

Technical sheet :

# 1350RT



 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                                |     | Metric              |
|---|-----|---------------------|
| Operating Weight                          |     | 2953 kg             |
| Unladen weight                            |     | 2953 kg             |
| Operating Capacity at 35% Tipping Load    |     | 612 kg              |
| Operating Capacity At 50% Tipping Load    |     | 875 kg              |
| Tipping capacity                          |     | 1750 kg             |
| Weight and dimensions                     |     |                     |
| Overall Operating Height - Fully Raised   | h27 | 3670 mm             |
| Height to Hinge Pin - Fully Raised        | h28 | 2794 mm             |
| Dump reach - Full height                  | r6  | 592 mm              |
| Dump angle at full height                 | a5  | 40 °                |
| Dump Height - Fully Raised                | h29 | 2123 mm             |
| Maximum Rollback Angle - Fully Raised     | a4  | 98 °                |
| Overall Height to top of ROPS             | h17 | 1930 mm             |
| Overall length with bucket                | l16 | 3076 mm             |
| Overall Length without Bucket             | l1  | 2360 mm             |
| Specified Height                          | h31 | 1494 mm             |
| Reach at Specified Height                 | r4  | 771 mm              |
| Dump angle at specified height            | a17 | 75 °                |
| Carry Position                            | d5  | 165 mm              |
| Maximum Rollback Angle at Carry Position  | a14 | 28 °                |
| Digging Position                          | h32 | 18 mm               |
| Angle of Departure with STD Counterweight |     | 28 °                |
| Ground clearance                          | m4  | 213 mm              |
| Track gauge                               | b10 | 1148 mm             |
| Track Shoe Width                          | b20 | 300 mm              |
| Crawler base                              | y2  | 1168 mm             |
| Overall width less bucket                 | b1  | 1448 mm             |
| Bucket Width                              | e1  | 1524 mm             |
| Clearance Radius - Front with Bucket      | b18 | 1918 mm             |
| Track Type / Track Rollers / Roller Type  |     | Rubber / 4 / Steel  |
| Performances                              |     |                     |
| Ground Speed - Single Speed               |     | 10 km/h             |
| Drawbar Pull/Tractive Effort              |     | 3248 kg             |
| Bucket Breakout - Tilt Cylinder           |     | 1588 kg             |
| Bucket Breakout - Lift Cylinder           |     | 1692 kg             |
| Engine                                    |     |                     |
| Engine brand                              |     | Yanmar              |
| Engine model                              |     | 4TNV88C-KMSV        |
| Motor Type                                |     | Radial Piston       |
| Gross Power / Power                       |     | 34.30 kW @ 2500 rpm |
| I.C. Engine power rating                  |     | 46 Hp               |
| Battery voltage                           |     | 12 V                |
| Cold Cranking Amps at Temperature (CCA)   |     | 800 A               |
| Alternator - Voltage / Ampere             |     | 12 V / 100 A        |
| Hydraulics                                |     |                     |
| Standard flow - Auxiliary hydraulics      |     | 63.60 l/min         |
| Tank capacities                           |     |                     |
| Oil Pan Capacity                          |     | 6.40 l              |
| Hydraulic tank capacity                   |     | 34.80 l             |
| Fuel tank                                 |     | 59.40 l             |
| Displacement / Number of cylinders        |     | 7.90 l / 4          |

1350RT - Dimensional drawing



## Equipment

|  |          |
|--|----------|
| <b>Lifting function</b>                          |          |
| All-Tach® Attachment Mounting System             | Standard |
| Auxiliary Hydraulics                             | Standard |
| IdealTrax® automatic track tensioning system     | Standard |
| <b>Lighting</b>                                  |          |
| Beacon   | Optional |
| <b>Motorization/Power</b>                        |          |
| Combination Radiator & Hydraulic Oil Cooler      | Standard |
| Dual-Element Air Cleaner with Indicator          | Standard |
| Engine Auto-Shutdown System                      | Optional |
| Engine Block Heater                              | Optional |
| Glowplugs Starts Assist                          | Standard |
| <b>Operator station</b>                          |          |
| Bluetooth car radio                              | Optional |
| Foot Throttle                                    | Standard |
| Full-Suspension Seat                             | Optional |
| Joystick controls                                | Standard |
| Multi-Function Display Screen                    | Standard |
| ROPS/FOPS Level II Overhead Guard                | Standard |
| Sliding Side Windows                             | Optional |
| Swing-out Cab Door                               | Optional |
| <b>Other options</b>                             |          |
| Selectable Self-Leveling Hydraulic Lift Action 4 | Optional |
| <b>Pneumatics</b>                                |          |
| Rubber Track Undercarriage System                | Standard |
| <b>Secondary functions</b>                       |          |
| Counterweight                                    | Optional |
| Dedicated Undercarriage                          | Standard |
| <b>Security</b>                                  |          |
| 4 point lift                                     | Optional |
| Anti-Vandalism Protection                        | Standard |
| Back-Up Alarm                                    | Standard |
| Engine Alert System with Error Display           | Standard |
| Mechanical Lift Cylinder Lock                    | Standard |



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