



HYUNDAI CONSTRUCTION EQUIPMENT

HX60A SPECIFICATIONS

Net Power 63 hp (47 kW) at 2,400 rpm	Operating Weight Cabin: 13,580 lb (6,160 kg)	Bucket Breakout Force (ISO) 9,461 lbf (4,292 kgf)	Arm Crowd Force (ISO) 6,363 lbf (2,886 kgf)
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ENGINE			
Model		HYUNDAI DM02VB	
Type		4-cycle, turbocharged, intercooled, electronically controlled diesel engine	
Emissions certification		Tier 4 Final	
Rated Flywheel Horsepower	SAE	J1995 (gross)	65.0 hp (48.5 kW) at 2,400 rpm
		J1349 (net)	63.0 hp (47 kW) at 2,400 rpm
Max. torque		183 lb ft (248 Nm) at 1,600 rpm	
Bore × stroke		in (mm)	3.5 × 3.7 (90 × 94)
Piston displacement		in³ (cc)	146 (2,392)
Batteries		12 V, 100Ah	
Starting motor		12 V, 2.5 kW	
Alternator		13.5 V, 90 A	

HYDRAULIC SYSTEM		
MAIN PUMP		
Type	Variable-displacement tandem axial piston pumps	
Max. flow	gpm (ℓ/min)	2 × 16.0 (60.5) at 2,200 rpm
Sub-pump for pilot circuit (gear pumps)		2 × 14.5 (55) + 9.7 (36.6) + 2.4 (9.0)
HYDRAULIC MOTORS		
Travel	Two fixed-displacement axial piston motors	
Swing	Fixed-displacement axial piston motor	
RELIEF VALVE SETTING		
Implement circuits	psi (bar)	3,130 (220)
Travel circuit		4,980 (350)
Swing circuit		3,280 (230)
Pilot circuit		430 (30)
HYDRAULIC CYLINDERS		

Number of cylinders - bore diameter × stroke	in (mm)	Boom cylinder: 1 - 4.3 × 28.1 (110 × 715)
		Arm cylinder: 1 - 3.5 × 33.5 (90 × 850)
		Bucket cylinder: 1 - 3.1 × 26.0 (80 × 660)
		Boom swing cylinder: 1 - 3.7 × 20.7 (95 × 527)
		Dozer blade (STD): 1 - 4.3 × 8.8 (110 × 224)
		Dozer blade (angle): 1 - 4.5 × 8.3 (115 × 212)
		Angle swing cylinder: 1 - 3.7 × 13.2 (95 × 335)

COOLANT AND LUBRICANT CAPACITY			
Fuel tank	gal (ℓ)	33.0 (125)	
Engine coolant		2.9 (11)	
Engine oil		2.3 (8.6)	
Final drive (each)		0.3 (1)	
Hydraulic tank		18.5 (70)	
Hydraulic system (including tank)		31.7 (120)	

ENGINE	
Hyundai engine without DPF	●
Double-element air filter	●
Auto-idling system	●
Water separator with filter	●
HYDRAULIC SYSTEM	
Open-center hydraulic system	●
Two-speed travel with auto-shift	●
Angle dozer blade	○
Pressure accumulator	●
Proportional aux. control	●
1-way aux. hydraulic line for breaker	●
2-way aux. hydraulic line for grapple	●
4-way aux. hydraulic line for rotating	○
Diverter valve for 2-way hydraulic	●

CABIN	
ROPS (Roll-Over Protective Structure) ISO 12117-2	●
OPG (Operator Protective Guard) ISO 10262	○
FOG (Falling Object Guard)	○
Heating and air conditioning	●
Travel levers with foot pedals	●
Emergency hammer for exit	●
Power-assisted front window	●
Rearview camera	○
Travel alarm	●
LED beacon lamp	○
7" touchscreen cluster	●
Radio with USB and Bluetooth	●
12 V power socket	●
Pattern change valve switch	●
Side and rear mirrors	●
Cup holder	●
Push start with key fob	○
Horn	●

TRAVEL SYSTEM			
Drive method	Fully hydrostatic type		
Drive motor	Two fixed-displacement axial piston motors		
Reduction system	2-stage planetary		
Max. drawbar pull	lbf (kgf)	11,510 (5,221)	
Max. Travel speed	Low	mph (km/h)	1.4 (2.2)
	High		2.6 (4.2)
Gradeability	35° (70%)		
Parking brake	Automatic, spring applied hydraulic released		

