

HS120V skid Steer

Powered By Hyundai Performance Series Engine

Net Power
69.7 HP (52.0 kW) / 2,200 rpm

Standard Bucket
0.58 yd³ (0.44 m³)

Rated Operating Capacity
3,847 kg (8,481 lb)

ENGINE		
Make	Hyundai	
Model	4HT14	
Emissions Certification	EPA Tier 4-Final	
Type	Water-cooled, 4-cycle, turbocharged, electronic controlled, diesel engine	
Gross Power (SAE J1995)	hp (kW)	73.6 (54.9)
Net Power (SAE J1349)	hp (kW)	69.7 (52.0)
Max. Power	hp (kW)	73.6 (54.9)
Rated Revolution	rpm	2,400
Peak Gross Torque	Nm (lbf-ft)	274 (202)
Peak Torque rpm	rpm	1,500
Displacement	cc (cu in)	2,435 (148.6)
Number of Cylinders	4	
Bore	mm (inch)	87 (3.4")
Stroke	mm (inch)	102.4 (4.0")

OPERATING SPECIFICATION		
Operating Weight	kg (lb)	3,847 (8,481)
Breakout Force (Bucket)	kgf (lbf)	2,870 (6,327)
Breakout Force (Lift Arm)	kgf (lbf)	1,975 (4,354)
Traction Force	kgf (lbf)	3,853 (8,494)
Lift Arm Path	Vertical	
Control	ISO Pilot	

RATED OPERATING CAPACITY		
50% Tipping Load	kg (lb)	1,220 (2,690)
Tipping Load	kg (lb)	2,440 (5,380)

BUCKET CAPACITY		
Heaped	m ³ (yd ³)	0.44 (0.58)
Struck	m ³ (yd ³)	0.35 (0.46)

CABIN	
ROPS	ISO 3471
FOPS	ISO 3449

POWER TRAIN		
Tire	12-16.5 12PR	
Travel Speed (1-Speed)	km/h (mph)	12.8 (8.0)
Travel Speed (2-Speed) Low	km/h (mph)	11.5 (7.1)
Travel Speed (2-Speed) High	km/h (mph)	19.4 (12.1)

HYDRAULIC SYSTEM		
HYDRAULIC FLOW - BASIC		
Hydraulic Pressure	bar (psi)	230 (3,335)
Hydraulic Flow	lpm (gpm)	82.9 (21.9)

CAPACITY		
Fuel Tank	liter (US gal)	100 (26.4)
Engine Oil (Filter Included)	liter (US gal)	9.0 (2.4)
Engine Coolant (Only Engine)	liter (US gal)	4.2 (1.1)
Hydraulic Tank	liter (US gal)	38 (10.0)
Chain Box (Each Side)	liter (US gal)	13 (3.4)

SOUND		
Inside Cab (ISO 6396:2008)	dB	80
Outside Cab	dB	101

*No DEF Fluid required

EQUIPMENT

STANDARD EQUIPMENT	
• Enclosed Cab (ROPS/FOPS)	• Hydraulic Quick Coupler
• Mechanical Suspension Seat	• Heavy-duty Tire 12-16.5
• 3" Retractable Seat Belt	• Boom Float Function
• 12V Electric Outlet / USB Outlet	• Dual Air-Cleaner Elements
• Air Conditioner & Heater	• Rearview Camera
• Horn / Backup Alarm	• Bucket Self-leveling (Up Only)
• Driving Lamp (Rear 2)	• Rearview Mirror
• Working Lamp (Front 2)	• Multifunction Lever
• Dial and Foot Throttle	• Interior Cab Light/Courtesy Light

OPTIONAL EQUIPMENT	
• 2" Retractable Seat Belt*	• Mech. Suspension Seat
• Side Mirrors	• Polycarbonate Front Door*
• License Lamp	• Bluetooth/USB Radio
• Beacon Lamp	• Telematics (Hi-MATE)
• Driving Lamp (Front 2/Rear 2)	• 14-pin Coupler for Attachments
• Working Lamp (Front 2/Rear 2)	• Two-Speed Travel
• Mechanical Quick Coupler*	• Ride Control System
• Solid Tire Options	• Fire Extinguisher
• Additional Counterweight	• Tool Kit

... and much more.

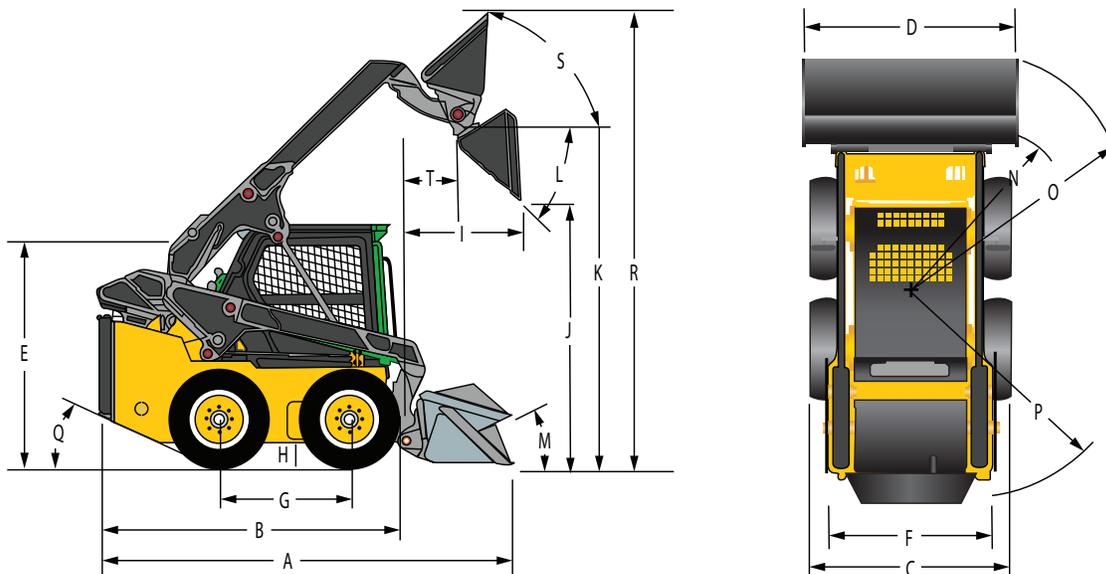
* Factory Option

SPECIFICATIONS HS120V

Powered By Hyundai Tier 4 Final Engine

DIMENSIONS

All dimensions are approximate.



Unit: mm (ft in)

DIMENSIONS		HS120V
A	Length w/bucket on ground	3,675 (12' 1")
B	Length w/o bucket	2,960 (9' 9")
C	Vehicle width over tire	1,820 (6' 0")
D	Width with bucket	1,890 (6' 2")
E	Height to top of cab	2,161 (7' 1")
F	Wheel tread	1,513 (5' 0")
G	Wheelbase	1,200 (3' 11")
H	Ground clearance	195 (0' 8")
I	Reach at max. lift and dump	949 (3' 1")
J	Height at max. lift and dump	2,473 (8' 1")
K	Hinge pin height at max. lift	3,215 (10' 7")
L	Max. dump angle	44.3°
M	Rollback angle on ground	29°
N	Turning radius from center - coupler	1,548 (5' 1")
O	Turning radius from center - bucket	2,170 (7' 1")
P	Turning radius from center - machine rear	1,850 (6' 1")
Q	Rear departure angle	25°
R	Max. overall height	4,068 (13' 4")
S	Rack back angle at max height	88.3°
T	Bucket pin reach at maximum lift	414 (1' 4")

 **HYUNDAI**
CONSTRUCTION EQUIPMENT

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