Technical sheet:

1900R NXT2





Sensing Night Sensing Nigh		1900R NXT2 Create	ed on August 11, 2025 at 5.20 AM 010
Speaking Wiley Speaking Spe	Capacities		Metric
Weight and dimensions	Operating Capacity At 50% Tipping Load		861.82 kg
Weight and dimensions	Operating Weight		3172.87 kg
Overall Operating Height - Fully Pailsaed 1627 3886.20 mm Height to Minge Pin - Fully Pailsaed 1628 3822.260 mm Overall Height to top of ROPS 117 1955.28 mm Dump along at Full Height a5 38* Overall Height to top of ROPS 116 325.20 mm Overall Height to top of ROPS 116 325.12 mm Overall Height to top of ROPS 116 525.20 mm Overall Height to top of ROPS 16 544.20 mm Rollback a figurud a13 28** Rollback a figurud 44 99* Seat to gound height 150 90.42 mm Overall width less bucket 151 1574.60 mm Bucket Width a1 1676.40 mm Bucket Width a1 1676.40 mm Clearance Reduise - Front with Bucket b18 2032 mm Clearance Reduise - Front with Bucket b18 2032 mm Clearance Reduise - Front with Bucket b18 2032 mm Clearance Reduise - Front with Bucket b18 2032 mm Clearance Redui	Weight and dimensions		
Overall Operating Height - Fully Naised 1627 3888.20 mm Height to Singo Pa - Fully Waised 1628 8022.20 mm Overall Height to top of ROPS 1h17 1955.80 mm Dump and jed full Height 6 237.00 mm Oward Height to Stop of ROPS 1h16 2351.20 mm Oward Inghly with bucket 1h6 584.20 mm Oward Inghly with Ducket August 1h6 584.20 mm Bollback Aday at Full Height 4 9° Seat to ground height 44 9° Seat to ground height 1h30 904.24 mm Overall With less bucket 1b1 157.480 mm Bucket Width e1 167.640 mm Ground clearance m4 10.02 mm Clearance Radius - Front with Bucket 1g2 244.00 cm Clearance Radius - Front with Bucket 1g2 244.00 cm Tarvel Speed Quithouth 11.25 km.7h 11.25 km.7h Tarvel Speed Quithouth 11.25 km.7h 11.25 km.7h Tarvel Speed Quithouth 11.25 km.7h 11.25 km.7h Wheel<	Wheelbase	у	1066.80 mm
Ownell Height to op of ROPS	Overall Operating Height - Fully Raised		3886.20 mm
Ownell Height to op of ROPS	Height to Hinge Pin - Fully Raised	h28	3022.60 mm
Dump height h29 2337 AD nm Oump height 116 3251 20 mm Dump heach - Full height 16 584 20 mm Kollback at ground a13 28 ° Kollback Angle at Full Height a4 99 ° Seat to ground height 1830 904 24 mm Overall width less bucket b1 1574 80 mm Bucket Width e1 1676 40 mm Gound clearance m4 160.02 mm Owerall length - Less Bucket 12 2446 02 mm Clearance Radius - Front with Bucket 18 203 mm Clearance Radius - Front with Bucket 18 203 mm Tarred speed (midden) 1 12.55 km/h Tarred Speed (midden) 1 19.47 km/h Tarred Speed (midden) 1 19.47 km/h Wheels 1 10 x 16.5 Engine 1 10 x 16.5 Engine brand 1 10 x 16.5 Engine brand 2 1 x 10 x 16.5 Engine brand 2 1 x 10 x 16.5	Overall Height to top of ROPS	h17	1955.80 mm
Ownall Inagh with bucket 116 2551.20 mm Dump neach - Full height 16 3584.20 mm Rollback at gown a13 28 ° Rollback Angle at Full Height a4 99 ° Sea to ground Height h30 99.22 mm Overall width less bucket b1 1574.80 mm Overall width less bucket b1 1574.80 mm Owerall leigh - Less Bucket b1 2446.02 mm Overall leigh - Less Bucket b1 2446.02 mm Overall leigh - Less Bucket b1 21 ° Clearance Redius - Front with Bucket b18 2022 mm Read departure angle b18 2022 mm Read departure angle b18 21 ° Performances b18 21 ° Read departure angle b18 21 ° Standard dies b19 41 ° Engine wind b18	Dump angle at full height	a5	38 °
