MONTANA
Department of Transportation

MDT-BRG-015 04/23

Montana Department of Transportation
Bridge Bureau
Approved Construction Equipment List

mdtacel@mt.gov

Make: Caterpillar

Model: 262D3

Equipment Type: skidsteer

Contractor Modifications: none

Interstate Approval Conditions

Approval Type	crossing and operating
Speed:	no restriction
Weight:	8,286 lb or less
Traffic:	approved with regular traffic
Location Restrictions:	no restriction

Non-Interstate Approval Conditions

Approval Type	crossing and operating
Speed:	no restriction
Weight:	8,286 lb or less
Traffic:	approved with regular traffic
Location Restrictions:	no restriction

Comments:

Equipment configuration, weights, and specifications on following pages. Approval does not apply to posted bridges. Other construction equipment is not allowed to operate on or cross bridge at the same time this equipment is on the bridge.



Cat® 262D3

Skid Steer Loader

Features:
The Cat® 262D3 Skid Steer Loader, with its vertical lift design, delivers extended reach and lift height for quick and easy truck loading. Its stability and lifting performance provides excellent material handling. The 262D3 features the following:

- **Industry leading sealed and pressurized cab option** provides a cleaner and quieter operating environment with excellent work tool visibility.
- **Available high-back, heated, air ride seat with seat mounted adjustable joystick controls** makes the D3 Series the industry leader in operator comfort.
- **High performance power train** provides maximum performance and production capability through the Electronic Torque Management system, optional two speed travel and an industry exclusive electronic hand/foot throttle with decel pedal capability.
- **High Flow XPS hydraulic system** is available for applications that demand maximum hydraulic work tool performance.
- **Electronically controlled Cat C3.3B engine** provides high horsepower and torque while meeting U.S. EPA Tier 4 Final and EU Stage V emission standards.
- **Cat "Intelligent Leveling" system (ILEV)** provides industry leading technology, integration, and is now packaged with dual direction self, work tool return to dig and work tool positioner.
- **Speed Sensitive Ride Control option** improves operation on rough terrain, enabling better load retention, increased productivity and greater operator comfort.
- **Maximize machine capability and control** with optional Advanced Display providing on-screen adjustments for implement response, hystat response and creep control. Also features multi-language functionality with customizable layouts, security system and rearview camera.
- **Ground level access** to all daily service and routine maintenance points helps reduce machine downtime for greater productivity.
- **Broad range of performance matched Cat Attachments** make the Cat Skid Steer Loader the most versatile machine on the job site.
- **Available Long Lasting LED Work Lights** (front and rear) provide superior job site illumination.

Specifications

Engine

Engine Model	Cat C3.3B DIT (turbo)	
Gross Power SAE J1995	55.4 kW	74.3 hp
Net Power SAE 1349	54.4 kW	72.9 hp
Net Power ISO 9249	54.9 kW	73.7 hp
Peak Torque at 1,500 rpm SAE J1995	265 N·m	195 lbf-ft
Displacement	3.3 L	203 in³
Stroke	120 mm	4.7 in
Bore	94 mm	3.7 in

Weights*

Operating Weight	3763 kg	8,296 lb

Power Train

Travel Speed (Forward or Reverse):		
One Speed	12.5 km/h	7.7 mph
Two Speed Option	17.7 km/h	11.0 mph

