Technical sheet :

1640R (IT4)





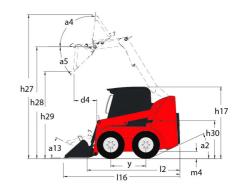
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	1640R (IT4) Create	1640R (174) Created on August 28, 2025 at 3:50 AM UTC	
Capacities		Metric	
Rated Operating Capacity		748 kg	
Unladen weight		2792 kg	
Tipping capacity		1496 kg	
Weight and dimensions		· · · · · · · · · · · · · · · · · · ·	
Wheelbase	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		51.20 kW	
Max. torque / Engine rotation		241 Nm / 2500 rpm	
Power source		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 Standard flow Auvilian hydroulice		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









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