Technical sheet:

1950RT





| Series S | | 1950RT Crea | ted on August 1, 2025 at 6:06 PM UTC |
|--|--|-------------|--------------------------------------|
| Unided weight 3422 kg 1264 kg | Capacities | | Metric |
| Unided weight 3422 kg 1264 kg | Operating Weight | | 3697 kg |
| | Unladen weight | | |
| Weight and dimensions h27 4018 mm Decinal Operaing Height Fully Raised h28 3048 mm Dump reach - Full Height f6 648 mm Duerall length with bucket f16 3279 mm Overall with these bucket g2 27° Storuch Clearance m4 188 mm Overall with these bucket b1 1746 mm Bucket Wildh e1 1778 mm Clearance Radius - Front with Bucket b18 2063 mm Begine broad b18 2063 mm Engine broad Yannar 4TN980-MMSZV Stores Power 51.70 kW 51.70 kW Net Power 68.40 thp / 51 kW 241 km g 2500 pm Net Power 68.40 thp / 51 kW 241 km g 2500 pm Le Engine power straing - Power 68.40 thp / 51 kW 241 km g 2500 pm Le Engine power straing - Power 68.40 thp / 51 kW | Operating Capacity At 50% Tipping Load | | 1264 kg |
| Owerall Operating Height - Fully Raised h27 4018 mm Height of Hinge Prin - Fully Raised n28 3048 mm Dump angle at full height n6 648 mm Dump angle at full height a5 39* Departure angle a2 27* Stound clearance m4 188 mm Departure angle a2 27* Stound clearance m4 188 mm Departure angle a2 27* Stoud of clearance m4 188 mm Departure angle a1 1748 mm Blocket Width e1 1748 mm Dicket Width e1 1778 mm Clearance Radius - Front with Bucket b18 2058 mm angle Yannar 4005 mm Engine brand Front with Bucket 51.70 kW Engine brand Front with Bucket 51.70 kW Story Songle 51.70 kW 51.kW Make Story of Engine rotation 68.40 Hg / 51 kW LC. Engine power rating - Power 68.40 Hg / 51 kW <tr< td=""><td>Tipping capacity</td><td></td><td>2527 kg</td></tr<> | Tipping capacity | | 2527 kg |
| Height to Hinge Pin - Fully Raised h28 3048 mm Dump read - Full height f6 648 mm Dump rand et all height 65 33 * Downall length with bucket 116 3279 mm Dopparture angle a2 27 * Ground clearance m4 188 mm Departure angle 61 1778 mm Departure angle 61 1778 mm Dewall width less bucket b1 1746 mm Ducket Width 65 1778 mm Delearance Radius - Front with Bucket b1 2053 mm Engine brand 7178 mm Delearance Radius - Front with Bucket 5170 kW Regine brand 74 mmar Engine model 74 mmar ATHN980-NMS2V 5170 kW Net Power 5170 kW Net Power 5170 kW Sattery voltage 21 kW Akt. conqu' Engine rotation 68.40 hp / 51 kW Battery voltage 12 V Accessory plug 120 V Alternator - Ampere 100 A Transmission type 71 l/min Auxiliary Hydraulics - Option 420 bar Hydrostatic 71 l/min Auxiliary Hydraulics - Option 420 bar Tank capacities 38.70 l Liquid cooling tank volume 12.90 l Solica te antironness 12.90 l Solica te antironness 12.90 l Solica te antironness 33.01 t Notice at driving position (LMA) 50.10 d Solica te driving position (LMA) 50.10 d Solica te antironness 50.10 d Solica territorness | Weight and dimensions | | |
| Dump reach - Full height n6 648 mm Dump neige at full height a5 39 ° Dump angle at full height 116 327 mm Departure angle a2 27 ° Ground clearance m4 188 mm Overall width less bucket b1 1746 mm Bucket Width e1 1778 mm Clearance Radius - Front with Bucket b18 2063 mm Engine band 411 Nmg C. NMSZY Engine band 411 Nmg C. NMSZY Stoss Power 51,70 kW bet Power 51,70 kW bet Power 51,70 kW Let Depart Power Batew 241 Nm @ 2500 pm Le. Engine power fating - Power Batew 68.40 Hg / 51 kW Accessory plug 12 V Accessory plug 12 V Accessory plug 100 A Transmission type 100 A Alternative - Ampere 30 bar Use place at Marketing Hydraulics 71 I/min Abustilary Hydraulics Pressure 30 bar Hydrostatic 420 bar </td <td>Overall Operating Height - Fully Raised</td> <td>h27</td> <td>4018 mm</td> | Overall Operating Height - Fully Raised | h27 | 4018 mm |
