Technical sheet :







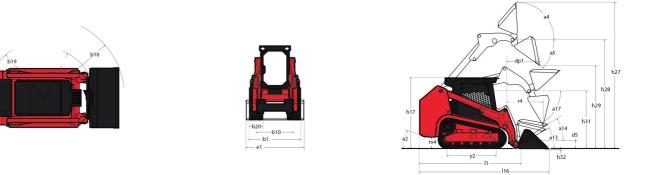
|   | 105041   | Glea |
|---|----------|------|
| Capacities                                |          |      |
| Operating Weight                          |          |      |
| Unladen weight                            |          |      |
| Operating Capacity at 35% Tipping Load    |          |      |
| Operating Capacity At 50% Tipping Load    |          |      |
| Tipping capacity                          |          |      |
| Weight and dimensions                     |          |      |
| Overall Operating Height - Fully Raised   | h27      |      |
| Height to Hinge Pin – Fully Raised        | h28      |      |
| Dump reach - Full height                  | гб       |      |
| Dump angle at full height                 | a5       |      |
| Dump Height - Fully Raised                | h29      |      |
| Maximum Rollback Angle - Fully Raised     | a4       |      |
| Overall Height to top of ROPS             | h17      |      |
| Overall length with bucket                | 116      |      |
| Overall Length without Bucket             | 11       |      |
| Specified Height                          | h31      |      |
| Reach at Specified Height                 | r4       |      |
| Dump angle at specified height            | a17      |      |
| Maximum Rollback Angle at Ground          | a13      |      |
| Carry Position                            | d5       |      |
| Maximum Rollback Angle at Carry Position  | a14      |      |
| Digging Position                          | h32      |      |
| Angle of Departure with STD Counterweight |          |      |
| Ground clearance                          | m4       |      |
| Track gauge                               | b10      |      |
| Track Shoe Width<br>Crawler base          | b20      |      |
| Crawler base<br>Overall width less bucket | y2<br>b1 |      |
| Bucket Width                              | e1       |      |
| Clearance Radius - Front with Bucket      | b18      |      |
| Clearance Circle - Rear                   | wa1      |      |
| Maximum rollback at specified height      | wai      |      |
| Angle of Approach                         | a3       |      |
| Grouser Height                            |          |      |
| Track Type / Track Rollers / Roller Type  |          |      |
| Performances                              |          |      |
| Ground Speed - Single Speed               |          |      |
| Ground Speed - Two Speed                  |          |      |
| Drawbar Pull/Tractive Effort              |          |      |
| Bucket Breakout - Tilt Cylinder           |          |      |
| Bucket Breakout - Lift Cylinder           |          |      |
| Engine                                    |          |      |
| Engine brand                              |          |      |
| Engine model                              |          |      |
| Motor Type                                |          |      |
| Gross Power / Power                       |          |      |
| Net Power / Power                         |          |      |
| Max. torque                               |          |      |
| I.C. Engine power rating                  |          |      |
| Battery voltage                           |          |      |
| Cold Cranking Amps at Temperature (CCA)   |          |      |
| Alternator - Voltage / Ampere             |          |      |
| Hydraulics                                |          |      |
| Standard flow - Auxiliary hydraulics      |          |      |
| Tank capacities                           |          |      |
| Oil Pan Capacity                          |          |      |
| Hydraulic oil tank capacity               |          |      |
| Fuel tank                                 |          |      |
| Coolant system capacity                   |          |      |
| Displacement / Number of cylinders        |          |      |
| Miscellaneous                             |          |      |
| Ground Pressure                           |          |      |

## тезовт Created on May 17, 2024 at 1:40:51 AM UTC

Metr

|     | 3638 kg             |  |
|-----|---------------------|--|
|     | 3638 kg             |  |
|     | 748 kg              |  |
|     | 1069 kg             |  |
|     | 2139 kg             |  |
|     |                     |  |
| 27  | 4008 mm             |  |
| 28  | 3038 mm             |  |
| 6   | 641 mm              |  |
| 15  | 39 °                |  |
| 29  | 2329 mm             |  |
| 4   | 98 °                |  |
| 17  | 1969 mm             |  |
| 16  | 3205 mm             |  |
| 1   | 2393 mm             |  |
| 31  | 1638 mm             |  |
| r4  | 559 mm              |  |
| 17  | 73 °                |  |
| 13  | 28 °                |  |
| 15  | 198 mm              |  |
| 14  | 28 °                |  |
| 32  | 53 mm               |  |
|     | 28 °                |  |
| n4  | 185 mm              |  |
| 10  | 1356 mm             |  |
| 20  | 320 mm              |  |
| /2  | 1265 mm             |  |
| o1  | 1676 mm             |  |
| e1  | 1676 mm             |  |
| 18  | 1979 mm             |  |
| va1 | 1440 mm             |  |
|     | 62 °                |  |
| 13  | 90 °                |  |
|     | 25 mm               |  |
|     | Rubber / 3 / Steel  |  |
|     | 10.50 km/h          |  |
|     | 16.10 km/h          |  |
|     | 4345 kg             |  |
|     | 1919 kg             |  |
|     | 2295 kg             |  |
|     |                     |  |
|     | Yanmar              |  |
|     | 4TNV98C-NMS2        |  |
|     | Radial Piston       |  |
|     | 51.70 kW @ 2500 rpm |  |
|     | 51 kW / 2500 rpm    |  |
|     | 241 Nm              |  |
|     | 69.30 Hp            |  |
|     | 12 V                |  |
|     | 950 A               |  |
|     | 12 V / 100 A        |  |
|     |                     |  |
|     | 71 l/min            |  |
|     |                     |  |
|     | 91                  |  |
|     | 39                  |  |
|     | 62.50 l             |  |
|     |                     |  |
|     | 12.90               |  |
|     |                     |  |
|     | 12.90               |  |
|     | 12.90               |  |

## 1650RT - Dimensional drawing



## Equipment

| Lifting function   |          |
|--|----------|
| All-Tach® Attachment Mounting System                     | Standard |
| Auxiliary Hydraulics                                     | Standard |
| Electronic Attachment Control - 14-Pin Connector         | Optional |
| High-Flow Auxiliary Hydraulics                           | Optional |
| IdealTrax <sup>™</sup> 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 |
| Servo-Controlled Hydrostatic Drive                       | Standard |
| Two-Speed Hydrostatic Drive System                       | Standard |
| Operator station   |          |
| Air suspension seat                                      | Optional |
| Foot Throttle  | Standard |
| Full-Suspension Seat                                     | Standard |
| Multi-Function Display Screen                            | Standard |
| Pressurized Cab Enclosure with A/C                       | Optional |
| Rearview Camera  | Optional |
| 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  | Optional |
| Easy Manager   | Standard |
| Engine Alert System with Error Display                   | Standard |
| Mechanical Lift Cylinder Lock                            | Standard |
|  |          |



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



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes