

HYUNDAI

HS120V skid Steer

Powered By Hyundai Performance Series Engine

SPECIFICATIONS

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 | N·m (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 | m³ (yd³) | 0.44 (0.58) |
| Struck | m³ (yd³) | 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 | |
| • Bluetooth/USB Radio | • Telematics (Hi-MATE) | |
| • Two-Speed Travel | • 14-pin Coupler for Attachments | |
| • Ride Control System | | |

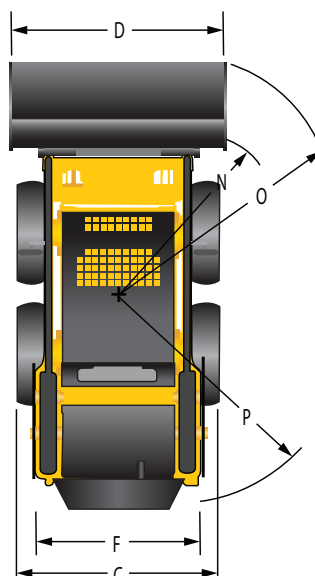
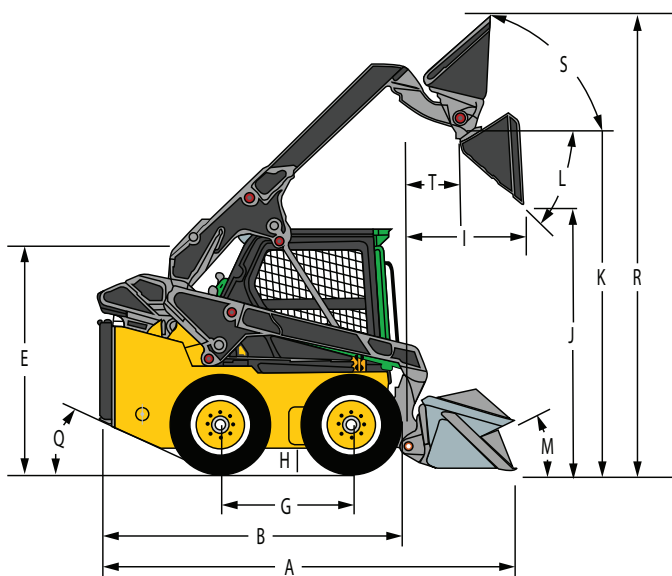
| OPTIONAL EQUIPMENT | | |
|---------------------------------|-----------------------------|------------------|
| • 2" Retractable Seat Belt* | • Polycarbonate Front Door* | |
| • Side Mirrors | • Fire Extinguisher | |
| • License Lamp | • Tool Kit | |
| • Beacon Lamp | ... and much more. | |
| • Driving Lamp (Front 2/Rear 2) | | * Factory Option |
| • Working Lamp (Front 2/Rear 2) | | |
| • Mechanical Quick Coupler* | | |
| • Solid Tire Options | | |
| • Additional Counterweight | | |

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

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