

HYUNDAI

HT38 SPECIFICATIONS

Net Power	Operating Weight	Rated Operating Capacity
102.6 hp (76.5 kW) at 2,400 rpm	12,785 lb (5,799 kg)	3,806 lb (1,727 kg)

ENGINE	
Make	HYUNDAI
Model	D34
Emissions certification	EPA Tier 4 Final / EU Stage V
Number of cylinders	4
Rated power, gross (hp per SAE J1995)	115.3 hp (86 kW) @ 2,400 rpm
Rated power, net (hp per SAE J1349)	102.6 hp (76.5 kW) @ 2,400 rpm
Maximum torque, gross (SAE J1995)	339.2 lbf·ft (46.9 kfg·m) @ 1,400 rpm
Displacement	208 in³ (3.4 L)
Bore and stroke	3.86 in x 4.45 in (98 mm x 113 mm)
Starter	12 V, 4.5 hp (3.3 kW)
Battery	12 V, 150 AH
Asperation	Turbocharged
Alternator	12 V, 140 A
Air filter	PowerCore
Aftertreatment	DOC, SCR (no DPF)

OPERATING SPECIFICATION	
Operating weight	12,785 lb (5,799 kg)
Breakout force (bucket)	6,649.1 lbf (3,016 kgf)
Breakout force (lift arm)	6,761.6 lbf (3,067 kgf)
Tractive force	45.6 lbf (27.0 kN)
Lift arm path	Vertical

RATED OPERATING CAPACITY*	
35% tipping load	3,806 lb (1,727 kg)
Tipping load	10,875.4 lb (4,933 kg)

*With optional 4,000 lb (1,814 kg) counterweight

CABIN	
ROPS	ISO1347:2008
FOPS	ISO3449:2005, Level1

UNDERCARRIAGE	
Track width	15.7" (400 mm) / 17.7" (450 mm)
Ground pressure	5.7 psi (0.39 bar) 5.1 psi (0.35 bar)
No. of track rollers (per side)	5
Travel speed (2-speed) low	6.1 mph (9.8 km/h)
Travel speed (2-speed) high	9.2 mph (14.8 km/h)
Track tension type	Grease
Front idler	Double (std.) / triple (opt.)
Rear idler	Single (std.) / triple (opt.)

HYDRAULIC SYSTEM	
HYDRAULIC FLOW - BASIC	
Hydraulic pressure	3,336 psi (23,000 kPa)
Hydraulic flow	22.7 gpm (86 L/min)
HYDRAULIC FLOW - HIGH-FLOW	
Hydraulic pressure	4,061 psi (28,000 kPa)
Hydraulic flow	40 gpm (151.2 L/min)

CAPACITY	
Fuel tank	32.8 gal (118 L)
DEF tank	4.0 gal (15 L)
Cooling system (radiator capacity)	3.7 gal (14 L)
Engine oil	3.9 gal (14.6 L)
Hydraulic tank	10.6 gal (40 L)
Hydraulic system	19.2 gal (72.7 L)

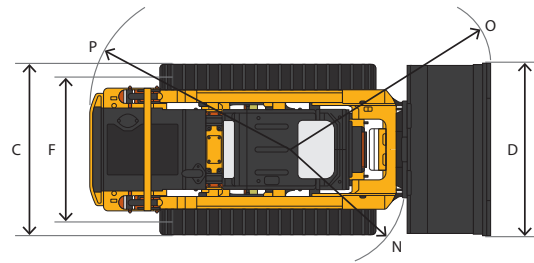
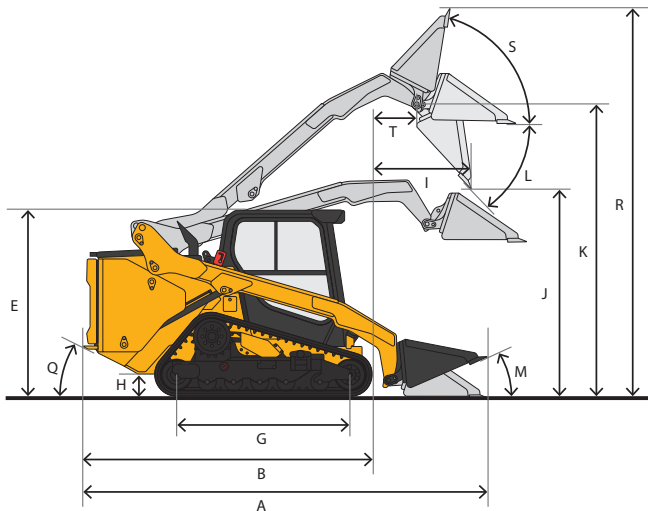
SOUND	
Inside cab (ISO 6396:2008)	75 dB(A)
Outside cab (EU Directive 2000/14/EC)	101 dB(A)

STANDARD EQUIPMENT		
• Enclosed Cab (ROPS/FOPS) • Polycarbonate Front Door • Rearview Mirror • Air Conditioner and Heater • High-visibility 2" Retractable Seat Belt • Heated Air-suspension Seat • 12 V Electric Outlet / USB Outlet / Cup Holder • 8" Touch-screen Monitor • Integrated Bluetooth and Radio • Rearview Camera • Accelerator / Decelerator Foot Throttle • Interior Cab Light / Courtesy Light	• Horn / Backup Alarm • Working Lamp (Front 2 / Rear 2) • Telematics (Hyundai Connect) • Hydraulic Quick Coupler • Pattern Change (ISO, H) • 14-pin Coupler for Attachments • Boom Float Function • Ride Control • Creep Control • Torsion Suspension System • Two-speed Travel • Multi-bar Pattern Wide Track 17.7" (450 mm)	• Smart Assist Features - Auto Self-leveling (Up and Down) - Bucket Shake - Attachment Positioner - Auto Return-to-dig - Lift Arm End-damping • Reversible Fan • Triple-flange Idler • High-flow Hydraulics

OPTIONAL EQUIPMENT
• Around-view Camera with Ultrasonic Sensor • 300 lb (136 kg) Additional Counterweight • Beacon Lamp • Block Heater(110 V) • Front Dual Rear Single-flange Idler • And Much More

HX38 DIMENSIONS

DIMENSIONS



Unit : in (mm)

DIMENSIONS		
A	Length w/bucket on ground	165.7" (4,210 mm)
B	Length w/o bucket	132.8" (3,372 mm)
C	Vehicle width	15.7 in (400 mm) shoe
		17.7 in (450 mm) shoe
D	Width with bucket	80" (2,032 mm)
E	Height to top of cab	84.0" (2,133 mm)
F	Track tread	61.1" (1,551 mm)
G	Length of track on ground	70.0" (1,767 mm)
H	Ground clearance	9.7" (247 mm)
I	Reach at max. lift and dump	46.3" (1,175 mm)
J	Height at max. lift and dump	96.7" (2,457 mm)
K	Hinge pin height at max. lift	129.1" (3,280 mm)
L	Max. dump angle	40.8°
M	Rollback angle on ground	25°
N	Turning radius from center - coupler	62.3" (1,583 mm)
O	Turning radius from center - bucket	99.9" (2,537 mm)
P	Turning radius from center - machine rear	75.7" (1,922 mm)
Q	Rear departure angle	31.6°
R	Max. overall height	169.4" (4,304 mm)
S	Rack back angle at max height	85.9°
T	Bucket pin reach at max lift	20.1" (510 mm)

HYUNDAI

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



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