Technical sheet:

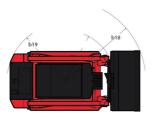
1850RT



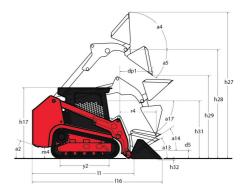


Cepoalities 0 Max. capacity 0 Operating Weight 0 Unlader weight 0 Operating Capacity At 50% Tipping Load 1 Tipping capacity 1 Weight and dimensions 2 Overall Depenting Height Fully Raised 267 Height to Hinge Fin Fully Raised 268 Dump age at full height 6 Dump age at full height 16 Dump age at full height 16 Overall Leight with bucket 11 Overall Leight with buc	Metric 2398 kg 4128 kg 4128 kg 839 kg
Max. capacity q Operating Qapacity at 35% Tipping Load ————————————————————————————————————	4128 kg 4128 kg
Unladen weight Operating Capacity at 35% Tipping Load Operating Capacity At 50% Tipping Load Tipping capacity Weight and dimensions Overall Operating Height - Fully Raised high to Highe Pin - Fully Raised high to Highe Pin - Fully Raised high and dimensions Overall Operating Height - Fully Raised high to Higher Pin - Fully Raised high and the High to high to high to high a significant of the Maximum Rollback Angle - Fully Raised high and Awarimum Rollback Angle - Fully Raised Overall Height to the pof RDPS high and the High to high to high to high and the High to high and the High to high to high and the High the Hi	4128 kg 4128 kg
Unlader weight Operating Capacity at 35% Tipping Load Operating Capacity at 35% Tipping Load Tipping capacity Weight and dimensions Overall Operating Height - Fully Raised	4128 kg
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 raceah - Full height h29 Dump angle at full height h29 Maximum Roliback Angle - Fully Raised h17 Overall Height to top of ROPS h17 Overall Height to top of ROPS h17 Overall Height without Bucket H16 Overall Height Minout Bucket H17 Sepcified Height h31 Reach at Specified Height h41 Dump angle at specified height h31 Reach at Specified Height h42 Dump angle at specified height h44 Dump angle at specified height h44 Dump angle at specified height h45 Dump angle at specified height h46 Dump angle at specified height h47 Dump angle at specified height h48 Dump angle at specified height h49 Dump angle at specified height h49 Dump angle at specified height h49 Dump angle at specified height h40 Du	
Operating Capacity At 50% Tripping Load Tipping capacity Weight and dimensions Overall Operating Height - Fully Raised h27 Height to Hinge Pin - Fully Raised h28 Dump angle at full height f6 Dump angle at full height h29 Maximum Rollback Angle - Fully Raised a4 Overall Height to top of ROPS h17 Overall Height to top of ROPS h17 Overall Height without Bucket I16 Overall Height though but bucket I1 Overall Height though the Height h31 Reach at Specified Height h31 Reach at Specified Height a1 Maximum Rollback Angle at Ground a13 Cary Position d5 Maximum Rollback Angle at Carry Position d5 Maximum Rollback Angle at Carry Position d6 Maximum Rollback Angle at Carry Position d14 Digging Position h32 Angle of Departure with STD Counterweight 6 Gound Gearnee m4 Track Shoe Width b20 Crawler base <td></td>	
Tipping capacity Weight and dimensions Weight and dimensions Dump rade at full keight Dump sangle at full keight Dump sangle at full keight Dump sangle at full keight Sas Dump Height. Fully Raised Auximum Rollback Angle - Fully Raised Maximum Rollback Angle - Fully Raised Maximum Rollback Angle - Fully Raised Auximum Rollback Angle - Fully Raised Dureall Leight with to top of ROPS Hi 77 Overall Leight with bucket II 6 Specified Height Backen that Specified Height Auximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Angle of Departure with STD Counterweight Ground clearance Angle of Departure with STD Counterweight Ground clearance Track gauge bil Oracwier base Queell with less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Radius - Front with Bucket Bucket Width Clearance Circle - Rear Maximum Rollback at specified height Angle of Approach Grouser Height Track Speel Ground Speed - Single Speed Ground Speed - Two Speed Ground Fasenace Engine brande Engine model Motor Type	1199 kg