Ownall Inagh with bucket 116 2551.20 mm Dump neach - Full height 16 3584.20 mm Rollback at gown a13 28 ° Rollback Angle at Full Height a4 99 ° Sea to ground Height h30 99.22 mm Overall width less bucket b1 1574.80 mm Overall width less bucket b1 1574.80 mm Owerall leigh - Less Bucket b1 2446.02 mm Overall leigh - Less Bucket b1 2446.02 mm Overall leigh - Less Bucket b1 21 ° Clearance Redius - Front with Bucket b18 2022 mm Read departure angle b18 2022 mm Read departure angle b18 21 ° Performances b18 21 ° Read departure angle b18 21 ° Standard dies b19 41 ° Engine wind b18	Dump height		2387.60 mm
Dump each - Full height 6 \$84.20 mm Rollback A ground a3 28 * Rollback Angle a Full Height a4 99 * Sast to ground height h30 904.24 mm Overall width less bucket b1 1578.80 mm Bucket Width e1 1676.40 mm Ground cleannce m4 160.02 mm Overall eingth - Less Bucket i2 244.60 mm Overall eingth - Less Bucket b18 2032 mm Clearance Radius - Front with Bucket b18 2032 mm Rear departure angle b18 2032 mm Petformances		116	
Rollback At ground a13 28 ° Rollback Angle at Full Height a4 99 ° Seat to ground height h30 90.24 mm Owerall width less bucket b1 157.48 mm Bucket Width e1 167.64 mm Ground clearance m4 160.02 mm Overall length - Less Bucket i2 244.62 mm Clearance Radius - Friont with Bucket i2 244.62 mm Clearance Radius - Friont with Bucket i8 203 mm Rear departue angle i1 21 ° Performances 1 12.55 km/h Travel speed (unidorh) 19.47 km/h 19.47 km/h Weels 1 19.47 km/h 19.47 km/h Weels 1 19.47 km/h 19.47 km/h Weels 1 19.47 km/h 19.47 km/h William 4 19.47 km/h 19.47 km/h Weels 10 km/s 19.47 km/h 19.47 km/h Weels 10 km/s 19.47 km/h 19.48 km/s 19.48 km/s 19.48 km/s	•		
Rollback Angle at Full Height a4 99 ° Seat to ground height h30 94.24 mm Overall width less bucket b1 157.80 mm Bucket Width e1 167.84 mm Ground clearance m4 160.02 mm Overall leingh - Less Bucket b18 202 mm Clearance Radius - Front will Bucket b18 2022 mm Rear depanture single 21 ************************************	· ·		
Seat to ground height h30 904.24 mm Overall widh less bucket 01 1574.80 mm Ground Clearance m4 160.02 mm Ground Clearance m4 160.02 mm Overall leight - Less Bucket 12 2446.02 mm Clearance Radius - Front with Bucket b18 2032 mm Rear departue angle 21 Tender Spead (unladen) Travel Spead with Two Speed Option - Maximum 19.47 km/h 19.47 km/h Wheels 10 x 16.5 Tender Spead (unladen) 19.47 km/h Wheels 2 Tender Spead (unladen) 19.47 km/h Wheels 10 x 16.5 Tender Spead (unladen) 19.47 km/h Wheels 10 x 16.5 Tender Spead (unladen) 19.47 km/h Wheels 10 x 16.5 Tender Spead (unladen) 19.47 km/h Wheels 10 x 16.5 Tender Spead (unladen) 19.47 km/h Wheels 10 x 16.5 Tender Spead (unladen) 19.47 km/h Tender Spead (unladen) 19.47 km/h Tender Spead (unladen) 19.47 km/h Tender Spead (unladen) 19.47 km	•		
Owerall width less bucket b1 1 574 80 mm Bucket Width e1 1 1676.40 mm Ground clearance m4 1 10.02 mm Owerall length - Less Bucket 12 2 246.02 mm Clearance Radius - Front with Bucket b18 2032 mm Rear departure angle b18 2032 mm Rear departure angle			
Bucket Width e1 1676.40 mm Ground cleasance m4 150.02 mm Overall length - Less Bucket 12 2446.02 mm Clearance Radius - Front with Bucket b18 2032 mm Rear departure angle 5 21** Performances 8 19.25 km/h Travel Speed (unladen) 19.47 km/h 19.47 km/h Travel Speed (unladen) 19.47 km/h 19.47 km/h Wheels 19.47 km/h 19.47 km/h Slandard lies 19.47 km/h 19.47 km/h Engine band 9 10.16.5 Engine band Yanmar 19.47 km/h Engine bower 47 km/m2v 19.47 km/h Gross Power 51.67 kW 51.67 kW Nel Power 24.1 km/ 1625 pm Power source 10 issel 69.30 Hp Battery voltage 6.9.30 Hp 12.4 km/h Starter 3 kW 12.4 km/h Hydraulics 9.70 Humin 20.7 bur Auxiliary hydraulics Pressure 200 bar 200 bar	•		
