Technical sheet :

## **1900R NXT2**





## 1900R NXT2 Created on September 9, 2025 at 7:13 PM UTC

parata (weightIT.2.2 kgWeight and dimensionIT.2.2 kgWeight and dimensionYWeight and dimensionYWeight and dimension102Weight and dimension103Weight and dimension <td< th=""><th>Capacities</th><th></th><th>Metric</th></td<>	Capacities		Metric
parata (weightIT.2.2 kgWeight and dimensionIT.2.2 kgWeight and dimensionYWeight and dimensionYWeight and dimension102Weight and dimension103Weight and dimension <td< td=""><td>Operating Capacity At 50% Tipping Load</td><td></td><td>861.82 kg</td></td<>	Operating Capacity At 50% Tipping Load		861.82 kg
Wight and dimensionsVUWeight Shirp107388.52 mmbreall departing height Shirp107388.52 mmbegint Shirp1083023022.56 mmbreall depart to grow for ShO's117195.56 mmbreal height to Shirp1638.52 mmbreal height to Shirp1638.52 mmbreal height to Shirp16325.20 mmbreal height to Shirp16325.20 mmbreal height to Shirp16325.20 mmbreal height depart1658.42 mmbreal kapond1617.74.50 mmbreal kapond10099.42 kmbreal kapond10099.42 kmbreal kapond height10099.42 kmbreal kapond height10099.42 kmbreal kapond height10099.42 kmbreal kapond height10017.74 kmbreal kapond height10099.42 kmbreal kapond height10017.74 kmbreal kapond height10017.74 kmbreal kapond height1117.54 kmbreal kapond height1117.54 kmbreal kapond height11016.12 mmbreal kapond height11012.54 kmbreal kapond height11012.54 kmbreal kapond height12244.60 kmbreal kapond height12244.60 kmbreal kapond height1212.54 kmbreal kapond kapond1212.54 kmbreal kapond kapond1212.54 km </td <td>Operating Weight</td> <td></td> <td>3172.87 kg</td>	Operating Weight		3172.87 kg
neal loght bright Fully Baisedb22388 0.2 mmsinght bright briggs Fin Fully Baisedb233822.50 mmump angle full height OROSh1719.550 nmump angle full heightb2322.370 nmump angle full heightb2322.370 nmupm angle full heightb2322.370 nmupm angle full height6653.51.20 mmupm angle full height6653.51.20 mmupm angle full height6653.62 nmupm angle full height6132.51.20 mmupm angle full height6499.1upm angle full height6499.2upm angle full height70.299.2upm angle full height70.299.2upm angle full height70.299.2upm angle full height70.299.2upm angle full height70.2	Weight and dimensions		-
heall appeal pelaph - Fully Biasidb22338.8.2 mmbecall height ho top of ROPSh171955.80 mmump angle at full height to top of ROPSh171955.80 mmump angle at full heighth292.287.60 mmump angle at full heighth292.287.60 mmupm peach - Full keight65.83.21 c0 mmupm peach - Full height665.84.20 mmoillack at gound649.94.7oillack at gound height649.94.7oillack at gound height649.94.7uester Nill height649.94.7uester Nill height649.94.24 mmuester Nill height649.94.24 mmuester Nill height649.94.24 mmuester Nill height649.94.24 mmuester Nill height649.04.24 mmuester Nill height7.049.04.24 mmuester Nill height7.04.24 km/9.04.24 mmuester Nill height	Wheelbase	y .	1066.80 mm
light brings ProPully RelatedN23022 80 mmbread Height bots for DROPSh171955 80 mmump height Multehallh533*ump height Multehallh52387 00 mmump height Multehallh162357 00 mmump neight Auf Multehallh162357 00 mmump neight Auf Multehallh16355 20 mmump neight Auf Multehallh16355 20 mmump neight Auf Multehallh18328*ump neight Auf Multehallh18328*ump neight Auf Multehallh18328*ump neight Auf Multehallh18328*ump neight Auf Multehallh18394 24 mmublask Angoint Auf Multehallh18394 24 mmublask Angoint Auf Multehallh18302 mmublask Angoint Auf Multehallh1810 x 16 x 10 x 10	Overall Operating Height - Fully Raised		
neall eight nu bo (4 RDPSh171955 80 mmhump angle at full height6238 °hump height1622287 60 mmhveall lenght with bucket1633351 20 mmhump nach - full height66584.20 nmbillabe da gound613251 20 mmbillabe da gound61328 °billabe da gound6499 °likabe Angle at Full height6499 °likabe Angle at Full height6490 °likabe Angle at Full height70 °10 °likabe Angle at Full height6490 °likabe Angle at Full height70 °10 °		h28	3022.60 mm