| Dump angle at full height a5 39 ° Overall length with bucket 16 327 ° Ground clearance m4 188 mm Overall width less bucket b1 1746 mm Ducket Width e1 1778 mm Clearance Radius - Front with Bucket b18 2063 mm Engine Tenne 410 mm Engine model 417 N98C-NNSZV 5170 kW Engine brand 51 NW 51 NW Net Power 51 NW 51 NW Net Power 51 NW 51 NW Net Power 68.40 Hp / 51 kW 51 kW Battery voltage 241 Nm @ 2500 pm 12 V Accessory plug 12 V 4 Accessory plug 12 V 4 Accessory plug 71 I/min 4 Transmission 9 100 A Transmission type 9 71 I/min Auxiliary hydraulics 9 113 I/min High-Frow Auxiliary hydraulics 9 113 I/min High-Frow Auxiliary Hydr | Height to Hinge Pin - Fully Raised | h28 | 3048 mm |
| Overall length with bucket 116 327 mm Departure angle 22 27 ° Ground clearance m4 188 mm Overall width less bucket b1 1746 mm Bucket Wildth e1 1778 mm Clearance Radius - Front with Bucket b18 2063 mm Engine b18 2063 mm Engine broand 4TN/98C-MMSZV Gross Power 51,70 kW Net Power 51,70 kW Net Power 68.40 Hp / 51 kW LC. Engine power rating - Power 68.40 Hp / 51 kW LC. Engine power rating - Power 68.40 Hp / 51 kW LC. Engine power rating - Power 68.40 Hp / 51 kW Statepy voltage 12 V Accessory plug 12 V Alternator - Ampree 100 A Transmission by 4 High-Flow Auxiliary hydraulics 71 l/min Standard flow - Auxiliary hydraulics 300 bar High-Flow Auxiliary hydraulics - Option 300 bar High-Flow Auxiliary hydraulics - Option 300 bar Lipid value | Dump reach - Full height | r6 | 648 mm |
| Departure angle a2 27 ** Ground clearance m4 188 mm Deceal width less bucket b1 1746 mm Bucket Width e1 1778 mm Clearance Radius - Front with Bucket b18 2003 mm Engine | Dump angle at full height | a5 | 39 ° |
| Ground clearance m4 188 mm Overall widh less bucket b1 1746 mm Bucket Width e1 1778 mm Clearance Radius - Front with Bucket b18 2063 mm Engine Broad Vanmar 188 mm Engine model 4TNV98C-MMS2V 170 kW Gross Power 51.70 kW 18 kW Max. torque / Engine rotation 241 km @ 2500 rpm 51. kW Max. torque / Engine power rading - Power 68.40 Hp / 51 kW 88.40 Hp / 51 kW Battery voltage 12 V 40.00 km 120 V Alternator - Ampere 120 V 120 | Overall length with bucket | l16 | 3279 mm |
| Overall width less bucket b1 1746 mm Bucket Width e1 1778 mm Clearance Radius - Front with Bucket b18 2063 mm Engine B 2063 mm Engine brand Yanmar Engine brand 471 NV98C-NMS2V Gross Power 51,70 kW Net Power 51 kW Max. torque / Engine rotation 21 Nm @ 2500 pm 1c. Engine power rating - Power 68.40 Hp / 51 kW Battery voltage 12 V Accessory plug 100 A Transmission type Hydrostatic Hydrostatics 100 A Transmission type Hydrostatic Hydrostatic 380 bar High-Flow Auxiliary Hydraulics - Option 380 bar Auxiliary Hydraulics Pressure - Option 380 bar Tank capacities 351 lW Fivel bank 58,70 l Liquid cooling tank volume 12,90 l Displacement / Number of cylinders 3,30 l / 4 Noise and vibration 82 dB | Departure angle | a2 | 27 ° |
| Bucket Wildth e1 1778 mm Clearance Radius - Front with Bucket b18 2053 mm Engine 1788 2053 mm Engine brand Yanmar 4710 WG Engine model 4710 WG 4710 WG Stors Power 51.70 kW 51 kW Net Power 51.1 kW 51 kW Max. torque / Engine rotation 241 Nm @ 2500 pm 68.40 hp / 51 kW Statetay voltage 68.40 hp / 51 kW 22 V Accessory plug 12 V 2 Alternator - Ampere 100 A 12 V Accessory plug 100 A 12 V Alternator - Ampere 9 Hydrostatic Hydraulics 100 A 12 V Alternator - Ampere 9 Hydrostatic Hydraulic Solon 9 Hydrostatic Hydraulic Pressure 380 bar 113 /min High-Flow Auxiliary Hydraulics - Option 420 bar 113 /min High-Flow Auxiliary Hydraulics Pressure - Option 58.70 l 420 bar Fuel tank 58.7 | Ground clearance | m4 | 188 mm |