Ground clearance m4 160.02 mm Overal lieight - Less Bucket 12 2446.02 mm Clearance Radius - Front with Bucket b18 2032 mm Rear departure angle			
Overall length - Less Bucket 12 2446.02 mm Clearance Radius - Front with Bucket b18 2032 mm Rear departure angle 21* 12* Performances 12.55 km/h 12.55 km/h Travel Speed (Inladen) 19.47 km/h 19.47 km/h Wheels 10 19.47 km/h Standard fires 10 19.47 km/h Engine 4 4 Engine brand 4 4TM/98C-NMS2V Engine brand 4 4TM/98C-NMS2V Engine nome 4 51.67 kW Net Power 51.67 kW 51.67 kW Net Power 51.67 kW 51.67 kW Net Power 51.67 kW 51.67 kW Net Longue / Engine rotation 241 km / 1625 pm Power source 69.30 Hp 51.67 kW LC. Engine power rating 51.67 kW 51.67 kW Standard flow - Auxiliary hydraulics 20.05 km/s 12.V Standard flow - Auxiliary hydraulics 70.78 l/min 20.05 km/s Auxiliary hydraulic Pressure 20.05			
Clearance Radius - Front with Bucket 21° Rear departure angle 21° Performances ————————————————————————————————————			
Rear departure angle 21 ° Porformances 12.55 km/h Travel Speed (unladen) 19.47 km/h Travel Speed with Two Speed Option - Maximum 19.47 km/h Wheels 10 x 16.5 Standard tires 6 Engine 7 Engine brand 4TNV98C-NM52V Engine model 4TNV98C-NM52V Engine model 51.67 kW Gross Power 51.67 kW Nel Power 51.67 kW Net Power 241 km / 1625 pm Power source Diesel 1C. Engine power rating 69.30 Hp Battery voltage 12 V Starer 3 kW Hydraulic 3 kW Hydraulic Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 113.94 l/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 200 bar Fleel tank 3 5.96 l Noise on wire morner (LW) 100 dB Whole-Body Wirbstion (ISO 2631-1) 100 dB	•		
Performances 12.55 km/h Travel Speed (uifladen) 19.47 km/h Wheels 19.47 km/h Standard tiles 10 x 16.5 Engine 10 x 10.5 Engine brand 4TN/96C-NNS2V Engine model 4TN/96C-NNS2V Engine norm Stage IlliA Gross Power 51.67 kW Net Power 241 km / 1625 pm Power source Diesel LC. Engine power rating 69.30 Hp Battery voltage 12 V Starder 3 kW Hydraulics 70.78 l/min Auxiliary Hydraulics Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 113.94 l/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 58.67 l Hydraulic tank capacity 35.96 l Noise to environment (LWA) 0.96 m/s² Whole-Body Vibration (ISO 2631-1) 0.96 m/s²		510	
Travel speed (unladen) 12.55 km/h Travel Speed Option - Maximum 19.47 km/h Wheels 10x 16.5 Standard tires 10x 16.5 Engine 47 mmar Engine brand 47 NV98C+MS2V Engine nomel Stage IIIA Gross Power 51.67 kW Net Power 51.67 kW Net Power 241 km / 1625 rm Power source Diesel LC. Engine power rating 69.30 Hp Battery voltage 12 V Starter 3 kW Hydraulic 3 kW Hydraulic Pressure 70.78 l/min Lidard flow - Auxiliary Hydraulic Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 113.94 l/min High-Flow Auxiliary Hydraulics - Option 200 bar Fuel tank 5.8.67 l Hydraulic nak capacity 35.96 l Noise to environment (LWA) 100 dB Whole-Body Vibration (ISO 2631-1) 0.96 m/s²			21
Travel Speed with Two-Speed Option - Maximum 19.47 km/h Wheels Common Comment (LwA) Standard tires 10 x 16.5 Engine Common Co			12 55 km/h
Wheels 10 x 16.5 Standard tires 10 x 16.5 Engine 10 x 16.5 Engine brand Yanmar Engine model 4TNV98C-NMS2V Engine norm 5tsage IIIA Gross Power 51.67 kW Net Power 51.67 kW Max. torque / Engine rotation 241 Nm / 1625 rpm Power source Diesel LC. Engine power rating 69.30 Hp Battery voltage 12 V Standard flow - Auxiliary Hydraulics 3 kW Hydraulics 207 bar High-Flow Auxiliary Hydraulics - Option 207 bar High-Flow Auxiliary Hydraulics - Option 200 bar Tank capacities 58.67 I Fuel tank 58.67 I Hydraulic tank capacity 58.67 I Noise to environment (LWA) 100 dB Whole-Body Vibration (ISO 2631-1) 100 dB			