nump actightafs38°nump heighth252307.50 mmnump actor /-Ul height1162351.20 mmnump actor /-Ul height16584.20 mmnump actor /-Ul height181328°nullback at gound height181399°setal orgound height180399.40.40 mmneal orgound height181090.40.40 mmneal orgound height181090.40.40 mmneal orgound height181090.40.40 mmneal orgound height181090.40.40 mmneal orgound height1810197.400 mmneal orgound height1810197.400 mmneal orgound height181020.20 mmstatistic statistic statisti		h17	1955.80 mm
nump faith1292327.04 nmbreadl length with backet163251.20 nmupun prach - Full height163251.20 nmbillabet day and Full height16384.20 rmbillabet Arg at a Full height4499 *acat to ground height4499 *backet Midde height1611574.80 nmbacket Midde height1611574.80 nmbacket Midde1611574.80 nmbacket Midde162157.80 nmbacket Midde162119.44 fmbacket Midde162119.44 fmbacket Midde162119.44 fmbacket Midde162119.44 fmbacket Midde163119.44 fmbacket Midde163119.44 fmbacket Midde163119.44 fmbacket Midde163119.44 fmbacket Midde163119.44 fmbacket Midde164 <td></td> <td>a5</td> <td>38 °</td>		a5	38 °
herail length with bucket1162251 20 mmump teach - Full height-16582 00 mmbillack at ground height-16582 00 mmbillack at ground height-169 ° 1beald under height-16150 00 40.24 mmbeald under height-16150 20 mmbeald under height-16160.02 mmbeald under height-18202 mmbeald under height-1918beald under height-1919beald under height-19 <td></td> <td></td> <td>2387.60 mm</td>			2387.60 mm
imp each - full height698.4.20 mmbillack Adg at Full Heighta1328.*billack Adg at Full Heighta139.*billack Adg at Full Heightb309.9.*billack Adg at Full Heightb309.9.*billack Adg at Full Heightb309.9.*billack Adg at Full Heightb189.9.*billack Adg at Full Heighta115.7.4.0 mmbillack Adg at Full Heighta116.7.6.0 mmbillack Adg at Full Heighta116.7.6.0 mmbillack Adg at Full Heighta122.4.6.02 mmbillack Adg at Full Heightb182022 mmbillack Adg at Full Heightb1812.5.5 fullbillack Adg at Full Heightb1812.5.5 fullbillack Adg at Full Heightb185.5.7 kWbillack Adg at Full Heightc5.5.7 kWbillack Adg at			
bibliek argounda1328 *bibliek argound in significant (significant (sig			
billack Angle at Full Height4499*billack Angle at Full Heighth30904/24 mmbeite to group heighth30904/24 mmbucket Widhet157.400 mmbucket Widhet157.640 mmbucket Widhet22446.02 mmbucket Widhb182032 mmbucket Widhb1812.55 km/hbucket Widhb1810.8 Lbucket Widhb1810.8 Lbucket Widhb1850.8 Mbucket Widhb1850.8 Mbucket Widhb1850.8 Mbucket Widhb1850.8 Mbucket Widhb1850.8 Mbucket Widhb1850.8 Mbucket Widhb1812.4 Mmbucket Widhb1812.4 Mmbucket Widhb1812.4 Mmbucket Widhb1812.4 Mm <td></td> <td></td> <td></td>			
isal to ground heighth30944 24 mmbereall with less bucketb1157.480 mmbucket Withb1157.480 mmsigned cleancem4160.02 mmsigned cleancem4160.02 mmbyerall lengh - Less Bucketb12023 2 mmbear departure angle122446.02 mmbear departure angle122446.02 mmbear departure angle1221**with Bucket132032 mmbear departure angle12.55 km/hravel Speed (indich)19.47 km/hravel Speed (indich)20.70 km/mravel Speed			
betall width less bucketbit1574 80 mmbucket Widhe11676 40 mmbucket Widhe11676 40 mmbreall pancem41600.02 mmbreall pance Radius - Fon with Bucket1224460 zmmare departure angle1221 *Stare departure angle1221 *Verdinances1412.5 km/hravel speed (mlaen)1419.47 km/hTavel speed (mlaen)1419.47 km/hRaded tire Speed Option - Maximum1419.47 km/hStare Speed with Two-Speed Option - Maximum1419.47 km/hTavel Speed (mlaen)1419.47 km/hStare Speed mit Two-Speed Option - Maximum1419.47 km/hSpine March1419.47 km/hSingle Formance24 Mit Spine Maximum19.47 km/hStare Speed mit Two-Speed Option - Maximum1419.47 km/hStare Speed Mit Two-Speed Maximum1419.47 km/hStare Speed Maximum1419.47 km/hSingle Formance24 Mit Mit Spine Maximum19.47 km/hStare Speed Maximum Advancing Maximum1419.47 km/hStare Speed Maximum Advancing Maximum14 <td></td> <td></td> <td></td>			
backet Widhet1676 40 mmisound clearancem4160.02 mmVerail lengh - Less Bucket122446.02 mmiserance Radus - Front with Bucketb182032 mmiserance Radus - Front with Bucket11iserance Radus - Front with Bucket11is			
