

Net Power
45.0 hp (33.6 Kw)
@ 2,400 rpm

Operating Weight
Cabin: 12,460 lb (5,650 kg)
Canopy: 12,150 lb (5,510 kg)

Bucket Digging Force (ISO)
8,354 lbf (3,789 kgf) *

Arm Digging Force (ISO)
5,008 lbf (2,308 kgf)*

ENGINE			
Model	YANMAR / 4TNV86CT		
Emissions certification	Tier 4 Final		
Output	SAE	J1995 (gross)	47.6 hp (35.5 kW) @ 2,400 rpm
		J1349 (net)	45.0 hp (33.6 kW) @ 2,400 rpm
Piston displacement	in ³ (cc)	127.6 (2,091)	
Number of cylinders	4		
Bore × Stroke	in (mm)	3.39" (86) × 3.54" (90)	

HYDRAULIC SYSTEM			
Pump type	Load sensing system		
Maximum flow	gpm (ℓ/min)	36.5 (138)	
HYDRAULIC MOTORS			
Travel	Two fixed-displacement axial piston motors		
Swing	Fixed-displacement axial piston motor		
RELIEF VALVE SETTINGS			
Implement circuits	3,613 (254)		
Travel circuit	psi (bar)	4,060 (285)	
Swing circuit	4,980 (350)		
HYDRAULIC CYLINDERS			
Number of cylinders – Bore × diameter × stroke	Boom cylinder	in (mm)	1–3.7" × 25.3" (95 × 643)
	Arm cylinder		1–3.3" × 28.0" (85 × 710)
	Bucket cylinder		1–3.1" × 23.2" (80 × 590)
	Boom swing cylinder		1–3.1" × 20.7" (80 × 525)
	Dozer cylinder		1–4.5" × 8.3" (115 × 212)
	Angle dozer cylinder		1–4.5" × 8.3" (115 × 212)
	Angle swing cylinder		1–3.7" × 13.2" (95 × 335)

SWING SYSTEM			
Swing motor	Fixed-displacement axial piston motor		
Swing reduction	2-stage planetary		
Swing brake	Multi wet disc		
Swing speed	rpm	10.1	

ENGINE	
Electronically controlled Yanmar engine	●
Double-element air filter	●
Auto-idling system	●
Water separator with filter	●
Electric fuel filler pump	○

HYDRAULIC SYSTEM	
Load-sensing hydraulic system	●
Two-speed travel with auto-shift	●
Floating dozer blade	●
Angle dozer blade	○
Proportional aux. control	●
2-way aux. hydraulic line for grapple	●
4-way aux. hydraulic line for rotating	○
Divert valve for 2-way hydraulic	●
Adjustable aux. flow on cluster	●

CABIN	
ROPS (Roll-Over Protective Structure, ISO3471)	●
OPS (Operator Protective Structure) Level 1	●
FOG (Falling Object Guard)	○
Adjustable mechanical suspension seat with leather cover	●
Retractable seatbelt with warning alarm	●
Heating and air conditioning	●
Travel levers with foot pedals	●

CABIN	
Emergency hammer for exit	●
Power-assisted front window	●
Rearview camera	○
Travel alarm	●
LED beacon lamp	○
5" digital cluster with IP68 water & dust proof	●
Radio with USB	●
12 V power socket	●
Side and rear mirrors	●
Cup holder	●
Pattern change valve inside cabin	●
Horn	●

CANOPY	
ROPS (Roll-Over Protective Structure, ISO3471)	●
OPS (Operator Protective Structure) Level 1	○
FOG (Falling Object Guard)	○
Adjustable mechanical suspension seat	●
Retractable seatbelt with warning alarm	●
Travel levers with foot pedals	●
5" Digital cluster with IP68 water & dust proof	●
12 V power socket	●
Side mirror	●
Cup holder	●

TRAVEL SYSTEM			
Drive motor	Two fixed-displacement axial piston motors		
Drive method	Fully hydrostatic type		
Reduction system	2-stage planetary		
Max. travel speed	Low	mph (km/h)	1.6 (2.6)
	High	mph (km/h)	2.9 (4.7)
Max. drawbar pull	lbf (kgf)		12,480 (5,662)
Gradeability	degrees (%)		35° (70%)
Parking brake	Automatic, spring applied hydraulic released		