Weight and dimensions h27 Overall Operating Height - Fully Raised h28 Dump reach - Full height r6 Dump apie at full height a5 Dump apie at Full y Raised h29 Maximum Rollback Angle - Fully Raised h29 Maximum Rollback Angle - Fully Raised a4 Overall Height to top of ROPS h17 Overall Height with bucket 116 Overall Length without Bucket 11 Specified Height h31 Reach at Specified Height 4 Dump angle at specified Height a17 Maximum Rollback Angle at Ground a18 Cary Position d5 Maximum Rollback Angle at Cany Position a14 Digging Position h32 Angle of Departure with STD Counterweight a14 Ground Clearance m4 Track Sauge b10 Crawler base y2 Overall with less bucket b16 Discket Width e1 Clearance Radius - Front with Bucket b18 Clearance Radius - Front	2398 kg
Overall Operating Height - Fully Raised h28 Height to Hinge Pin - Fully Raised f6 Dump angle at full height a5 Dump Height - Fully Raised a5 Dump Height - Fully Raised a4 Overall Height to top of ROPS h17 Overall Height with bucket l16 Overall Length with bucket l16 Overall Length without Bucket l16 Specified Height h31 Reach at Specified height r4 Dump angle at specified height r4 Waximum Rollback Angle at Ground a13 Carry Position d5 Maximum Rollback Angle at Carry Position d5 Maximum Rollback Angle at Carry Position m32 Angle of Departure with STD Counterweight m4 Ground Clearance m4 Track Shoe Width b20 Crawler base y2 Overall width less bucket b1 Bucket Width e1 Clearance Circle - Rear wa1 Maximum rollback at specified height rangle of Approach	2070 kg
Height to Hinge Pin — Fully Raised	4267 mm
Dump reach - Full height a5 Dump agle at full height b29 Maximum Rollback Angle - Fully Raised a4 Overall Height to top of ROPS h17 Overall Leight without Bucket 116 Overall Leight without Bucket 111 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 d5 Maximum Rollback Angle at Carry Position h32 Angle of Departure with STD Counterweight m4 Ground clearance m4 Track yauge b10 Crawler base y2 Overall width less bucket b1 Bucket Width e1 Clearance Radius - Front with Bucket b18 Clearance Circle - Rear b18 Maximum rollback at specified height a3 Angle of Approach s 3 Grouser Height r Track Type / Track Rollers / Rol	3251 mm
Dump angle at full height h29 Dump Height - Fully Raised a4 Overall Height to top of RDPS h17 Overall Height to top of RDPS h16 Overall Length with bucket 116 Overall Length without Bucket 11 Specified Height n3 Reach at Specified Height a17 Maximum Rollback Angle at Ground a13 Carry Position d5 Maximum Rollback Angle at Carry Position b12 Angle of Departure with STD Counterweight m4 Ground clearance m4 Ground clearance m4 Track Saugue b10 Track Saugue b10 Crawler base y2 Overall width less bucket b1 Bucket Width e1 Clearance Radius - Front with Bucket b18 Clearance Radius - Front	876 mm
Dump Height - Fully Raised a4 Maximum Rollback Angle - Fully Raised h17 Overall Height to top of ROPS h17 Overall Height with bucket 116 Overall Height without Bucket 11 Specified Height 44 Dump angle at specified height a13 Kaximum Rollback Angle at Ground a13 Carry Position a5 Maximum Rollback Angle at Carry Position h32 Angle of Departure with STD Counterweight a14 Ground clearance m4 Track gauge b10 Track Shoe Width b20 Creawler base b20 Overall width less bucket b1 Bucket Width e1 Clearance Radius - Front with Bucket b18 Clearance Radius - Front with Bucket b18 Clearance Radius - Front with Bucket a3 Ground Speed - Rear wa1 Angle of Approach a5 Ground Speed - Single Speed a5 Ground Speed - Single Speed a5 Ground Speed - Single Speed <td>40.20 °</td>	40.20 °
