

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 nom | | 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 mm ³ |
| LH Chain case | | 8.50 l |
| RH Chain case | | 8.50 l |

1640R (iT4) - Dimensional drawing





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