inun diesancem4160.02 mmbveall engh - Less BucketI22446.02 mmblagance Aduit - Font with BucketB182032 mmVerformanceI2011Tarela speed (unladen)I12.55 km/hravel Speed option - MaximumI19.47 km/hYmela Speed with Two Speed Option - MaximumI10.16.5Standard fürsI10.16.5rangine DardII10.16.5rangine brandIIIrangine partIIIrangine partIIIIrangine partIIIIrangine partIIIII <td></td> <td></td> <td></td>			
berail lengh - Less Bucket122446.02 mmLessane Radius - Front with Bucketb182032 mmStard depature angleb182032 mmWater depature angle11Water depature angle11Water depature angle112.55 km/hTarel Speed with Wos Speed Option - Maximum112.55 km/hWater depature and these depature and the second and			
blasblas2002 nmlear departur angle12002 nmlear departur angle121 *fravel speed (unladen)112.55 km/hravel speed (unladen)119.47 km/hravel speed with Two-Speed Option - Maximum119.47 km/hwhels110.x 16.5rand fues110.x 16.5rangline brand1110.x 16.5rangline brand1110.x 16.5rangline brand1410.x 16.5rangline brand115rangline brand1516.7 kM/srangline brand155rangline brand1556rangline brand15566rangline brand15177rangline brand151777rand rangline brand151777rand rangline brand15177			
kar departure angle21°VerformancesIIIIirakel speed (unladen)19.47 km/hirakel speed (unladen)19.47 km/hVerlesIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			
Performance     Image Speed (unladen)     Image Spe			
ravel speed (uniaden) favel Speed Option - Maximum favel speed with Two-Speed Option - Maximum favel speed with Two-Speed Option - Maximum these fandard fires fandard fires fandard fires fandard flow - Auxiliany Mydraulics for the fact of the fac			21
Tavel Speed Option - Maximum       19.47 km/h         Wheels       10 x 16.5         thandard tires       10 x 16.5         ingine       10 x 16.5         ingine model       10 x 16.5         ingine model       41Nv98C+NMS2V         ingine model       51.67 kW         isoss Power       51.67 kW         ket Power       51.67 kW         c. Engine power rating       51.87 kW         bare source       10 x 1625 pm         C. Engine power rating       69.30 hlp         latery voltage       12 V         starder for Axiliagn hydraulics       70.78 l/min         starder for Axiliagn hydraulics       207 bar         starder for Axiliagn hydraulics - Option       207 bar         starder for Axiliagn hydraulics - Option       200 bar         starder for Axiliagn hydraulics - Option       200 bar         starder for Axiliagn hydraulics - Option       200 bar         starder for Axiliagn hydraulics - Option       35.85 l         starder for Axiliagn hydraulics - Option       35.95 l			12 55 km/b
Wheels         Image and the set of the set o	,		
Andad tires10 x 16.5ingineIIingine hordIIingine modelIIingine modelIIingine modelIIingine nomIIisoss PowerIIisoss PowerIIisoss Power actionIIisoss Power actionIIisoss Power actionIIisoss Power actingIIIII Iisoss power actingIIIII Iisoss power actingIIIII Iisoss power actingIIIII Iisoss power acting isoss power acting isos			19.47 KIII/II
Ingine         Image           ingine brand         Yanmar           ingine model         Yanmar           ingine model         ATINV98C-NMS2V           ingine norm         Stage IIIA           ingine norm         Get 30 MP           intery outge         Stage IIIA           intery outge         Stage IIIA     <			10 x 16 E
Indine brandYanmaringine model4TNV98C-NMS2Vingine norm4TNV98C-NMS2Vingine normStage IIIAsinoss Power51 kWsinoss Power51 kWdate program241 Nm / 1625 rpmbower source241 Nm / 1625 rpmc. Engine power rating241 Nm / 1625 rpmbattery voltage69.30 Hpstatery voltage3 kWtypdraulices3 kWtypdraulices3 kWtypdraulices - option200 barstandard flow - Auxiliary hydraulics - Option200 bartigh-Flow Auxiliary hydraulics - Option200 barstandcapacities200 bartigh-flow Auxiliary hydraulics Pressure - Option200 barstand capacities200 bartigh flow Auxiliary hydraulics Pressure - Option3 5.67 1stand flow - Auxiliary hydraulices Pressure - Option5 5.67 1stand withat Auxiliary hydraulices Pressure - Option3 5.67 1state and withatOm5 5.67 1state and withatOm100 dBw			10 x 10.5