CONTROLS	
Pilot pressure-operated joysticks and pedals with detachable lever provide nearly effortless and fatigueless operation.	
Pilot control	Two joysticks with one safety lever (LH) : Arm and Swing (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	9.4 rpm

UNDERCARRIAGE	
X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets, and rubber track.	
Center frame	X-leg type
Track frame	Pentagonal box type
No. of upper rollers on each side	1
No. of lower rollers on each side	5

OPERATING WEIGHT (APPROXIMATE)			
Operating weight, including 9' 10" (3,000 mm) boom, 6' 3" (1,900 mm) long arm, SAE heaped 0.24 yd ³ (0.18 m ³) digging bucket, 1' 4" (400 mm) rubber track, lubricant, coolant, full fuel tank, full hydraulic tank, 960 lb (435 kg) counterweight and all standard equipment.			
Operating weight	lb (kg)	13,580 (6,160)	
Ground pressure	psi (kgf/cm ²)	5.08 (0.36)	

● - Standard / ○ - Option

WORKING EQUIPMENT	
Pattern change valve inside cabin	●
Boom and arm safety lock valves	○
Boom swing function	●
Arm with thumb bracket	●
Long arm option	●
Hyundai quick coupler	●
Quick coupler piping	●
Additional counterweight	●
Overload warning alarm	○
2 LED work lights on boom	●
2 LED work lights on cabin	●
UNDERCARRIAGE	
Rubber track	●
Steel track	○
Roadliner track	○
TELEMATICS	
Hi MATE-Mobile (4G) Type	●

* Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards.

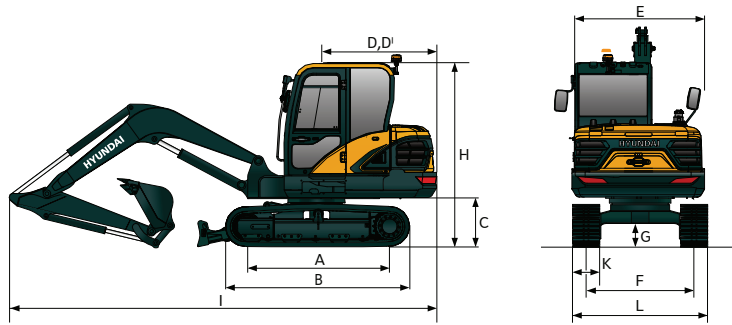
* The photos may include attachments and optional equipment that are not available in your area.

* Materials and specifications are subject to change without advance notice.

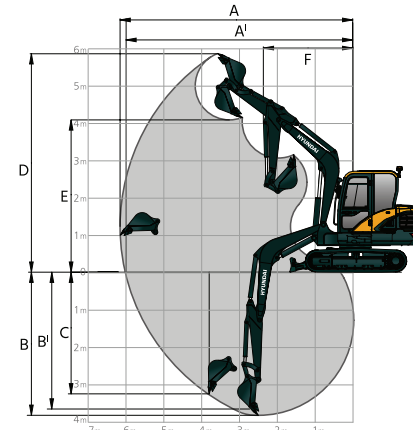
* All imperial measurements rounded off to the nearest pound or inch.

HX60A

DIMENSIONS & WORKING RANGE



DIMENSIONS		SHORT ARM	LONG ARM
A	Tumbler distance	6' 7" (2,010)	
B	Overall length of crawler	8' 4" (2,544)	
C	Ground clearance of counterweight	2' 3" (687)	
D	Tail swing radius	5' 6" (1,680)	
D'	Rear-end length	5' 6" (1,675)	
E	Overall width of upper structure	6' 1" (1,850)	
F	Track gauge	4' 11" (1,500)	
G	Min. ground clearance	11" (271)	
H	Overall height of cab	8' 6" (2,595)	
	Boom length	9' 10" (3,000)	
	Arm length	5' 3" (1,600)	6' 3" (1,900)
I	Overall length	19' 7" (5,970)	19' 8" (5,995)
K	Track shoe width	16" (400)	















