



ENGINE

Make	Caterpillar
Type	C13 EPA Tier III
Number of Cylinders	6
Displacement	12.5 L (763 CID)
Horsepower	425 HP (317 kW) @ 2100 rpm
Peak Horsepower	459 HP (342 kW) @ 1800 rpm
Torque	1,510 ft-lb (2047 N-m) @ 1400 rpm

TRANSMISSION

Type	CAT® Powershift transmission series TA22
Speeds Forward/Reverse	16/3

AXLES

Front	5-in.-diameter (12.7cm) freewheeling, cold-rolled solid steel
Rear	Axle tech PRLC-1753, double reduction, outboard planetary 54,000-lb rating with flotation tires

APPLICATION CAB

Glass Area / Floor Area	60 sq.ft (5.5 m²) / 14 sq.ft. (1.39 m²)
Cab Suspension	Air-ride cab
Radio	AM/FM / stereo / CD-MP3-compatible / weather band
HVAC / Filtration	Automatic temperature control / 3-level activated carbon
Steering Wheel	14-in. diameter
Standard Seat	Semi-active seat suspension with heated seat cushions
Optional Seat	Leather semi-active or air ride seat

AIR SYSTEM

Compressor	Engine-mounted
Governor	120 psi (8.2 bar)
CFM	15.7 cfm (7.4 L/s)
Reservoir	Dual

WEIGHTS

Rated Capacity Front	14,000 lbs (6,350 kg)
Rated Capacity Rear	54,000 lbs (24,494 kg)
Approximate Chassis Front	12,100 lbs (5,488 kg)
Approximate Chassis Rear	13,960 lbs (6,332 kg)

SUSPENSION

Type	Rigid rear axle to frame mount
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STEERING

Type	Dynamic load sense
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TIRES

Standard	Goodyear® radial 1050/50R32
Optional	Michelin® Radial 1050/50R32

FLUID CAPACITIES

Fuel	200 gallon (757 L)
Engine coolant	10 gallon (37.9 L)
Engine oil	10.6 gallon (40.1 L)
Transmission oil	19 gallon (72 L)
Hydraulic reservoir	9 gallon (34 L)

SYSTEMS/CONTROLLERS

Systems Available	Liquid systems: 2400-gal liquid (Benson Boom II) Dry systems: AirMax Precision, AirMax Precision2, Airspreader, Twin Bin, Four Bin, New Leader L4000G4
Controllers Available	Falcon VT, Raven®, Raven® SCS 5000, Viper Pro™

DRY SYSTEM DELIVERY CAPACITIES

AirMax Precision	Single bin	355 cu.ft. (10.1 m³)
AirMax Precision 2	Adjustable, split bin	345 cu.ft. (9.8 m³)
Air Spreader	Single bin, multiple products	345 cu.ft. (9.8 m³)
Soilection Twin Bin	Two bins	320 cu.ft. (9.1 m³)
Soilection Four Bin	Four bins	340 cu.ft. (9.6 m³)
New Leader L4000G4	Single bin, optional inserts	up to 388 cu. ft. (11 m³)