Maximum Rollback Angle - Fully Raised a4 Overall Height to to pof 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 d5 Maximum Rollback Angle at Carry Position d14 Digging Position a14 Ground clearance m4 Track Save Width b10 Track Save Width b20 Crawler base y2 Overall width less bucket b1 Bucket Width e1 Clearance Radius - Front with Bucket b18 Clearance Circle - Rear wa1 Maximum rollback at specified height wa1 Maximum rollback at specified height a3 Ground Speed - Single Speed cround Speed - Single Speed Ground Speed - Two Speed cround Speed - Two Speed	2489 mm
Overall Height to top of ROPS h17 Overall Length with bucket 116 Overall Length with bucket 11 Specified Height h31 Reach at Specified Height r4 Dump angle at specified height a17 Maximum Rollback Angle at Ground d5 Maximum Rollback Angle at Carry Position d5 Maximum Rollback Angle at Carry Position h32 Angle of Departure with STD Counterweight r4 Ground clearance rm4 Track Sauge b10 Track Shoe Width b20 Crawler base y2 Overall width less bucket b1 Bucket Width e1 Clearance Radius - Front with Bucket b18 Clearance Circle - Rear wa1 Maximum rollback at specified height a3 Angle of Approach a3 Ground Speed - Single Speed s6 Ground Speed - Single Speed s6 Ground Speed - Two Speed s6 Drawbar Pull/Tractive Effort s6 Bucket Breakout - Lift Cylinde	102.50 °
Overall length with bucket I16 Overall Length without bucket I1 Specified Height h31 Reach at Specified Height r4 Dump angle at specified height a17 Maximum Rollback Angle at Ground d5 Carry Position d5 Maximum Rollback Angle at Carry Position a14 Digging Position h32 Angle of Departure with STD Counterweight m4 Ground clearance m4 Track gauge b10 Track Shoe Width b20 Crawler base y2 Overall width less bucket b1 Bucket Width e1 Clearance Radius - Front with Bucket b18 Clearance Circle - Rear wa1 Angle of Approach a3 Gouser Height a3 Track Type / Track Rollers / Roller Type a4 Performances a5 Ground Speed - Single Speed a5 Ground Speed - Two Speed a5 Drawbar Pull/Tractive Effort a5 Bucket B	
Overall Length without Bucket 11 Specified Height r4 Dump angle at specified height a17 Maximum Rollback Angle at Ground a13 Carry Position d5 Maximum Rollback Angle at Carry Position h32 Angle of Departure with STD Counterweight m4 Ground clearance m4 Track gauge b10 Crawler base y2 Overall width less bucket b1 Bucket Width e1 Clearance Radius - Front with Bucket b1 Clearance Radius - Front with Bucket e1 Clearance Radius - Front with Bucket a3 Grouer Begine Track Type / Track Rollers / Roller Type a3 Ground Speed - Single Speed a3 Ground Speed - Two Speed b1 Drawbar Pull/Tractive Effort b1 Bucket Breakout - Tilt Cylinder b1 Bucket Breakout - Lift Cylinder b1 Bucket Breakout - Lift Cylinder b1 Bucket Breakout - Lift Cylinder b1 Brigine brand b1	2103 mm
Specified Height r.4 Reach at Specified Height r.4 Dump angle at Specified Height a17 Maximum Rollback Angle at Ground d5 Maximum Rollback Angle at Carry Position a14 Digging Position h32 Angle of Departure with STD Counterweight m4 Ground clearance m4 Track gauge b10 Track Shoe Width b20 Crawler base y2 Overall width less bucket b1 Bucket Width e1 Clearance Radius - Front with Bucket b18 Clearance Circle - Rear wa1 Maximum rollback at specified height wa1 Angle of Approach a3 Grouser Height Track Type / Track Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Front Speed - Two Speed Ground Speed - Two Speed Front Speed - Two Speed Bucket Breakout - Lift Cylinder Front Speed - Two Speed Engline brand Engline model Motor Type Front Speed - Two Spee	3754 mm
Reach at Specified Height r4 Dump angle at specified height a17 Maximum Rollback Angle at Ground d5 Carry Position a14 Digging Position h32 Angle of Departure with STD Counterweight ————————————————————————————————————	2921 mm
