

Technisches Datenblatt :

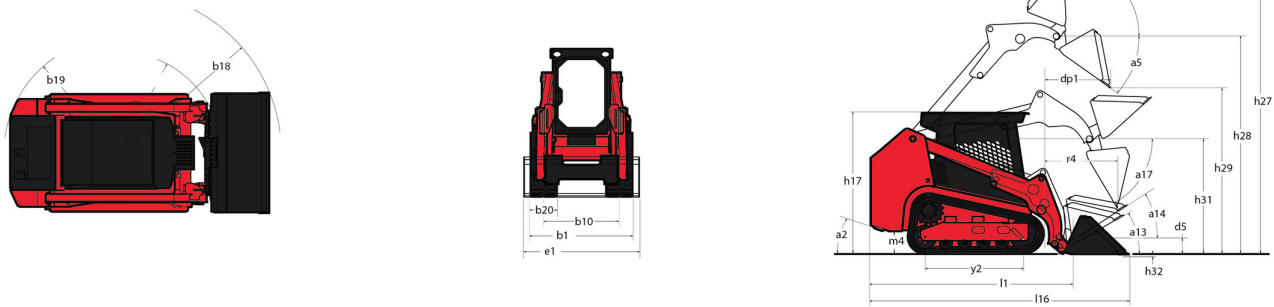
# 2150RT



 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                                |     | Metrisch                                       |
|-------------------------------------------|-----|------------------------------------------------|
| Max. capacity                             | Q   | 2787 kg                                        |
| Operating Weight                          |     | 4491 kg                                        |
| Unladen weight                            |     | 4491 kg                                        |
| Operating Capacity at 35% Tipping Load    |     | 975 kg                                         |
| Operating Capacity At 50% Tipping Load    |     | 1393 kg                                        |
| Tipping capacity                          |     | 2787 kg                                        |
| Weight and dimensions                     |     |                                                |
| Overall Operating Height - Fully Raised   | h27 | 4267 mm                                        |
| Height to Hinge Pin – Fully Raised        | h28 | 3251 mm                                        |
| Dump reach - Full height                  | r6  | 876 mm                                         |
| Dump angle at full height                 | a5  | 39 °                                           |
| Dump Height - Fully Raised                | h29 | 2489 mm                                        |
| Maximum Rollback Angle - Fully Raised     | a4  | 102.50 °                                       |
| Overall Height to top of ROPS             | h17 | 2111 mm                                        |
| Overall length with bucket                | l16 | 3769 mm                                        |
| Departure angle                           | a2  | 29.20 °                                        |
| Overall Length without Bucket             | l1  | 2959 mm                                        |
| Specified Height                          | h31 | 1720 mm                                        |
| Reach at Specified Height                 | r4  | 795 mm                                         |
| Dump angle at specified height            | a17 | 75 °                                           |
| Maximum Rollback Angle at Ground          | a13 | 30 °                                           |
| Carry Position                            | d5  | 208 mm                                         |
| Maximum Rollback Angle at Carry Position  | a14 | 31.60 °                                        |
| Digging Position                          | h32 | 16 mm                                          |
| Angle of Departure with STD Counterweight |     | 29.20 °                                        |
| Ground clearance                          | m4  | 320 mm                                         |
| Track gauge                               | b10 | 1313 mm                                        |
| Track Shoe Width                          | b20 | 450 mm                                         |
| Crawler base                              | y2  | 1483 mm                                        |
| Overall width less bucket                 | b1  | 1765 mm                                        |
| Bucket Width                              | e1  | 1877 mm                                        |
| Clearance Radius - Front with Bucket      | b18 | 2403 mm                                        |
| Clearance Circle - Rear                   | wa1 | 1641 mm                                        |
| Maximum rollback at specified height      |     | 66.80 °                                        |
| Angle of Approach                         | a3  | 90 °                                           |
| Grouser Height                            |     | 25 mm                                          |
| Track Type / Track Rollers / Roller Type  |     | Rubber / 5 / Steel                             |
| Performances                              |     |                                                |
| Ground Speed - Single Speed               |     | 9.50 km/h                                      |
| Ground Speed - Two Speed                  |     | 14.20 km/h                                     |
| Drawbar Pull/Tractive Effort              |     | 5503 kg                                        |
| Bucket Breakout - Tilt Cylinder           |     | 3008 kg                                        |
| Bucket Breakout - Lift Cylinder           |     | 2940 kg                                        |
| Engine                                    |     |                                                |
| Engine brand                              |     | Yanmar                                         |
| Engine model                              |     | TNV98CT-NMSL                                   |
| Motor Type                                |     | Axial Piston with Planetary Gear Box Reduction |
| Gross Power / Power                       |     | 53.70 kW @ 2500 rpm                            |
| Net Power / Power                         |     | 52.70 kW / 2500 rpm                            |
| Max. torque                               |     | 294 Nm                                         |
| I.C. Engine power rating                  |     | 72 Hp                                          |
| Battery voltage                           |     | 12 V                                           |
| Cold Cranking Amps at Temperature (CCA)   |     | 850 A                                          |
| Alternator - Voltage / Ampere             |     | 14 V / 100 A                                   |
| Hydraulics                                |     |                                                |
| Standard flow - Auxiliary hydraulics      |     | 82.51 l/min                                    |
| Tank capacities                           |     |                                                |
| Oil Pan Capacity                          |     | 10.40 l                                        |
| Hydraulic oil tank capacity               |     | 52.20 l                                        |
| Fuel tank                                 |     | 91 l                                           |
| Coolant system capacity                   |     | 14.40 l                                        |
| Displacement / Number of cylinders        |     | 3.30 l / 4                                     |
| Noise and vibration                       |     |                                                |
| Noise to environment (LWA)                |     | 103 dB                                         |
| Noise at driving position (LpA)           |     | 83 dB                                          |
| Miscellaneous                             |     |                                                |
| Ground Pressure                           |     | 0.33 bar                                       |

