Technical sheet:

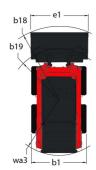
1640R



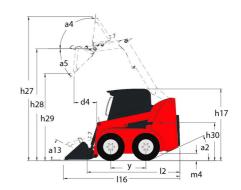


Mercis Marcis M		1640R Greated on May 18, 2024 at 3.22.43 PM
Unlades weight 1999	Capacities	Metric
1496 kg 1496	Rated Operating Capacity	748 kg
Weight and dimensions	Unladen weight	2792 kg
Weight and dimensions	Tipping capacity	1496 kg
OwenII opening Height Fully Baised 167 3376 mm Height to Hinge Pr - Hully Baised 168 3022 mm OwenII Height to go of ROPS 157 1948 mm Dump and et full height 259 2379 mm OwenII Height to go of ROPS 115 3301 mm OwenII Height the go of ROPS 116 5370 mm OwenII Height the go of ROPS 116 5370 mm OwenII Height the go of ROPS 116 5370 mm OwenII Height the go of ROPS 44 90° Sout to ground height 16 579 mm Kollback at ground 131 22° Kollback at ground height 150 900 mm Wheelbase y 988 mm OwenI Height - Less bucket 51 1582 mm OwenI Height - Less bucket 61 1582 mm Countal Height - Less Bucket 61 1582 mm Countal Height - Less Bucket 61 1582 mm Countal Height - Less Bucket 61 1582 mm Departure angle 22 21"		
Height is higne Fm - Fully laised high	-	h27 3876 mm
Ownall Height to spot ABOPS h17 1948 mm Dump height a5 38 ° Dump height h29 2379 mm Ownall leagh with bucket l16 3101 mm Ownall caph with bucket l6 579 mm follback at aground a13 28 ° follback at aground height h30 90 mm Morellased h30 90 mm Weelbase y 988 mm Owrall width less bucket b1 1352 mm Weelbase p1 1552 mm Owrall width less bucket b1 1552 mm Owrall width less bucket b1 1552 mm Owrall seph - Less Bucket b2 2 21 ° Clearnec Calcle - Flort with Bucket b18 169 mm 160 mm Clearnec Calcle - Flort with Bucket b18 169 mm 11 mm Clearnec Calcle - Flort with Bucket b19 130 mm 146 mm Performance b19 130 mm 146 mm Clearnec Exile - Flort b1 171		
Dump anipel art Ill height 55 38 ° Dump helphy b29 2379 mm Overall langh with bucket 116 3101 mm Dump nebah - Full height 66 579 mm Rollback An ground a13 2.8 ° Rollback Angle af Full Height 44 99 ° Seat to ground height h30 930 mm Wheelbase y 988 mm Overall Height besteld b1 1582 mm Bucket Width et 1582 mm Ground clearance m4 168 mm Ground clearance p4 168 mm Ground clearance p4 168 mm Ground clearance Clicke - Front with Bucket p3 2 2 2' Clearance Scicle - Front with Bucket b18 1889 mm Clearance Scicle - Front with Bucket b18 1889 mm Clearance Scicle - Front with Bucket b19 1130 mm Clearance Scicle - Front with Bucket b19 1130 mm Clearance Scicle - Front with Bucket b19 1130 mm Clea		
Dump elapht 128 237 mm Orental length with bucket 116 3101 mm Owneth length with bucket 16 579 mm Sollback at ground a13 28 * Sollback at ground height 44 99 * Seat to ground height 150 90 mm Wheelbase y 998 mm Ownell width less bucket b1 1552 mm Bucket Width est 152 2300 mm Departure angle a2 2 21 * Clearance Radius - Front with Bucket b18 189 mm Clearance Radius - Front without Bucket b18 189 mm Clearance Circle - Flort without Bucket b18 189 mm Clearance Circle - Flort without Bucket b18 189 mm Clearance Circle - Flort without Bucket b18 189 mm Clearance Circle - Flort without Bucket b18 189 mm Clearance Circle - Flort without Bucket b18 189 mm Clearance Circle - Flort without Bucket b18 189 mm Clearance Circle - Flort without Bucket <td< td=""><td></td><td></td></td<>		