Dump angle at specified height a17 Maximum Rollback Angle at Ground d5 Maximum Rollback Angle at Carry Position a14 Digging Position h32 Angle of Departure with STD Counterweight ————————————————————————————————————	1715 mm
Maximum Rollback Angle at Ground a13 Carry Position d5 Maximum Rollback Angle at Carry Position h32 Digging Position	790 mm
Carry Position d5 Maximum Rollback Angle at Carry Position a14 Digging Position h32 Angle of Departure with STD Counterweight Face Ground clearance m4 Track gauge b10 Track Shoe Width b20 Crawler base y2 Overall width less bucket b1 Bucket Width e1 Clearance Radius - Front with Bucket b18 Clearance Radius - Front with Bucket b18 Clearance Citcle - Rear wa1 Assimum rollback at specified height wa1 Maximum rollback at specified height wa2 Frouger Height sa3 Grouser Height sa Track Speed - Single Speed sa Ground Speed - Single Speed sa Ground Speed - Single Speed sa Bucket Breakout - Tilt Cylinder sa Bucket Breakout - Tilt Cylinder sa Bucket Breakout - Lift Cylinder sa Brogine sa Frought sa B	66.80 °
Maximum Rollback Angle at Carry Position a14 Digging Position h32 Angle of Departure with STD Counterweight	30 °
Digging Position h32 Angle of Departure with STD Counterweight m4 Ground clearance m4 Track gauge b10 Track Shoe Width b20 Crawler base y2 Overall width less bucket b1 Bucket Width e1 Clearance Radius - Front with Bucket b18 Clearance Circle - Rear wa1 Maximum rollback at specified height wa1 Angle of Approach a3 Grouser Height rack Type / Track Rollers / Roller Type Performances ground Speed - Single Speed Ground Speed - Single Speed ground Speed - Two Speed Drawbar Pull/Tractive Effort ground Speed - Tilt Cylinder Bucket Breakout - Tilt Cylinder ground Speed - Single Speed Brogline ground Speed - Single Speed Brogline Broad ground Speed - Single Speed Ground Speed - Tilt Cylinder ground Speed - Single Speed Bround Speed - Single Speed ground Speed - Single Speed Bround Speed - Single Speed ground Speed - Single Speed Bround Speed - Single Spee	208 mm
Angle of Departure with STD Counterweight Ground clearance m4 Track gauge 510 Track Shoe Width 520 Crawler base 72 Overall width less bucket 51 Bucket Width 61 Clearance Radius - Front with Bucket 51 Clearance Radius - Front with Bucket 51 Clearance Circle - Rear 51 Maximum rollback at specified height 51 Argle of Approach 51 Grouser Height 51 Track Type / Track Rollers / Roller Type 71 Performances 72 Ground Speed - Single Speed 73 Ground Speed - Single Speed 74 Bucket Breakout - Tilt Cylinder 72 Bucket Breakout - Tilt Cylinder 74 Bucket Breakout - Lift Cylinder 75 Bucket Breakout - Lift Cylinder 75 Bucket Breakout - Lift Cylinder 75 Bucket Breakout - Tilt Cylinder 75 Buc	31.60 °
Ground clearance m4 Track gauge b10 Track Shoe Width b20 Crawler base y2 Overall width less bucket b1 Bucket Width e1 Clearance Radius - Front with Bucket b18 Clearance Circle - Rear wa1 Maximum rollback at specified height wa1 Angle of Approach a3 Grouser Height sa3 Fromances cround Speed Ground Speed - Single Speed cround Speed - Single Speed Ground Speed - Two Speed cround Speed - Two Speed Bucket Breakout - Tilt Cylinder cround Speed - Two Speed Bucket Breakout - Lift Cylinder cround Speed - Two Speed Bucket Breakout - Tilt Cylinder cround Speed - Two Speed Bucket Breakout - Tilt Cylinder cround Speed - Two Speed Bucket Breakout - Tilt Cylinder cround Speed - Two Speed Bucket Breakout - Tilt Cylinder cround Speed - Two Speed Browner - Two Speed	23 mm
Track gauge b10 Track Shoe Width b20 Crawler base y2 Overall width less bucket b1 Bucket Width e1 Clearance Radius - Front with Bucket b18 Clearance Circle - Rear wa1 Maximum rollback at specified height wa1 Angle of Approach a3 Grouser Height Frack Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Fround Speed - Two Speed Drawbar Pull/Tractive Effort Sucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Fround Speed - Two Speed Engine Fround Speed - Two Speed Engine brand Fround Speed - Two Speed	30.40 °