2150RT - Maßzeichnung



Ausstattung

|                                                  |          |
|--------------------------------------------------|----------|
| Lifting function                                 |          |
| All-Tach® Attachment Mounting System             | Standard |
| Auxiliary Hydraulics                             | Standard |
| Electronic Attachment Control - 14-Pin Connector | Optional |
| High-Flow Auxiliary Hydraulics                   | Optional |
| IdealTrax™ Automatic Track Tensioning System     | Standard |
| Power-A-Tach® Attachment Mounting System         | Optional |
| Motorization/Power                               |          |
| Combination Radiator & Hydraulic Oil Cooler      | Standard |
| Dual-Element Air Cleaner with Indicator          | Standard |
| Engine Auto-Shutdown System                      | Standard |
| Glowplugs Starts Assist                          | Standard |
| Two-Speed Hydrostatic Drive System               | Standard |
| Operator station                                 |          |
| Air suspension seat                              | Optional |
| Foot Throttle                                    | Standard |
| Full-Suspension Seat                             | Standard |
| IdealAccess™ Fold-Up Door                        | Optional |
| Multi-Function Display Screen                    | Standard |
| Pressurized Cab Enclosure with A/C               | Optional |
| Rearview Camera                                  | Standard |
| ROPS/FOPS Level II Overhead Guard                | Standard |
| Sliding Side Windows                             | Standard |
| Swing-out Cab Door                               | Standard |
| Other options                                    |          |
| Selectable Self-Leveling Hydraulic Lift Action 4 | Optional |
| Pneumatics                                       |          |
| Rubber Track Undercarriage System                | Standard |
| Single Flange Front/Dual Flange Rear Idlers      | Standard |
| Secondary functions                              |          |
| Counterweight                                    | Standard |
| Dedicated Undercarriage                          | Standard |
| Security                                         |          |
| Anti-Vandalism Lock Provisions                   | Standard |
| Back-Up Alarm                                    | Standard |
| Easy Manager                                     | Standard |
| Engine Alert System with Error Display           | Standard |
| Mechanical Lift Cylinder Lock                    | Standard |
| Tilt-out Foot Pod                                | Standard |



**Hauptsitz**

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](http://www.manitou.com)



Diese Publikation enthält eine Beschreibung der Konfigurationsvarianten und Optionen für Manitou-Produkte, die je nach Ausstattung unterschiedlich sein können. Die in dieser Broschüre vorgestellten Ausstattungen können Teil einer Serie, als Option erhältlich oder je nach Ausführung nicht verfügbar sein. Manitou behält sich das Recht vor, die beschriebenen und dargestellten Spezifikationen jederzeit und ohne Vorankündigung zu ändern. Die angegebenen Spezifikationen sind für den Hersteller nicht bindend. Für weitere Einzelheiten wenden Sie sich bitte an Ihren Manitou-Händler. Es handelt sich nicht um ein vertraglich bindendes Dokument. Die Darstellung der Produkte ist vertraglich nicht bindend. Die Liste der Spezifikationen ist nicht vollständig. Die Logos sowie die visuelle Identität des Unternehmens sind Eigentum von Manitou und dürfen nicht ohne Genehmigung verwendet werden. Alle Rechte vorbehalten. Die in dieser Broschüre enthaltenen Fotos und Diagramme werden nur zu Anschauungs- und Informationszwecken zur Verfügung gestellt.

MANITOU BF SA - Gesellschaft mit beschränkter Haftung mit Verwaltungsrat - Aktienkapital: 39 668 399 Euro - 857 802 508 RCS Nantes