Engine 10 x 16.5 Engine brand Yannar Engine horned 4TNV98C-NMS2V Engine norm Stage IIIA Gross Power 51.67 kW Net Power 51.67 kW Max. torque / Engine rotation 241 Nm / 1625 pm Power source Diesel LC. Engine power rating 69.30 Hp Battery voltage 9.30 Hp Starter 3 kW Hydraulics 207 bar High-Flow Auxiliary hydraulics - Option 207 bar High-Flow Auxiliary hydraulics - Option 200 bar Tilligh-Flow Auxiliary hydraulics Pressure - Option 200 bar Till (specifies) 58.67 I Fuel tank 58.67 I Hydraulic tank capacity 58.67 I Noise and vibration 100 dB Noise and vibration 100 dB Whole-Body Vibration (ISO 2631-1) 0.96 m/s²			15.47 Kilyil
Engine Manual Engine brand 4TNV98C-NRS2V Engine model 4TNV98C-NRS2V Engine norm 51.67 kW Gross Power 51.67 kW Net Power 241 Nm / 1625 rpm Power source Diesel L.C. Engine power rating 69.30 Hp Battery voltage 12 V Starder 3 kW Hydraulics 70.78 l/min Auxiliary Hydraulics Pressure 207 bar High-Flow Auxiliary Hydraulics Option 200 bar Tank capacities 200 bar Fuel tank 58.67 l Hydraulic loths capacity 58.67 l Noise and wibration 100 dB Noise to environment (LwA) 100 dB Whole-Body Vibration (ISO 2631-1) 0.96 m/s²			10 × 16 5
Engine brand Yanmar Engine model 4TNV98C-NMS2V Engine norm Stage IIIA Gross Power 51.67 kW Net Power 51.67 kW Max. torque / Engine rotation 241 Nm / 1625 rpm Power source Diesel L.C. Engine power rating 69.30 Hp Battery voltage 3 kW Starter 3 kW Hydraulics 3 kW Hydraulics 207 bar High-Flow Auxiliary hydraulics - Option 200 bar High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 200 bar Fuel tank 58.67 I Hydraulic ank capacity 35.96 I Noise and vibration 100 dB Noise to environment (LwA) 100 dB Whole-Body Vibration (ISO 2631-1) 0.96 m/s²			10 X 10.3
Engine model 4TNV98C-NMS2V Engine norm Stage IIIA Gross Pover 51.67 kW Net Power 241 Nm / 1625 rpm Max. torque / Engine rotation 241 Nm / 1625 rpm Power source Diesel LC. Engine power rating 69.30 Hp Battery voltage 12 V Starder 3 kW Hydraulics			Vanmar
Engine norm Stage IIIA Gross Power 51.67 kW Net Power 51 kW Max. torque / Engine rotation 241 Nm / 1625 pm Power source Diesel I.C. Engine power rating 69.30 Hp Battery voltage 12 V Starter 3 kW Hydraulics 70.78 I /min Standard flow - Auxiliary hydraulics 207 bar Auxiliary Hydraulic Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 200 bar High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 200 bar Fuel tank 58.67 I Hydraulic tank capacity 35.96 I Noise and ribration 100 dB Noise to environment (LwA) 100 dB Whole-Body Vibration (ISO 2631-1) 0.96 m/s²	•		
Goss Power \$1.67 kW Net Power \$1 kW Max. torque / Engine rotation 241 Nm / 1625 rpm Power source Diesel L.C. Engine power rating 69.30 Hp Battery voltage 12 V Starter 3 kW Hydraulics 3 kW Standard flow - Auxiliary hydraulics 70.78 l/min Auxiliary Hydraulics - Option 207 bar High-Flow Auxiliary Hydraulics - Option 200 bar High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 58.67 l Fuel tank 58.67 l Hydraulic tank capacity 35.96 l Noise to environment (LwA) 100 dB Whole-Body Vibration (ISO 2631-1) 0.96 m/s²	-		
Net Power 51 kW Max. torque / Engine rotation 241 Nm / 1625 rpm Power source Diesel LC. Engine power rating 69.30 Hp Battery voltage 12 V Starter 3 kW Hydraulies 3 kW Standard flow - Auxiliary Hydraulies 70.78 l/min Auxiliary Hydraulies Pressure 207 bar High-Flow Auxiliary Hydraulies - Option 113.94 l/min High-Flow Auxiliary Hydraulies Pressure - Option 200 bar Tank capacities 35.96 l Fuel tank 35.96 l Hydraulic tank capacity 35.96 l Noise and wibration 100 dB Noise to environment (LwA) 100 dB Whole-Body Vibration (ISO 2631-1) 100 dB	•		