Track Shoe Width b20 Crawler base y2 Overall width less bucket b1 Bucket Width e1 Clearance Radius - Front with Bucket b18 Clearance Circle - Rear wa1 Maximum rollback at specified height	318 mm
Crawler basey2Overall width less bucketb1Bucket Widthe1Clearance Radius - Front with Bucketb18Clearance Circle - Rearwa1Maximum rollback at specified heightwa1Angle of Approacha3Grouser HeightFrack Rollers / Roller TypePerformancesFormancesGround Speed - Single SpeedFormand Speed - Single SpeedGround Speed - Two SpeedForward Pull/Tractive EffortBucket Breakout - Tilt CylinderFormancesBucket Breakout - Tilt CylinderFormand Speed - Formand Speed -	1313 mm
Overall width less bucket b1 Bucket Width e1 Clearance Radius - Front with Bucket b18 Clearance Circle - Rear wa1 Maximum rollback at specified height	320 mm
Bucket Width 61 Clearance Radius - Front with Bucket 518 Clearance Circle - Rear 72 Maximum rollback at specified height Angle of Approach 73 Grouser Height Track Type / Track Rollers / Roller Type 73 Ground Speed - Single Speed 74 Ground Speed - Single Speed 74 Ground Speed - Two Speed 75 Bucket Breakout - Tilt Cylinder 75 Bucket Breakout - Lift Cylinder 75 Bucket Breakout - Lift Cylinder 75 Bungine brand 75 Engine model 75 Motor Type 75 Motor	1392 mm
Clearance Radius - Front with Bucket b18 Clearance Circle - Rear wa1 Maximum rollback at specified height	1636 mm
Clearance Circle - Rear wa1 Maximum rollback at specified height a3 Grouser Height Frack Type / Track Rollers / Roller Type	1674 mm
Maximum rollback at specified height 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 Engine brand Engine model Motor Type	2322 mm
Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Unwhar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Bugher Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type	1666 mm
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 Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type	66.80 °
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 Engine brand Engine model Motor Type	90 °
Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine Engine brand Engine model Motor Type	25 mm
Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine Engine brand Engine model Motor Type	Rubber / 4 / Steel
Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine Engine brand Engine model Motor Type	
Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine Engine brand Engine model Motor Type	9.50 km/h
Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine Engine brand Engine model Motor Type	14.20 km/h
Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type	4635 kg
Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type	2429 kg
Engine Engine brand Engine model Motor Type	2275 kg
Engine model Motor Type	
Engine model Motor Type	Yanmar
Motor Type	4TNV98C-NMSL
•	Axial Piston with Planetary Gear Box Reduction
Global Function Control of Contro	51.70 kW @ 2500 rpm
Net Power / Power	51.70 kW @ 2500 rpm
Max. torque	241 Nm
Max. torque I.C. Engine power rating	241 Nm 69.30 Hp
• • •	
Battery voltage	12 V
Cold Cranking Amps at Temperature (CCA)	850 A
Alternator - Voltage / Ampere	14 V / 100 A
Tank capacities	46.101
Oil Pan Capacity	10.40
Hydraulic oil tank capacity	41.60 l
Fuel tank	91 I
Coolant system capacity	13.30 I
Displacement / Number of cylinders	3.30 / 4
Miscellaneous	

1850RT - 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™ 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





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