ingine model 4TNV98C-NMS2V ingine norm (LWA) (MIL) (MI			Vanmar
Ingine norm         Stage IIIA           Sross Power         51.67 kW           Sross Power         51.67 kW           Set Power         51.67 kW           Aax. torque / Engine rotation         241 Nm / 1625 rpm           Power source         0biesel           C. Engine power rating         06.930 Hp           Sattery voltage         12 V           Statery voltage         3 kW           Vydraulics         70.78 l/min           Variand flow - Auxiliary Hydraulics - Option         70.78 l/min           tigh-Flow Auxiliary Hydraulics - Option         200 bar           tigh-Flow Auxiliary Hydraulics Pressure - Option         200 bar           tigh-flow Auxiliary Hydraulics Pressure - Option         35.867 l           tigh-flow Auxiliary Hydraulics Pressure - Option         35.867 l           tigh-flow Auxiliary Hydraulics Pressure - Option         35.867 l           tigh-flow Auxiliary Hydraulics Pressure - Option         35.96 l           tigh-flow Auxiliary Hydraulics Pressur			
Bross Power51.67 kWket Power5151 kVAax. torque / Engine rotation241 Nm / 1625 rpmbower source241 Nm / 1625 rpmc. Engine power rating69.30 Hpkattery voltage69.30 Hpstatery voltage12 Vstater12 Vstater70.78 l/minvoltage Information207 barstater voltage Application207 barstater207 barvoltage Information207 barstater voltage Application207 barstater voltage Application207 barvoltage Application200 barstater voltage Application200 barstater voltage Application200 barstater voltage Application35.86.71voltage Application35.96.1voltage Application35.96.1voltage Application35.96.1voltage Application35.96.1voltage Application35.96.1voltage Application35.96.1voltage Application35.96.1voltage Application35.96.1voltage Application35.96.1voltage Application100 dBvoltage Application0.96 m/s²	-		
Net PowerS1 kWAax. torque / Engine rotation241 Nm / 1625 pmPower source241 Nm / 1625 pmC. Engine power rating69.30 HpBattery voltage69.30 HpStarter3 kWYdrullos3 kWStardard flow - Auxiliary hydraulics No70.78 l/minStardard flow - Auxiliary Hydraulics - Option207 bartigh-Flow Auxiliary Hydraulics - Option207 barstardard flow - Auxiliary Hydraulics - Option207 bartigh-Flow Auxiliary Hydraulics - Option200 barstardard flow - Auxiliary Hydraulics - Option200 bartigh-Flow Auxiliary Hydraulics - Option200 barstardard flow - Auxiliary Hydraulics - Option200 bartigh-Flow Auxiliary Hydraulics - Option35.96 1tigh stardard flow - Option100 dBtigh stardard flow - Option0.96 m/s²			
Ax. torque / Engine rotation241 Nm / 1625 pmPower source0Diesel.c. Engine power rating69.30 HpBattery voltage12 VStarter3 kW <b>tydraulics</b> 3 kWtydraulics70.78 l/minStandard flow - Auxiliary Hydraulics - Option207 barsigh-Flow Auxiliary Hydraulics - Option200 barsink capacities200 bartigh-flow Auxiliary Hydraulics Pressure - Option200 barsink capacities58.67 lsited source35.96 ltogs to environment (LwA)0.96 m/s²Vible-Body Vibration (ISO 2631-1)0.96 m/s²			
Adverse         Diesel           C. Engine power rating         69.30 Hp           Extery voltage         12 V           Starter         3 kW           Aydraulics         3 kW           Aydraulics         200 bar           Starter         207 bar           Starter         207 bar           Starter         200 bar           Starter         35.96 l           Starter         35.96 l           Starter         35.96 l           Starter         100 dB           Vhole-Body Vibration (ISO 2631-1)         0.96 m/s <sup>2</sup>			
C. Engine power rating69.30 HpBattery voltage12 VStarter3 kWAydraulics3 kWAydraulics200 barStarter207 barStarter200 barStarter200 barStarter200 barStarter200 barStarter35.96 1Starter35.96 1Starter100 dBVibrestion (ISO 2631-1)0.96 m/s²			