| Clearance Radius - Front with Bucket b18 2063 mm Engine Bergine Clearance Radius - Front with Bucket Clearance Radius - Front with Bucket Engine brand Yanmar Engine model 4ThV98C-NMS2V Gross Power 51 kW Max. torque / Engine rotation 241 km @ 2500 pm LC. Engine power rating - Power 68.40 km / 51 kW Battery voltage 12 V Accessory plug 120 V Alternator - Ampree 120 V Alternator - Ampree Pydrostatic Transmission type Pydrostatic Use of Auxillary hydraulics 71 l/min Auxillary Hydraulic Pressure 380 bar High-Flow Auxillary hydraulics - Option 380 bar High-Flow Auxillary Hydraulics - Option 380 bar High-Flow Auxillary Hydraulics - Option 361 Feet lank Liquid cooling tank volume 361 Liquid cooling tank volume 12.901 Displacement / Number of cylinders 3.301 / 4 Noise at driving position (LpA) 82 dB | Overall width less bucket | b1 | 1746 mm |
| Engine Yanmar Engine brande 4TMY98C-NMS2V Gross Power 51.70 kW Net Power 51.70 kW Max. torque / Engine rotation 241 km @ 2500 ppm De. Engine power rating - Power 68.40 Hp / 51 kW Battery voltage 12 V Accessory plug 120 V Alternator - Ampere 100 A Transmission type Hydrostatic Hydrostatic 4 Hydrostatic 380 bar High-Flow Auxiliary Hydraulics - Option 380 bar High-Flow Auxiliary Hydraulics - Option 380 bar Tank capacities 361 Hydraulic rate capacity 361 Fuel tank 58.70 1 Liquid cooling tank volume 12.90 1 Displacement / Number of cylinders 3.301 / 4 Noise and wibration 82 dB | Bucket Width | e1 | 1778 mm |
| Engine brand Yanmar Engine model 4TNV98C-NNS2V Gross Power 51.70 kW Net Power 51.8 kW Max. torque / Engine rotation 241 Nm @ 2500 rpm LC. Engine power rating - Power 68.40 Hp / 51 kW Battery voltage 12 V Accessory plug 120 V Alternator - Ampere 100 A Transmission | Clearance Radius - Front with Bucket | b18 | 2063 mm |
| Engine model 4TNV98C-NMS2V Gross Power 51.70 kW Net Power 51.70 kW Net Power 51.70 kW Next. torque / Engine rotation 241 Nm @ 2500 rpm Next. Engine power rating - Power 68.40 Hp / 51 kW Battery voltage 12 V Accessory plug 120 V Altemator - Ampere 100 A Transmission Hydrostatic Transmission type Hydrostatic Hydrallics 380 bar Standard flow - Auxiliary hydraulics Pessure 380 bar High-Flow Auxiliary Hydraulics - Option 113 l/min High-Flow Auxiliary Hydraulics - Option 420 bar Tank capacities 36 l Fuel tank 58.70 l Liquid cooling tank volume 58.70 l Displacement / Number of cylinders 3.30 l / 4 Noise at dybration 101.40 dB Noise at driving position (LpA) 82 dB | Engine | | |
| Gross Power \$1.70 kW Net Power \$1 kW Max. torque / Engine rotation 241 Nm @ 2500 pm C. Engine power rating - Power 68.40 Hp / 51 kW Battery voltage 12 V Accessory plug 120 V Altemator - Ampere 100 A Transmission Hydrostatic Hydraulics Hydrostatic Standard flow - Auxiliary hydraulics 71 l/min Auxiliary Hydraulics Pressure 380 bar High-Flow Auxillary Hydraulics - Option 113 l/min High-Flow Auxillary Hydraulics - Option 420 bar Tank capacities 36 l Fuel tank 58.70 l Liquid cooling tank volume 12.90 l Displacement / Number of cylinders 3.30 l / 4 Noise and vibration 101.40 dB Noise at driving position (LpA) 82 dB | Engine brand | | Yanmar |
| Net Power 51 kW Max. torque / Engine rotation 241 Nm @ 2500 rpm 68.40 Hp / 51 kW 68.40 Hp / 51 kW Battery voltage 12 V Accessory plug 120 V Altemator - Ampere 100 A Transmission Hydrostatic Itydraulics 71 l/min Auxiliary hydraulics Pressure 380 bar Auxiliary Hydraulics Pressure - Option 380 bar High-Flow Auxiliary hydraulics Pressure - Option 420 bar Trank capacities 361 Hydraulic tank capacity 58.70 l Fuel tank 58.70 l Liquid cooling tank volume 3.30 l / 4 Displacement / Number of cylinders 3.30 l / 4 Noise and vibration 101.40 dB Noise at driving position (LpA) 82 dB | Engine model | | 4TNV98C-NMS2V |