WORKING RANGE		SHORT ARM	LONG ARM
A	Max. digging reach	20' 2" (6,150)	21' 2" (6,450)
A'	Max. digging reach on ground	19' 9" (6,020)	20' 9" (6,320)
B	Max. digging depth	12' 4" (3,770)	13' 4" (4,070)
B'	Max. digging depth (8' level)	11' 1" (3,380)	12' 2" (3,720)
C	Max. vertical wall digging depth	10' 7" (3,230)	11' 10" (3,600)
D	Max. digging height	18' 11" (5,760)	19' 7" (5,980)
E	Max. dumping height	13' 1" (4,000)	13' 10" (4,210)
F	Min. swing radius	7' 10" (2,375)	7' 11" (2,410)

DIGGING FORCE			STD ARM	LONG ARM
Bucket digging force	SAE	kN	37	
		lbf	8,295	
		kgf	3,763	
	ISO	kN	42	
		lbf	9,461	
		kgf	4,292	
Arm crowd force	SAE	kN	27	24
		lbf	6,126	5,459
		kgf	2,779	2,476
	ISO	kN	28	25
		lbf	6,363	5,646
		kgf	2,886	2,561

Rating over front Rating over side or 360 degree

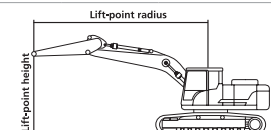
LIFTING CAPACITY

Boom: 9' 10" (3.0 m), arm: 6' 3" (1.9 m), no bucket, counterweight: 960 lb (435 kg), rubber track : 1' 4" (400 mm), dozer down position

Lift-point height ft (m)		Lift-point radius										At max. reach			
		3.3 ft (1.0 m)		6.6 ft (2.0 m)		9.8 ft (3.0 m)		13.1 ft (4.0 m)		16.4 ft (5.0 m)		Capacity		Reach	
															ft (m)
16.4 (5.0)	lb												*2,650	*2,650	11.9 (3.64)
	(kg)												*(1,200)	*(1,200)	
13.1 (4.0)	lb							*2,340	*2,340				*2,380	2,360	15.2 (4.63)
	(kg)							*(1,060)	*(1,060)				*(1,080)	(1,070)	
9.8 (3.0)	lb							*2,510	*2,510	*2,560	2,090		*2,250	1,960	17.0 (5.19)
	(kg)							*(1,140)	*(1,140)	*(1,160)	950		*(1,020)	(890)	
6.6 (2.0)	lb					*3,810	*3,810	*3,040	2,870	*2,730	2,050		*2,250	1,790	18.0 (5.47)
	(kg)					*(1,730)	*(1,730)	*(1,380)	(1,300)	*(1,240)	930		*(1,020)	(810)	
3.3 (1.0)	lb					*5,360	4,120	*3,700	2,760	*3,000	2,010		*2,380	1,720	18.2 (5.54)
	(kg)					*(2,430)	(1,870)	*(1,680)	(1,250)	*(1,360)	(910)		*(1,080)	(780)	
0.0	lb			*3,260	*3,260	*6,190	3,970	*4,140	2,650	*3,170	1,940		*2,670	1,760	17.7 (5.39)
	(kg)			*(1,480)	*(1,480)	*(2,810)	(1,800)	*(1,880)	(1,200)	*(1,440)	(880)		*(1,210)	(800)	
-3.3 (-1.0)	lb	*4,230	*4,230	*5,970	*5,970	*6,220	3,900	*4,230	2,600	*3,040	1,940		*3,040	1,940	16.4 (5.01)
	(kg)	*(1,920)	*(1,920)	*(2,710)	*(2,710)	*(2,820)	(1,770)	*(1,920)	(1,180)	*(1,380)	(880)		*(1,380)	(880)	
-6.6 (-2.0)	lb	*6,920	*6,920	*8,970	7,580	*5,470	3,950	*3,680	2,620				*3,170	2,380	14.1 (4.31)
	(kg)	*(3,140)	*(3,140)	*(4,070)	(3,440)	*(2,480)	(1,790)	*(1,670)	(1,190)				*(1,440)	(1,080)	
-9.8 (-3.0)	lb			*5,400	*5,400	*3,150	*3,150						*3,090	*3,090	9.9 (3.02)
	(kg)			*(2,450)	*(2,450)	*(1,430)	*(1,430)						*(1,400)	*(1,400)	

- Lifting capacities are based on ISO 10567.
- Lifting capacities of HX-A series do 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.

Specifications and features are subject to change without notice.



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