

# SPECIFICATIONS

## HS120V Skid Steer



**HD** HYUNDAI  
CONSTRUCTION EQUIPMENT

Powered By Hyundai Performance Series Engine

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

**Standard Bucket**  
0.58 yd<sup>3</sup> (0.44 m<sup>3</sup>)

**Rated Operating Capacity**  
2,690 lbs (1,220 kg)

### ENGINE

|                         |                                |                               |
|-------------------------|--------------------------------|-------------------------------|
| Make/Model              | Hyundai / 4HT14                |                               |
| Emissions Certification | EPA Tier 4-Final               |                               |
| Output                  | SAE J1995 Gross                | 73.6 hp (54.9 kW) / 2,400 rpm |
|                         | SAE J1349 Net                  | 69.7 hp (52 kW) / 2,400 rpm   |
| Displacement            | 148.6 cu in (2,435 cc)         |                               |
| Number of Cylinders     | 4 cylinders                    |                               |
| Bore x Stroke           | 3.4" (87 mm) x 4.0" (102.4 mm) |                               |
| Aspiration              | Turbocharged                   |                               |
| After treatment         | DOC, DPF (No DEF)              |                               |

### LOADER PERFORMANCE

|                                               |                      |                       |
|-----------------------------------------------|----------------------|-----------------------|
| Rated Operating Capacity<br>~35% tipping load | 1,883 lbs (854 kg)   |                       |
| Rated Operating Capacity<br>~50% tipping load | 2,690 lbs (1,220 kg) |                       |
| Breakout Force                                | Bucket               | 6,327 lbf (2,870 kgf) |
|                                               | Lift Arm             | 4,354 lbf (1,975 kgf) |
| Lift Arm Path                                 | Vertical             |                       |
| Control                                       | ISO Pilot            |                       |

### UNDERCARRIAGE

|                        |                       |                     |
|------------------------|-----------------------|---------------------|
| Standard tire size     | 12-16.5 12PR          |                     |
| Travel Speed (1-Speed) | 8.0 mph (12.8 km/h)   |                     |
| Travel Speed (2-Speed) | Low                   | 7.1 mph (11.5 km/h) |
|                        | High                  | 9.4 mph (12.1 km/h) |
| Traction Force         | 8,494 lbf (3,853 kgf) |                     |
| Ground Clearance       | 8" (195 mm)           |                     |

### HYDRAULIC SYSTEM (STANDARD)

|                    |                     |
|--------------------|---------------------|
| Hydraulic Flow     | 21.9 gpm (82.9 lpm) |
| Hydraulic Pressure | 3,335 psi (230 bar) |

### SERVICE REFILL CAPACITIES

|                                    |                       |
|------------------------------------|-----------------------|
| Hydraulic System                   | 10.0 gal (38 liters)  |
| Engine oil                         | 2.4 gal (9 liters)    |
| Engine coolant (Radiator Included) | 2.7 gal (10.4 liters) |
| Fuel tank                          | 26.4 gal (100 liters) |

### OPERATOR STATION

|                         |                     |
|-------------------------|---------------------|
| Type                    | Open and Closed Cab |
| Sound Inside Closed Cab | 80 dB               |
| ROPS                    | ISO 3471            |
| FOPS                    | ISO 3449            |

### OPERATING WEIGHT

|            |                      |
|------------|----------------------|
| Open Cab   | Coming Soon          |
| Closed Cab | 8,481 lbs (3,847 kg) |

## EQUIPMENT

### STANDARD EQUIPMENT

- Enclosed Cab (ROPS/FOPS)
- Mechanical Suspension Seat
- 3 Retractable Seat Belt
- 12V Electric Outlet / USB Outlet
- Air Conditioner & Heater
- Horn / Backup Alarm
- Driving Lamp (Rear 2)
- Working Lamp (Front 2)
- Dial and Foot Throttle
- Bluetooth/USB Radio
- Two-Speed Travel
- Ride Control System
- Hydraulic Quick Coupler
- Heavy-duty Tire 12-16.5
- Boom Float Function
- Dual Air-Cleaner Elements
- Rearview Camera
- Bucket Self-leveling (Up Only)
- Rearview Mirror
- Multifunction Lever
- Interior Cab Light/Courtesy Light
- Telematics (Hi-MATE)
- 14-pin Coupler for Attachments
- Ride Control

### OPTIONAL EQUIPMENT

- 2 Retractable Seat Belt\*
- Side Mirrors
- License Lamp
- Beacon Lamp
- Driving Lamp (Front 2/Rear 2)
- Working Lamp (Front 2/Rear 2)
- Mechanical Quick Coupler\*
- Additional Counterweight
- Polycarbonate Front Door\*
- Fire Extinguisher
- Tool Kit
- ... and much more.
- \* Factory Option

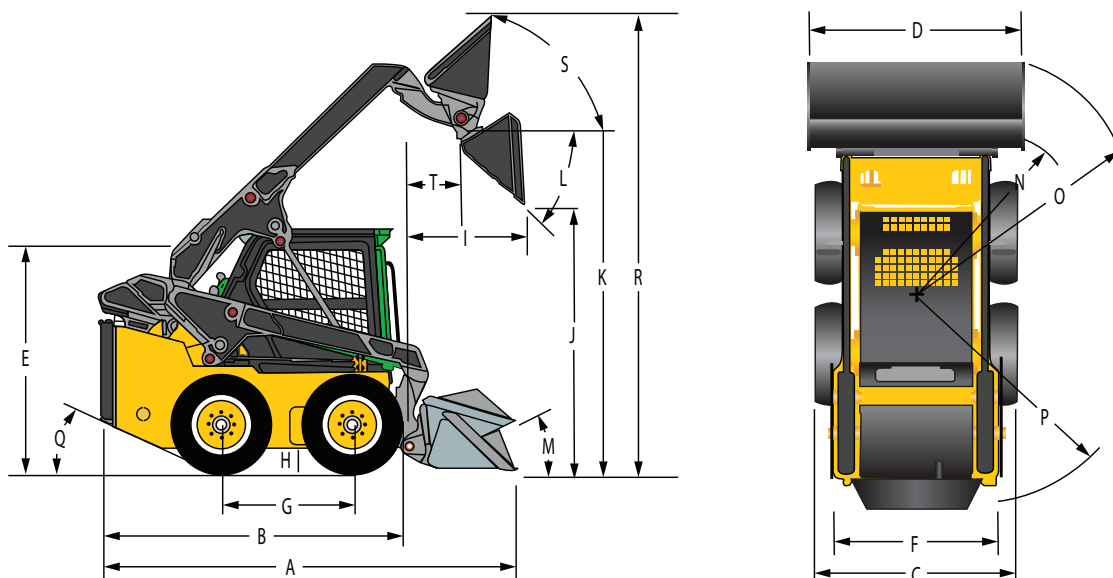
Hyundai will make product improvements from time to time to enhance customer experience and productivity.

# SPECIFICATIONS HS120V

Powered By Hyundai Performance Series 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          | Track 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")    |

