

Technical sheet :

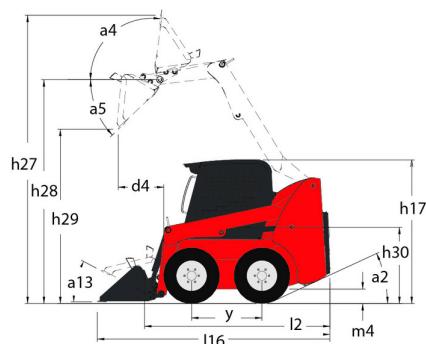
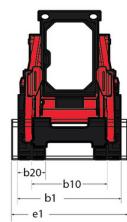
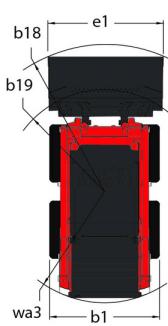
1640R (IT4)



 **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			
Standard tires		10 x 16.5 - 10 PR HD	
Engine			
Engine brand		Yanmar	
Engine model		4TNV98-ZNMS3R1	
Engine norm		iT4	
Max. torque / Engine rotation		241 Nm / 2500 rpm	
Power source		Diesel	
Number of cylinders		4	
Engine power (Hp / kW)		70.65 Hp / 51.20 kW	
Battery voltage		12 V	
Accessory plug		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		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 (iT4) - Dimensional drawing



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