

Technical sheet :

# 1640R (IT4)

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| 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 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 l              |
| Hydraulic tank capacity                      |     | 41.60 l              |
| Displacement                                 |     | 3319 mm³             |
| LH Chain case                                |     | 8.50 l               |
| RH Chain case                                |     | 8.50 l               |

## 1640R (iT4) - Dimensional drawing





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