Ownell length with bucket 116 3101 mm Dump reach - Full helight 6 579 mm Rollback at ground a13 28 ° Rollback Angie a Full Helight b3 99 ° Sear to ground helight b30 990 mm Wheelbase y 988 mm Overall width less bucket b1 1582 mm Bucket Width e1 1562 mm Ground clearance m4 100 mm Ground clearance m4 100 mm Ground clearance 12 2390 mm Departure angle 32 21 ° Clearance Rolled - Front with bucket b18 1189 mm Clearance Circle - Front without Bucket b19 1120 mm Clearance Circle - Front without Bucket b19 1120 mm Clearance Circle - Front without Bucket b19 1120 mm Clearance Circle - Front without Bucket b19 1120 mm Clearance Circle - Front without Bucket b1 1120 mm Clearance Circle - Front without Bucket b1 12.66 km/h		
Dump mach - Full height a13 28° Rollback at ground a14 99° Seat to ground height h30 390 mm Wheelbase 9 988 mm Overall width less bucket b1 1582 mm Ouerall width less bucket b1 1582 mm Ouerall width less bucket b1 1582 mm Ouerall leight - Less Bucket b1 1582 mm Overall leight - Less Bucket b2 221° Clearance Clicile - Font with Bucket b18 1889 mm Clearance Clicile - Font with Bucket b19 1130 mm Clearance Clicile - Font with Bucket b19 1130 mm Clearance Clicile - Font with Bucket b19 1130 mm Clearance Clicile - Font with Bucket b19 1130 mm Clearance Clicile - Font with Bucket b19 1130 mm Clearance Clicile - Font with Bucket b19 1130 mm Clearance Clicile - Font with Bucket b19 130 mm Clearance Clicile - Font with Bucket b18 186 mm Clearance Clicile - Font		
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Rollback Angle at Full Height a4 99 * Sea to ground height h30 930 mm Wheelbase y 988 mm Overall widh less bucket b1 1552 mm Bucket Width e1 1552 mm Ground clearance m4 160 mm Overall leigh* Less Bucket i2 2390 mm Operature angle a2 21 * Clearance Radius - Front with Bucket b18 1850 mm Clearance Circle - Rear b19 1130 mm Clearance Circle - Rear b19 130 mm Clearance Circle - Rear 12 (30 km/h 100 km/h Wheeless 10 (10 km/h 10 (10 km/h Standard five 52.10 km/h		
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Performances 12.60 km/h Travel speed (unladen) 12.60 km/h Wheels 10X16.5-10 PR HD Standard tires 10X16.5-10 PR HD Engine 10X16.5-10 PR HD Engine brand 4 Engine nomel 4TNN98-ZMMS3R1 Engine nom 174 Gross Power 52.10 kW Mex. torque / Engine rotation 241 km / 2500 rpm Power source 10 issel Number of cylinders 4 Battery voltage 12 V Accessory plug 12 V Alemator-Ampere 3 kW Starter 3 kW Hydraulics 3 kW Stander 3 kW Usualitary hydraulics Pressure 207 bar Tank capacities 62.50 l Fuel tank 4 4 Hydraulic oil tank capacity 62.50 l 4 Hydraulic oil tank capacity 62.50 l 4 Li Chain case 63.3319 mm² 4 Hydraulic oil tank capacity 62.50 l 4		
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Standard tires 10X16.5-10 PR HD Engine Commode Ayanmar Engine nomel 4TNV98.2NMS3R1 1T4 Engine nome 52.10 kW 52.10 kW Net Power 52.10 kW 51.20 kW Net Power Source / Engine rotation 241 Nm / 2500 rpm 241 Nm / 2500 rpm Power source 10 Essel 4 Number of cylinders 4 12 V Accessory plug 12 V 12 V Alternator - Ampree 3 kW 100 A Starter 3 kW 3 kW Hydraulic 3 kW 100 A Standard flow - Auxiliary hydraulics 71.40 l/min c Auxiliary Hydraulic Pressure 207 bar Fuel tank 6.2.50 l Hydraulic oil tank capacity 4.6.6.1 Displacement 9 G. 3319 mm² LH Chain case 8.50 l		12.00 KIII/II
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HydraulicsComparison<		
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Hydraulic oil tank capacity41.60 lDisplacement3319 mm³LH Chain case8.50 l		
Displacement 3319 mm³ LH Chain case 8.50 I	Fuel tank	62.50
LH Chain case 8.50 I	Hydraulic oil tank capacity	41.60
	Displacement	3319 mm³
RH Chain case 8.50 I	LH Chain case	8.50 I
	RH Chain case	8.50 I

1640R - Dimensional drawing











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