

Technical sheet :

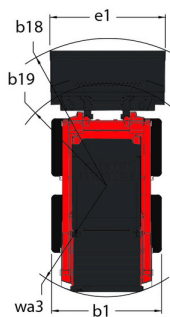
4200V



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Rated Operating Capacity		4200 lb
Unladen weight		11665 lb
Weight and dimensions		
Wheelbase	y	55 in
Overall Operating Height - Fully Raised	h27	187 in
Height to Hinge Pin - Fully Raised	h28	144 in
Overall Height to top of ROPS	h17	82 in
Dump angle at full height	a5	31 °
Dump height	h29	115 in
Overall length with bucket	l16	159 in
Dump reach - Full height	r6	39 in
Rollback at ground	a13	31 °
Seat to ground height	h30	41 in
Overall width less bucket	b1	79 in
Bucket Width	e1	84 in
Ground clearance	m4	7 in
Overall length - Less Bucket	l2	121 in
Departure angle	a2	19 °
Clearance Radius - Front with Bucket	b18	89 in
Performances		
Travel speed (unladen)		7 mph
Travel Speed with Two-Speed Option - Maximum		12 mph
Wheels		
Standard tires		14.00 x 17.5 HD
Engine		
Engine brand		Deutz
Engine model		TCD 3.6
Gross Power		74 kW
Net Power		97.20 kW
Max. torque / Engine rotation		326 ft/lbs / 2200 rpm
Power source		Diesel
Battery voltage		12 V
Alternator		130 kW
Starter		2.30 kW
Hydraulics		
High-Flow Auxiliary Hydraulics - Option		41 US gpm
Tank capacities		
Fuel tank		10 US gal
Hydraulic tank capacity		17 US gal
Displacement		0.95 US gal
Noise and vibration		
Noise to environment (LwA)		101 dB
Noise at driving position (LpA)		85 dB
Whole-Body Vibration (ISO 2631-1)		0.79 m/s ²
Vibration on hands/arms		< 1.20 m/s ²

4200V - Dimensional drawing



Equipment

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Integral Access Plate (removable)	Standard
Lifting function	
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
High-Flow Auxiliary Hydraulics	Standard
Power-A-Tach® Attachment Mounting System	Standard
Lighting	
Work Lights - Front and Rear	Standard
Motorization/Power	
Engine Auto-Shutdown System	Standard
Engine Block Heater	Standard
Swing-Out Cooler	Standard
Turbo-Charged Engine	Standard
Two-Speed Drive	Standard
Operator station	
Adjustable Arm Rests / Control Towers 1	Standard
Air conditioning with manual adjustment	Standard
Air suspension seat	Standard
Cab Enclosure	Optional
Foot and Hand Throttles 2	Standard
Heating	Standard
High-Back Adjustable Seat	Standard
Hom	Standard
Joystick controls	Standard
ROPS/FOPS Level II Overhead Guard	Standard
Other options	
Hydrostatic Drive - Servo	Standard
Selectable Self-Leveling Hydraulic Lift Action 4	Standard
Secondary functions	
Full Instrumentation	Standard
Hydraglide™ Ride Control 3	Standard
Security	
Anti-Vandalism Protection	Standard
Back-Up Alarm	Standard
Brake Control (Auto / Manual)	Standard
Hydraloc™ Safety System	Standard
Lift Arm Support Device	Standard
Operator Restraint Bar	Standard



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