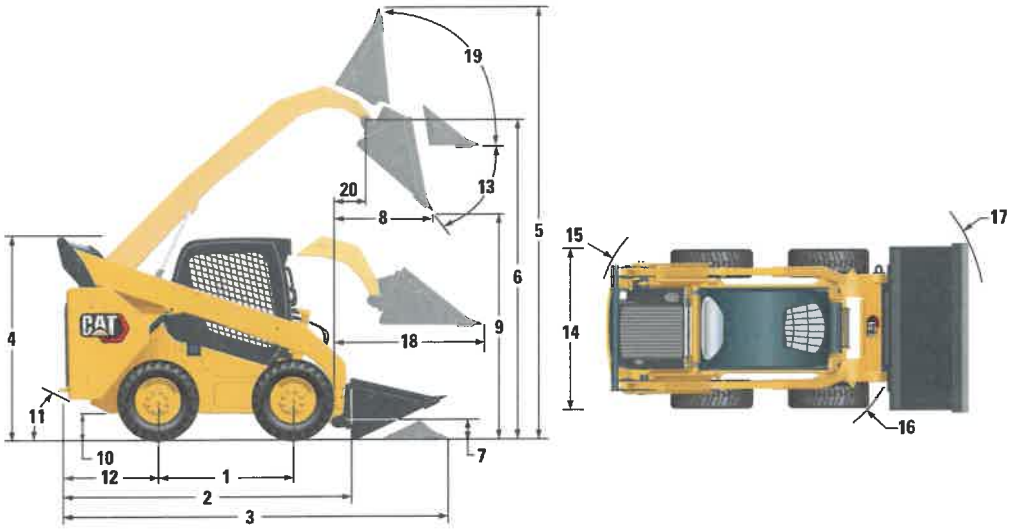
Operating Specifications*

Rated Operating Capacity	1225 kg	2,700 lb
Rated Operating Capacity with Optional Counterweight	1390 kg	3,055 lb
Tipping Load	2455 kg	5,400 lb
Breakout Force, Tilt Cylinder	3336 kg	7,355 lb

Hydraulic System

Hydraulic Flow – Standard:		
Loader Hydraulic Pressure	23 000 kPa	3,335 psi
Loader Hydraulic Flow	86 L/min	23 gal/min
Hydraulic Power (calculated)	33 kW	44 hp
Hydraulic Flow – High Flow XPS:		
Maximum Loader Hydraulic Pressure	28 000 kPa	4,061 psi
Maximum Loader Hydraulic Flow	121 L/min	32 gal/min
Hydraulic Power (calculated)	57 kW	76 hp

262D3 Skid Steer Loader



Dimensions*

1	Wheelbase	1249 mm	49.2 in	11	Departure Angle	26°	
2	Length without Bucket	2995 mm	117.9 in	12	Bumper Overhang behind Rear Axle	1083 mm	42.6 in
3	Length with Bucket on Ground	3714 mm	146.2 in	13	Maximum Dump Angle	51°	
4	Height to Top of Cab	2110 mm	83.1 in	14	Vehicle Width over Tires	1676 mm	66 in
5	Maximum Overall Height	4008 mm	157.8 in	15	Turning Radius from Center – Machine Rear	1805 mm	71.1 in
6	Bucket Pin Height at Maximum Lift	3172 mm	124.9 in	16	Turning Radius from Center – Coupler	1401 mm	55.2 in
7	Bucket Pin Height at Carry Position	200 mm	7.9 in	17	Turning Radius from Center – Bucket	2181 mm	85.9 in
8	Reach at Maximum Lift and Dump	786 mm	30.9 in	18	Maximum Reach with Arms Parallel to Ground	1293 mm	50.9 in
9	Clearance at Maximum Lift and Dump	2380 mm	93.7 in	19	Rack Back Angle at Maximum Height	84°	
10	Ground Clearance	226 mm	8.9 in	20	Bucket Pin Reach at Maximum Lift	393 mm	15.5 in

*Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, one speed, OROPS, 1730 mm (68 in) low profile bucket, Cat PC 12 × 16.5 tires, standard flow hydraulics, mechanical suspension seat, no optional counterweights and manual quick coupler (unless otherwise noted).

Cab

ROPS	ISO 3471:2008
FOPS	ISO 3449:2005 Level I

Service Refill Capacities

Chain Box, each side	12.7 L	3.3 gal
Cooling System	14 L	3.7 gal
Engine Crankcase	11 L	3.0 gal
Fuel Tank	105 L	27.7 gal
Hydraulic System	52 L	13.7 gal
Hydraulic Tank	39 L	10.3 gal

Noise Level

Inside Cab**	81 dB(A)
Outside Cab***	101 dB(A)

- Cab and Rollover Protective Structures (ROPS) are standard in North America and Europe.

**The declared dynamic operator sound pressure levels per ISO 6396:2008. The measurements were conducted with the cab doors and windows closed and at 70% of the maximum engine cooling fan speed. The sound level may vary at different engine cooling fan speeds.

***The labeled sound power level for the CE marked configurations when measured according to the test procedure and conditions specified in 2000/14/EC.

Air Conditioning System (if equipped)

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.0 kg of refrigerant which has a CO_2 equivalent of 1.430 metric tonnes.