PILOT CONTROLS		
Two joysticks with one safety lever (ISO)	Left hand	Arm and Swing
	Right hand	Boom and Bucket (ISO)
Traveling and steering	Two levers with pedals	
Engine throttle	Electric, dial type	

COOLANT & LUBRICANT CAPACITY	
Fuel tank	33.0 (125)
Engine coolant	3.0 (11.5)
Engine oil	gal (ℓ) 2.0 (7.4)
Final drive (each)	0.3 (1)
Hydraulic tank	11.6 (44)

UNDERCARRIAGE	
No. of upper rollers on each side	1
No. of lower rollers on each side	5

OPERATING WEIGHT (APPROXIMATE)		
Operating weight including 9'6" (2908 mm) boom 5' 5" (1,650 mm) long arm, SAE heaped 0.20 yd ³ (0.15 m ³) digging bucket 24" (606 mm) rubber track, lubricant, coolant, full fuel tank, full hydraulic tank, 1,430 lb (650 kg) counterweight and all standard equipment.		
Operating weight	lb (kg)	12,460 (5,650)
Ground pressure	psi (kgf/cm ²)	4.65 (0.33)

●: Standard / ○: Option

WORKING EQUIPMENT	
Compact radius	●
Boom swing function	●
Arm with thumb bracket	○
Standard arm 4' 7" (1,400 mm)	○
Long arm 5' 5" (1,650 mm)	●
Thumb bracket on arm	○
Hyundai quick coupler	○
Factory fit thumb	○
Quick coupler piping	○
Additional counterweight	○
Safety valves for boom/arm/dozer	○
Overload warning alarm	○
Travel and swivel motor with discs brake	●
1 LED work light on boom	●
2 LED work lights on cabin	○

UNDERCARRIAGE	
Rubber track 1' 4" (400 mm)	●
Steel track 1' 4" (400 mm)	○
Interchangeability between rubber and steel track	●

TELEMATICS	
Hi MATE-Mobile (4G) Type	○

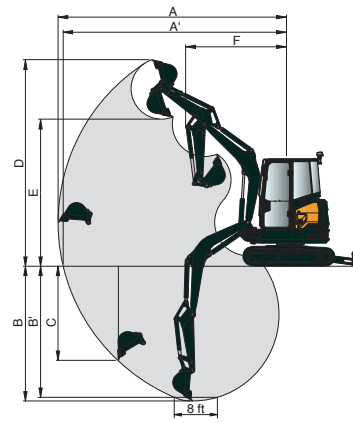
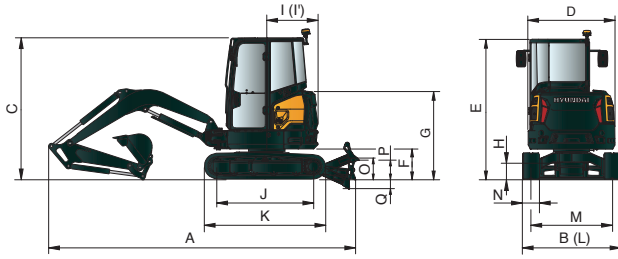
* Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards.

* 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.

HX55^{ACR} DIMENSIONS & WORKING RANGE



DIMENSIONS

Parameter	Unit	Value	Value (Metric)
Operating weight (cabin)	lb (kg)	12,460	(5,650)
A Overall length		18' 1"	(5,510)
B Overall width		6' 7"	(2,000)
Overall width with dozer		6' 7"	(2,000)
C Overall height		8' 5"	(2,555)
D Overall width of upper structure		6' 1"	(1,850)
E Overall height of cab		8' 5"	(2,555)
F Ground clearance of counterweight		2' 0"	(608)
G Overall height of engine hood		5' 3"	(1,605)
H Minimum ground clearance	ft in	0' 8"	(215)
I Rear-end swing radius	(mm)	3' 10"	(1,175)
J Distance between tumbler		6' 7"	(2,000)
K Undercarriage length (without grouser)		8' 3"	(2,515)
L Undercarriage width		6' 7"	(2,000)
M Track gauge		5' 3"	(1,600)
N Track shoe width, standard		1' 4"	(400)
O Height of blade		1' 2"	(350)
P Ground clearance of blade up		1' 4"	(410)
Q Depth of blade down (standard blade)		1' 11"	(580)
Depth of blade down (angle blade)		2' 2"	(670)
Swing speed	rpm	10	
Gradeability	Degree (%)	35°	(70%)
Max traction force	lb (kg)	12,480	(5,662)