| Max. torque / Engine rotation 241 Nm @ 2500 rpm L.C. Engine power rating - Power 68.40 Hp / 51 kW Battery voltage 12 V Accessory plug 120 V Altemator - Ampere 100 A Transmission Hydrostatic Transmission type Hydrostatic Hydraulics 380 bar Standard flow - Auxiliary hydraulics - Auxiliary hydraulics - Option 380 bar High-Flow Auxiliary Hydraulics - Option 420 bar Tank capacities 36 l Hydraulic tank capacity 36 l Fuel tank 58.70 l Liquid cooling tank volume 3.30 l / 4 Noise and vibration 3.30 l / 4 Noise to environment (LwA) 101.40 dB Noise to environment (LyA) 82 dB | Gross Power | | 51.70 kW |
| L. Engline power rating - Power 68.40 Hp / 51 kW Battery voltage 12 V Accessory plug 120 V Alternator - Ampree 100 A Transmission Hydrostatic Transmission type Hydrostatic Hydraulics 71 l/min Standard flow - Auxiliary hydraulics - Option 380 bar High-Flow Auxiliary Hydraulics - Option 420 bar High-Flow Auxiliary Hydraulics Pressure - Option 420 bar Tank capacities 36 l Hydraulic tank capacity 36 l Fuel tank 58.70 l Liquid cooling tank volume 12.90 l Displacement / Number of cylinders 3.30 l / 4 Noise and vibration 101.40 dB Noise to environment (LwA) 82 dB | Net Power | | 51 kW |
| Battery voltage 12 V Accessory plug 120 V Alternator - Ampere 100 A Transmission Hydrostatic Hydrostatic Hydraulics Standard flow - Auxiliary hydraulics 71 l/min Auxiliary Hydraulics - Option 380 bar High-Flow Auxiliary Hydraulics - Option 420 bar High-Flow Auxiliary Hydraulics Pressure - Option 420 bar Tank capacities 36 l Fuel tank 58.70 l Liquid cooling tank volume 12.90 l Displacement / Number of cylinders 3.30 l / 4 Noise and vibration 101.40 dB Noise to environment (LwA) 82 dB | Max. torque / Engine rotation | | 241 Nm @ 2500 rpm |
| Accessory plug 120 V Altemator - Ampere 100 A Transmission Transmission type Hydrostatic Hydraulics Standard flow - Auxiliary hydraulics 71 I/min Auxiliary Hydraulic - Pressure 380 bar High-Flow Auxiliary Hydraulics - Option 113 I/min High-Flow Auxiliary Hydraulics Pressure - Option 420 bar Tank capacities 158.70 I Fuel tank 58.70 I Liquid cooling tank volume 12.90 I Displacement / Number of cylinders 330 I / 4 Noise and driving position (LwA) 101.40 dB Noise at driving position (LpA) 82 dB | I.C. Engine power rating - Power | | 68.40 Hp / 51 kW |
| Alternator - Ampere Transmission Transmission type Hydraulics Standard flow - Auxiliary hydraulics Standard flow - Auxiliary hydraulics Auxiliary Hydraulics - Option High-Flow Auxiliary Hydraulics - Option High-Flow Auxiliary Hydraulics - Option High-Flow Auxiliary Hydraulics Pressure - Option Auxiliary Hydraulics - Option Au | Battery voltage | | 12 V |
| Transmission Transmission type Hydraulics Standard flow - Auxiliary Hydraulics Standard flow - Auxiliary Hydraulics Auxiliary Hydraulics - Option High-Flow Auxiliary Hydraulics - Option High-Flow Auxiliary Hydraulics Pressure - Option Auxiliary Hydraulics Pressure - Option Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders Noise and vibration Noise to environment (LwA) Noise at driving position (LpA) Babalas | Accessory plug | | 120 V |
| Transmission type Hydraulics Standard flow - Auxiliary hydraulics Auxiliary Hydraulic Pressure High-Flow Auxiliary Hydraulics - Option High-Flow Auxiliary Hydraulics Pressure - Option High-Flow Auxiliary Hydraulics Pressure - Option High-Flow Auxiliary Hydraulics Pressure - Option Tank capacities Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders Noise and vibration Noise to environment (LwA) Noise at driving position (LpA) Hydraulics Auxiliary Hydraulics Pressure - Option Tank Capacities Tank Capacity Tank Capaci | Alternator - Ampere | | 100 A |
