low speed/High speed	●	
Auto idle	●	
Overload	●	
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		●
Seat		
Adjustable air suspension seat with heater		●
Cabin FOPS/FOG (ISO/DIS 10262) Level 2		
FOPS (Falling Object Protective Structure) · ISO 3449 Level 2		●
FOG (Falling Object Guard)		●
Cabin ROPS (ISO 12117-2)		
ROPS (Roll Over Protective Structure)	●	

SAFETY		STD	OPT
Battery master switch		●	
Rearview camera		●	
AAVM (Advanced Around View Monitoring)			●
Four front working lights		●	
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			●
Four outside rearview mirrors		●	
OTHER			
Booms			
4.6 m; 15' 1" Mono		●	
4.9 m; 16' 1" 2-Piece			●
4.1 m; 13' 5"			●
Arms			
1.9 m; 6' 3"			●
2.1 m; 6' 11"		●	
2.5 m; 8' 2"			●
3.0 m; 9' 11"			●
Removable clean-out dust net for cooler		●	
Removable reservoir tank		●	
Fuel pre-filter		●	
Fuel warmer	single	●	
	dual		●
Self-diagnostics system		●	
Hi MATE (Remote Management System)	Mobile	●	
	Satellite		●
Batteries (2 × 12 V × 100 Ah)		●	
Fuel filler pump (35 ℓ/min)		●	
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 (2 patterns)			●
Fine Swing Control System			●
Tool kit			●
Auto cruiser system		●	
Travel pedal (2-way)			●
UNDERCARRIAGE			
Rear-dozer blade		●	
Front outrigger and rear blade			●
Front and rear outrigger			●
Front blade and rear outrigger			●
Tires-dual (10.00-20-14PR tube)		●	
Tires-dual (10.00-20 solid)			●
Fenders (Mudguards)			●

STD = Standard
OPT = Optional

* 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.
* The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant HFC-134a (Global Warming Potential = 1430). The system contains 0.65 kg of refrigerant which has a CO_2 equivalent of 0.9295 metric tonne.

HYUNDAI CONSTRUCTION EQUIPMENT

PLEASE CONTACT

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