WORKING RANGE

Parameter	LONG ARM	STD ARM
A Max digging reach	20'5 (6,230)	19' 8" (5,990)
A' Max digging reach on ground	20'0 (6,100)	20' 2" (6,850)
B Max digging depth	12'4 (3,750)	12' 6" (3,500)
B' Max digging depth (8 ft level)	ft in 11'1 (3,380)	11' 2" (3,095)
C Max vertical wall digging depth	(mm) 9'6 (2,900)	8' 8" (2,650)
D Max digging height	18'10 (5,740)	18' 10" (5,740)
E Max dumping height	13'3 (4,035)	13' 8" (4,865)
F Min swing radius	8'6 (2,580)	8' 6" (2,580)

DIGGING FORCE

Parameter	Standard	LONG ARM		LONG ARM NO Q/C	
		kN	kgf	kgf	
Bucket digging force	SAE	34	3,506	3,835	
		lb	7,730	8,454	
	ISO	37	3,789	4,340	
		lb	8,354	9,567	
	Arm crowd force	SAE	22	2,271	2,392
			lb	5,007	5,273
ISO		23	2,308	2,457	
		lb	5,008	5,417	

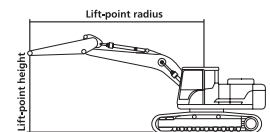
LIFTING CAPACITY

Cabin, 9' 2" (2.8 m) boom, 5' 5" (1.65 m) arm, 16" (400 mm) rubber track, no bucket, dozer down position. Rating over front Rating over side or 360 degree

Lift-point height ft (m)	Lift-point radius										At maximum 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	
											lb (kg)	ft (m)	
13.1 ft (4.0 m)	lb						*2,120	*2,120			*2,250	2,030	14.1 (4.30)
	(kg)						*(960)	*(960)			*(1,020)	(920)	
9.8 ft (3.0 m)	lb						*2,140	*2,140			*2,160	1,610	16.2 (4.95)
	(kg)						*(970)	*(970)			*(980)	(730)	
6.6 ft (2.0 m)	lb				*3,260	*3,260	*2,560	2,200	*2,270	1,570	*2,120	1,430	17.3 (5.28)
	(kg)				*(1,480)	*(1,480)	*(1,160)	(1,000)	*(1,030)	(710)	*(960)	(650)	
3.3 ft (1.0 m)	lb				*4,670	3,200	*3,090	2,120	*2,470	1,520	*2,230	1,390	17.6 (5.36)
	(kg)				*(2,120)	(1,450)	*(1,400)	(960)	*(1,120)	(690)	*(1,010)	(630)	
0.0 ft (0.0 m)	lb				*5,290	3,090	*3,440	2,050	*2,560	1,500	*2,400	1,430	17.1 (5.20)
	(kg)				*(2,400)	(1,400)	*(1,560)	(930)	*(1,160)	(680)	*(1,090)	(650)	
-3.3 ft (-1.0 m)	lb	*4,010	*4,010	*5,250	*5,250	*5,110	3,060	*3,400	2,030		*2,490	1,590	15.7 (4.79)
	(kg)	*(1,820)	*(1,820)	*(2,380)	*(2,380)	*(2,320)	(1,390)	*(1,540)	(920)		*(1,130)	(720)	
-6.6 ft (-2.0 m)	lb	*6,990	*6,990	*7,010	6,170	*4,170	3,110	*2,510	2,070		*2,490	2,070	13.2 (4.01)
	(kg)	*(3,170)	*(3,170)	*(3,180)	(2,800)	*(1,890)	(1,410)	*(1,140)	(940)		*(1,130)	(940)	

- 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.



HYUNDAI

CONSTRUCTION EQUIPMENT



Printed in U.S.A.

building a comfortable tomorrow

6100 Atlantic Blvd., Norcross, GA 30071. TEL (678) 823-7777, FAX (678) 823-7778

HX55^{ACR} EX-SP 10/2024 AS v4