| Hydraulics Standard flow - Auxiliary hydraulics Auxiliary Hydraulic Pressure High-Flow Auxiliary Hydraulics - Option High-Flow Auxiliary Hydraulics Pressure - Option High-Flow Auxiliary Hydraulics Pressure - Option Tank capacities Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders Noise and vibration Noise to environment (LwA) Noise at driving position (LpA) Tank Capacities 12.90 I 12.90 | Transmission | | |
| Hydraulics Standard flow - Auxiliary hydraulics Auxiliary Hydraulic Pressure High-Flow Auxiliary Hydraulics - Option High-Flow Auxiliary Hydraulics Pressure - Option High-Flow Auxiliary Hydraulics Pressure - Option Tank capacities Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders Noise and vibration Noise to environment (LwA) Noise at driving position (LpA) Tank Capacities 12.90 I 12.90 | Transmission type | | Hydrostatic |
| Auxiliary Hydraulic Pressure High-Flow Auxiliary Hydraulics - Option High-Flow Auxiliary Hydraulics Pressure - Option Tank capacities Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders Noise and vibration Noise to environment (LwA) Noise at driving position (LpA) 380 bar 420 bar | Hydraulics | | |
| High-Flow Auxiliary Hydraulics - Option High-Flow Auxiliary Hydraulics Pressure - Option Tank capacities Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders Noise and vibration Noise to environment (LwA) Noise at driving position (LpA) 113 I/min 420 bar 42 | Standard flow - Auxiliary hydraulics | | 71 l/min |
| High-Flow Auxiliary Hydraulics Pressure - Option 420 bar Tank capacities 36 I Hydraulic tank capacity 36 I Fuel tank 58.70 I Liquid cooling tank volume 12.90 I Displacement / Number of cylinders 3.30 I / 4 Noise and vibration 101.40 dB Noise at driving position (LpA) 82 dB | Auxiliary Hydraulic Pressure | | 380 bar |
| Tank capacities 36 I Hydraulic tank capacity 36 I Fuel tank 58.70 I Liquid cooling tank volume 12.90 I Displacement / Number of cylinders 3.30 I / 4 Noise and vibration 101.40 dB Noise at driving position (LpA) 82 dB | High-Flow Auxiliary Hydraulics - Option | | 113 l/min |
| Hydraulic tank capacity 36 I Fuel tank 58.70 I Liquid cooling tank volume 12.90 I Displacement / Number of cylinders 3.30 I / 4 Noise and vibration 011.40 dB Noise to environment (LwA) 82 dB | High-Flow Auxiliary Hydraulics Pressure - Option | | 420 bar |
| Fuel tank 58.70 I Liquid cooling tank volume 12.90 I Displacement / Number of cylinders 3.30 I / 4 Noise and vibration Unique to environment (LwA) Noise at driving position (LpA) 82 dB | Tank capacities | | |
| Liquid cooling tank volume Displacement / Number of cylinders Noise and vibration Noise to environment (LwA) Noise at driving position (LpA) 12.90 I 3.30 I / 4 101.40 dB 82 dB | Hydraulic tank capacity | | 36 I |
| Displacement / Number of cylinders Noise and vibration Noise to environment (LwA) Noise at driving position (LpA) 3.30 I / 4 101.40 dB 82 dB | Fuel tank | | 58.70 I |
| Noise and vibration Noise to environment (LwA) Noise at driving position (LpA) 82 dB | Liquid cooling tank volume | | 12.90 l |
| Noise to environment (LwA) Noise at driving position (LpA) 82 dB | Displacement / Number of cylinders | | 3.30 / 4 |
| Noise at driving position (LpA) 82 dB | Noise and vibration | | |
| | Noise to environment (LwA) | | 101.40 dB |
| Whole-Body Vibration (ISO 2631-1) | Noise at driving position (LpA) | | 82 dB |
| | Whole-Body Vibration (ISO 2631-1) | | 1.10 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



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