Max. torque / Engine rotation 241 Nm / 1625 rpm Power source Diesel I.C. Engine power rating 69.30 Hp Battery voltage 12 V Starter 3 kW Hydraulies			
Power source Diesel I.C. Engine power rating 69.30 Hp Battery voltage 12 V Starter 3 kW Hydraulics ————————————————————————————————————			
I.C. Engine power rating 69.30 Hp Battery voltage 12 V Starter 3 kW Hydraulics Standard flow - Auxiliary hydraulics 70.78 I/min Auxiliary Hydraulic Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 113.94 I/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 58.67 I Fuel tank 58.67 I Hydraulic tank capacity 35.96 I Noise and vibration 100 dB Whole-Body Vibration (ISO 2631-1) 0.96 m/s²	• •		·
Battery voltage 12 V Starter 3 kW Hydraulics ————————————————————————————————————			
Starter 3 kW Hydraulics 70.78 l/min Standard flow - Auxiliary hydraulics 207 bar High-Flow Auxiliary Hydraulics - Option 113.94 l/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 58.67 l Fuel tank 58.67 l Hydraulic tank capacity 35.96 l Noise and vibration 100 dB Whole-Body Vibration (ISO 2631-1) 0.96 m/s²			
Hydraulics 70.78 I/min Standard flow - Auxiliary hydraulic S 70.78 I/min Auxiliary Hydraulic Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 113.94 I/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 58.67 I Fuel tank 58.67 I Hydraulic tank capacity 35.96 I Noise and vibration 100 dB Whole-Body Vibration (ISO 2631-1) 0.96 m/s²	, -		
Standard flow - Auxiliary hydraulics 70.78 l/min Auxiliary Hydraulic Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 113.94 l/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 58.67 l Fuel tank 58.67 l Hydraulic tank capacity 35.96 l Noise and vibration 100 dB Whole-Body Vibration (ISO 2631-1) 0.96 m/s²			3 KW
Auxiliary Hydraulic Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 113.94 I/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 58.67 I Fuel tank 58.67 I Hydraulic tank capacity 35.96 I Noise and vibration 100 dB Whole-Body Vibration (ISO 2631-1) 0.96 m/s²			70.70.1/
High-Flow Auxiliary Hydraulics - Option 113.94 I/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities S8.67 I Fuel tank 58.67 I Hydraulic tank capacity 35.96 I Noise and vibration Union of the Company			
High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 58.67 l Fuel tank 58.67 l Hydraulic tank capacity 35.96 l Noise and vibration 50.00 m/s² Whole-Body Vibration (ISO 2631-1) 100 dB Whole-Body Vibration (ISO 2631-1) 0.96 m/s²	• •		
Tank capacities 58.67 I Fuel tank 58.67 I Hydraulic tank capacity 35.96 I Noise and vibration \$\$\$ Noise to environment (LwA) 100 dB Whole-Body Vibration (ISO 2631-1) 0.96 m/s²			
Fuel tank 58.67 I Hydraulic tank capacity 35.96 I Noise and vibration 58.67 I Noise to environment (LwA) 100 dB Whole-Body Vibration (ISO 2631-1) 0.96 m/s²			200 bar
Hydraulic tank capacity 35.96 l Noise and vibration	•		
Noise and vibration Noise to environment (LwA) Whole-Body Vibration (ISO 2631-1) 0.96 m/s²			
Noise to environment (LwA) 100 dB Whole-Body Vibration (ISO 2631-1) 0.96 m/s²			35.96
Whole-Body Vibration (ISO 2631-1) 0.96 m/s ²			
	Noise to environment (LwA)		
Vibration on hands/arms < 1.53 m/s ²			
	Vibration on hands/arms		< 1.53 m/s²





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