Technical sheet:

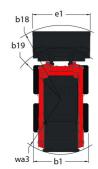
## **1640R**



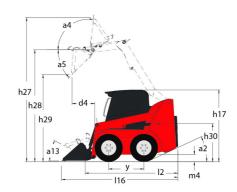


|   | <b>1640R</b> Crea | <b>1640R</b> Created on August 12, 2025 at 6:08 PM UTC |  |
|---|-------------------|--|--|
| Capacities  |                   | Metric   |  |
| Rated Operating Capacity                            |                   | 748 kg   |  |
| Unladen weight                                      |                   | 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                            | 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                        | 12                | 2390 mm  |  |
| Departure angle                                     | a2                | 23 °   |  |
| Clearance Radius - Front with Bucket                | b18               | 1869 mm  |  |
|   | UIO               | 21 °   |  |
| Rear departure angle                                |                   | 21   |  |
| Performances Trust accord (valedon)                 |                   | 12.60 km/h   |  |
| Travel speed (unladen)                              |                   |  |  |
| Travel Speed with Two-Speed Option - Maximum Wheels |                   | 19.50 km/h   |  |
| Standard tires                                      |                   | 10 · 16 5 10 PP UP                                     |  |
|   |                   | 10 x 16.5 - 10 PR HD                                   |  |
| Engine  |                   | Vergreen   |  |
| 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                                     |                   | 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 tank   |                   | 62.50 I  |  |
| Hydraulic tank capacity                             |                   | 41.60 l  |  |
| Displacement  |                   | 3319 mm³   |  |
| LH Chain case                                       |                   | 8.50 l   |  |
| RH Chain case                                       |                   | 8.50 l   |  |
|   |                   |  |  |

## 1640R - Dimensional drawing











## **Head Office**

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



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