Battery voltage       12 V         Starter       3 kW         Aydraulics       0         Standard flow - Auxiliary hydraulics       70.78 l/min         Starter       207 bar         Starter       207 bar         Starter       207 bar         Starter       200 bar         Starter       200 bar         Starter       200 bar         Starter       200 bar         Starter       35.96 l         Starter       35.96 l         Starter       35.96 l         Starter       35.96 l         Starter       100 dB         Starter       0.96 m/s <sup>2</sup>			
Starter     3 kW       Aydraulics     3 kW       Aydraulics     70.78 l/min       Standard flow - Auxiliary Hydraulics - Option     207 bar       tigh-Flow Auxiliary Hydraulics - Option     200 bar       tigh-Flow Auxiliary Hydraulics - Option     200 bar       rank capacities     200 bar       tigu tank     58.67 l       Hydraulic tank capacity     35.96 l       Hoise to environment (LwA)     100 dB       Yube-Body Vibration (ISO 2631-1)     0.96 m/s <sup>2</sup>			
tydraulics         Control         Contro         Control <thcontrol< th="">         &lt;</thcontrol<>			
Auxiliary Hydraulics     70.78 l/min       Auxiliary Hydraulics Pressure     207 bar       tigh-Flow Auxiliary Hydraulics - Option     113.94 l/min       tigh-Flow Auxiliary Hydraulics Pressure - Option     200 bar       ank capacities     200 bar       tigle tank     58.67 l       tydraulic tank capacity     35.96 l       toise to environment (LwA)     100 dB       Vhole-Body Vibration (ISO 2631-1)     0.96 m/s <sup>2</sup>			3 kW
Auxiliary Hydraulic Pressure     207 bar       High-Flow Auxiliary Hydraulics - Option     113.94 I/min       tigh-Flow Auxiliary Hydraulics Pressure - Option     200 bar       Fank capacities     200 bar       tigle tank     58.67 I       Hydraulic tank capacity     35.96 I       Hoise to environment (LwA)     100 dB       Vhole-Body Vibration (ISO 2631-1)     0.96 m/s <sup>2</sup>			
tigh-Flow Auxiliary Hydraulics - Option     113.94 I/min       tigh-Flow Auxiliary Hydraulics Pressure - Option     200 bar       tigh-Flow Auxiliary Hydraulics Pressure - Option     200 bar       tigh-Flow Auxiliary Hydraulics Pressure - Option     200 bar       tigh-Flow Auxiliary Hydraulics Pressure - Option     58.67 l       tigh table     35.96 l       Hydraulic tank capacity     35.96 l       Hoise to environment (LwA)     100 dB       Vhole-Body Vibration (ISO 2631-1)     0.96 m/s <sup>2</sup>			
tigh-Flow Auxiliary Hydraulics Pressure - Option     200 bar       tank capacities     200 bar       tiuel tank     58.67 l       tydraulic tank capacity     35.96 l       toise and vibration     0       toise to environment (LwA)     100 dB       Vhole-Body Vibration (ISO 2631-1)     0.96 m/s <sup>2</sup>			
ank capacities     58.67 l       iuel tank     58.67 l       iydraulic tank capacity     35.96 l       ioise and vibration     0       ioise to environment (LwA)     100 dB       Vhole-Body Vibration (ISO 2631-1)     0.96 m/s <sup>2</sup>			
iul tak     58.67 l       lydraulic tak capacity     35.96 l       loise and vibration     0       loise to environment (LwA)     100 dB       Vhole-Body Vibration (ISO 2631-1)     0.96 m/s <sup>2</sup>			200 bar
Aydraulic tank capacity     35.96 l       Joise and vibration     100 dB       Joise to environment (LwA)     100 dB       Vhole-Body Vibration (ISO 2631-1)     0.96 m/s <sup>2</sup>	Tank capacities		
Joise and vibration     Ioise to environment (LwA)       Vhole-Body Vibration (ISO 2631-1)     0.96 m/s <sup>2</sup>	Fuel tank		
Noise to environment (LwA)     100 dB       Vhole-Body Vibration (ISO 2631-1)     0.96 m/s <sup>2</sup>	Hydraulic tank capacity		35.96 l
Vhole-Body Vibration (ISO 2631-1) 0.96 m/s <sup>2</sup>	Noise and vibration		
	Noise to environment (LwA)		100 dB
/ibration on hands/arms < 1.53 m/s <sup>2</sup>	Whole-Body Vibration (ISO 2631-1)		0.96 m/s <sup>2</sup>
	Vibration on hands/arms		< 1.53 m/s <sup>2</sup>



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