Technical sheet :

1640R (IT4)





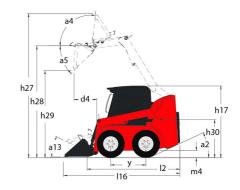
640R (IT4)	Created on August 28,	2025 at 3:26 AM UTC
------------	-----------------------	---------------------

	1640R (IT4) Create	ed on August 28, 2025 at 3:26 AM UTC
Capacities		Metric
Rated Operating Capacity		748 kg
Unladen weight		2792 kg
Tipping capacity		1496 kg
Weight and dimensions		· · · · · · · · · · · · · · · · · · ·
Wheelbase	у	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	116	3101 mm
Dump reach - Full height	ró	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	el	1562 mm
Ground clearance	m4	160 mm
Overall length - Less Bucket	12	2390 mm
Departure angle	a2	2390 mm
Clearance Radius - Front with Bucket	b18	1869 mm
Rear departure angle	510	21 °
Performances		21
Travel speed (unladen)		12.60 km/h
Travel Speed with Two-Speed Option - Maximum		19.50 km/h
Wheels		19.30 Km/m
Standard tires		10 x 16.5 - 10 PR HD
Engine		10 x 10.3 - 10 FK 11D
Engine brand		Yanmar
Engine model		4TNV98-ZNMS3R1
Engine norm		iT4
Gross Power		52.10 kW
Net Power		52.10 kW
Max. torque / Engine rotation		
Power source		241 Nm / 2500 rpm Diesel
Number of cylinders		4
Battery voltage		4 12 V
		12 V 12 V
Accessory plug		12 V 100 A
Alternator - Ampere		
Starter		3 kW
Hydraulics		71.40 l/min
Standard flow - Auxiliary hydraulics		207 bar
Auxiliary Hydraulic Pressure		207 081
Tank capacities		62.50.1
Fuel tank		62.50
Hydraulic tank capacity		41.60
Displacement		3319 mm ³
LH Chain case		8.50 1
RH Chain case		8.50 I

1640R (iT4) - Dimensional drawing









B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes