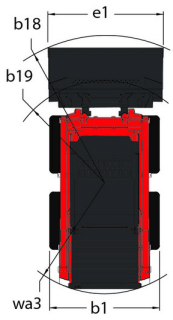
Technical sheet :

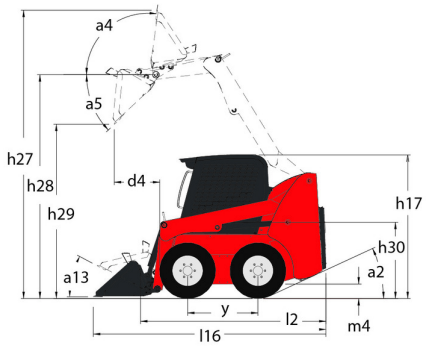
1640R (STAGE V)

MANITOU
HANDLING YOUR WORLD

Capacities		Metric
Rated Operating Capacity		748 kg
Unladen weight		2792 kg
Tipping capacity		1496 kg
Weight and dimensions		
Wheelbase	y	988 mm
Overall Operating Height - Fully Raised	h27	3876 mm
Height to Hinge Pin - Fully Raised	h28	3023 mm
Overall Height to top of ROPS	h17	1948 mm
Dump angle at full height	a5	38 °
Dump height	h29	2379 mm
Overall length with bucket	l16	3101 mm
Dump reach - Full height	r6	579 mm
Rollback at ground	a13	28 °
Rollback Angle at Full Height	a4	99 °
Seat to ground height	h30	930 mm
Overall width less bucket	b1	1582 mm
Bucket Width	e1	1562 mm
Ground clearance	m4	160 mm
Overall length - Less Bucket	l2	2390 mm
Departure angle	a2	21 °
Clearance Radius - Front with Bucket	b18	1869 mm
Rear departure angle		21 °
Performances		
Travel speed (unladen)		12.60 km/h
Travel Speed with Two-Speed Option - Maximum		19.50 km/h
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
Gross Power		51.70 kW
Max. torque / Engine rotation		241 Nm / 2500 rpm
Power source		Diesel
Number of cylinders		4
Battery voltage		12 V
Alternator - Ampere		100 A
Starter		3 kW
Hydraulics		
Standard flow - Auxiliary hydraulics		71.40 l/min
Auxiliary Hydraulic Pressure		207 bar
Tank capacities		
Fuel tank		62.50 l
Hydraulic tank capacity		41.60 l
Displacement		3319 mm³
LH Chain case		8.50 l
RH Chain case		8.50 l

1640R (Stage V) - Dimensional drawing





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