Technical sheet :

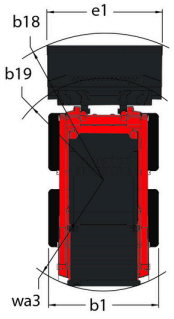
1640R (ST5)



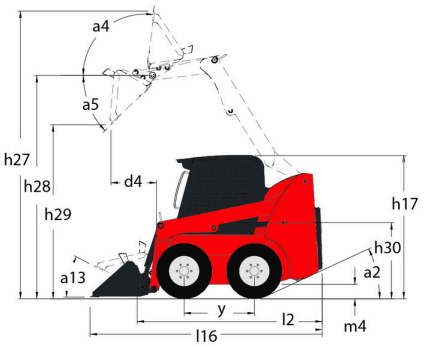
MANITOU
HANDLING YOUR WORLD

Capacities		Imperial
Rated Operating Capacity		1649 lb
Unladen weight		6155 lb
Tipping capacity		3298 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	122 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	94 in
Departure angle	a2	21 °
Clearance Radius - Front with Bucket	b18	74 in
Rear departure angle		21 °
Performances		
Travel speed (unladen)		8 mph
Travel Speed with Two-Speed Option - Maximum		12 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)		74 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		3319 mm³
LH Chain case		2 US gal
RH Chain case		2 US gal

1640R (ST5) - Dimensional drawing







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