Technical sheet :

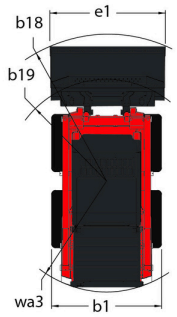
1800R (ST5)



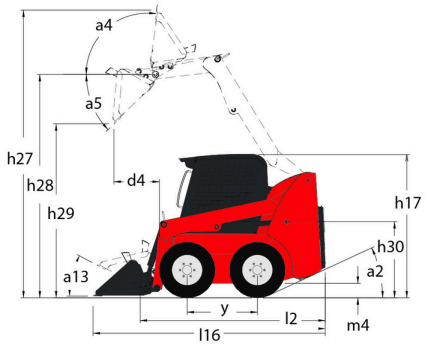
MANITOU
HANDLING YOUR WORLD

Capacities		Imperial
Rated Operating Capacity		1801 lb
Unladen weight		6376 lb
Tipping capacity		3600 lb
Weight and dimensions		
Wheelbase	y	39 in
Overall Operating Height - Fully Raised	h27	153 in
Height to Hinge Pin - Fully Raised	h28	119 in
Overall Height to top of ROPS	h17	77 in
Dump angle at full height	a5	38 °
Dump height	h29	94 in
Overall length with bucket	l16	124 in
Dump reach - Full height	r6	23 in
Rollback at ground	a13	28 °
Rollback Angle at Full Height	a4	99 °
Seat to ground height	h30	37 in
Overall width less bucket	b1	62 in
Bucket Width	e1	61 in
Ground clearance	m4	6 in
Overall length - Less Bucket	l2	95 in
Departure angle	a2	19 °
Clearance Radius - Front with Bucket	b18	74 in
Rear departure angle		19 °
Performances		
Travel speed (unladen)		8 mph
Wheels		
Transmission type		Hydrostatic
Standard tires		10 x 16.5 - 10 PR HD
Engine		
Engine brand		Yanmar
Engine model		4TNV98C-NMS2V
Engine norm		Stage V
Max. torque / Engine rotation		178 ft/lbs / 2500 rpm
Power source		Diesel
Number of cylinders		4
Engine power (Hp / kW)		69.33 Hp / 51.70 kW
Battery voltage		12 V
Alternator - Ampere		100 A
Starter		3 kW
Hydraulics		
Standard flow - Auxiliary hydraulics		19 US gpm
Auxiliary Hydraulic Pressure		3002 PSI
Tank capacities		
Fuel tank capacity		17 US gal
Hydraulic tank capacity		11 US gal
Displacement		0.88 US gal
LH Chain case		2 US gal
RH Chain case		2 US gal

1800R (ST5) - Dimensional drawing







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