Technical sheet:

## **1950RT**





		1950RT Cre	ated on July 27, 2025 at 1:49 AM UTC
Instact weight	Capacities		Metric
1264 kg   1257	Operating Weight		3697 kg
Tipping paperly   Paperl	Unladen weight		3422 kg
	Operating Capacity At 50% Tipping Load		1264 kg
Need   Departing Height - Fully Raised   h.27   4018 mm	Tipping capacity		2527 kg
	Weight and dimensions		
Dump reach - Full height         r6         648 mm           Jump angle at full height         s5         39 °           Speal length with bucket         116         3279 mm           Departure angle         s2         27 °           Sound clearance         m4         188 mm           Swell width lies bucket         b1         1746 mm           bucket Width         e1         1778 mm           Dearance Redius - Front with Bucket         b18         263 mm           Engine brand         b18         263 mm           Engine brand         Yanmar         4111 Nie 250 mm           Engine brand         \$1,70 kW         51,70 kW           Let Power         \$1,70 kW         51,70 kW           Let Power         \$1,10 kW         241 Nie 2500 pm           Aust, torque / Engine rotation         241 Nie 2500 pm         68.40 hp / 51 kW           Auter youtage         12 V         120 V           Auter youtage         12 V         120 V           Auter youtage         120 V         120 V           Auter youtage         100 A         17 I/min           Auxiliary Hydraulics         330 bar         110 A           Itansamission byte         100 A         100 A	Overall Operating Height - Fully Raised	h27	4018 mm
Dump angle at full height         a5         39 °           Overall length with bucket         116         327° mm           Stound clearance         m4         188 mm           Overall with less bucket         b1         1746 mm           Overall with less bucket         b1         1746 mm           Outsete Width         e1         1778 mm           Clearance Radius - Front with Bucket         b18         2063 mm           Engine         Yannar         1700 mm           Engine Dand         Yannar         1710 kW           Stoss Power         51.70 kW         51.70 kW           Set Power         51.70 kW         51.80 kW           Set Power         51.70 kW         51.80 kW           Set Power         68.40 hp / 51 kW           Set Power         68.40 hp / 51 kW           Set Power         12 V           Sec Sopy plug         68.40 hp / 51 kW           Set	Height to Hinge Pin - Fully Raised	h28	3048 mm
Decay	Dump reach - Full height	r6	648 mm
Departure angle         a2         27 °           Sound clearance         m4         188 mm           Souckel Grannee         b1         1746 mm           Souckel Width         e1         1778 mm           Desarance Radius - Front with Bucket         b18         2053 mm           Engine	Dump angle at full height	a5	39 °
Sound 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         B18         2063 mm           Engine Broad         Yanmar         4TNV98C-MMSZV           Gross Power         51,70 kW         4TNV98C-MMSZV           Stoss Power         51 kW         44x torque / Engine rotation         241 Nm @ 2500 rpm           dax. torque / Engine rotation         241 Nm @ 2500 rpm         68.40 Hp / 51 kW           dax torque / Engine power rating - Power         68.40 Hp / 51 kW         42x torque / 51 kW           Statesy voltage         120 V         42x torque / 51 kW	Overall length with bucket	l16	3279 mm
Everall width less bucket         b1         1746 mm           Bucket Width         e1         1778 mm           Clearance Radius - Front with Bucket         b18         2063 mm           Engine Deard         Warman         1870 mm           Engine Brand         4TNyannar         4TNyannar           Aux Longuer Jengine model         4TNyannar         51.70 kW           Net Power         51.70 kW         51.70 kW           Net Power         68.40 Hp / 51 kW         241 km @ 2500 rpm           C. Engine power rating - Power         68.40 Hp / 51 kW         12 V           Materiary - Ampre         12 V         12 V           Accessory plug         120 V         12 V           Micentor - Ampre         100 A         100 A           Fransmission type         Hydrostatic         12 V           Voluntiary Hydraulics - Ampre         380 bar         14 July Intim           Auxiliary Hydraulics Pressure         380 bar         13 July Intim           Auxiliary Hydraulics - Option         13 July Intim         1420 bar           Bink - Capacity         420 bar         58.70 l           Gilly- Flow Auxiliary Hydraulics - Option         58.70 l         12.90 l           Splacement / Number of cylinders         3.30 l	Departure angle	a2	27 °
backet Width         e1         1778 mm           blearance Radius - Front with Bucket         b18         2063 mm           ragine         Commender         Commender           Ingine brand         Yanmar         4TNV98C-MMS2V           Soss Power         51.70 kW         51.8W           let Power         51.8W         241 Nm @ 2500 pm           LC. Engine rotation         241 Nm @ 2500 pm         68.40 Hy / 51 kW           LC. Engine power rating - Power         68.40 Hy / 51 kW           Accessory plug         12 V         24 Nm @ 2500 pm           Accessory plug         120 V         24 Nm @ 2500 pm           Inflammission         100 A         4           Inflammission type         9         Hydrostatic           Vydraulics         9         Hydrostatic           Inflammission type         9         Hydrostatic           Vydraulic Pressure         380 bar         113 //min           High-Flow Auxiliary Hydraulics - Option         420 bar         133 //min           Eigh-Flow Auxiliary Hydraulics Pressure - Option         420 bar         420 bar           Fink capacity         361         420 bar           Liquid cooling tank volume         12.90 l         3.30 l / 4	Ground clearance	m4	188 mm
Clearance Radius - Front with Bucket         2063 mm           Engine Beringine Brand         Yanmar           Gringine broad         4TNV98C-NMS2V           Gross Power         51.70 kW           ket Power         51 kW           Adx. torque / Engine protation         241 km @ 2500 pm           kc. Engine power rating - Power         68.40 kp / 51 kW           battery voltage         12 V           kccessory plug         120 V           ktlemator - Ampree         100 A           fransmission type         Hydrostatic           standard flow - Auxiliary hydraulies         71 l/min           huxiliary hydraulies - Option         380 bar           stilph-Flow Auxiliary hydraulies - Pessure - Option         380 bar           feliph-Flow Auxiliary hydraulies - Pessure - Option         36 l           felic tank capacities         36 l           tuiclut capacities         36 l           tuiclut capacities         36 l           tuiclut capacities         3.30 l / d           tuiclut capacities         3.30 l	Overall width less bucket	b1	1746 mm
Engine band         Yanmar           Engine band of         Yanmar           Chair pine model         4TNV98C-NMS2V           Cross Power         51.70 kW           Stet Power         51 kW           Max. Korque / Engine rotation         241 Nm @ 2500 ppm           Cc. Engine power rating - Power         68.40 Hp / 51 kW           Accessory plug         12 V           Accessory plug         120 V           Alternator - Ampere         100 A           Transmission         Hydrostatic           Transmission type         Hydrostatic           Standard flow - Auxiliary Mydraulics         71 l/min           Auxiliary Hydraulics - Option         380 bar           Sullilary Hydraulics - Option         420 bar           Stank capacites         361           Vidraulic tank capacites         361           Vidraulic tank capacites         35.70 l           Vidraulic tank capacites         3.30 l / 4           Vidraulic tank capacites         3.30 l / 4           Vides and Mybration         3.30 l / 4           Voice and Mybration         3.30 l / 4           Voice se of Mybration         3.20 d B	Bucket Width	e1	1778 mm
Engine brand         Yanmar           Engine model         4TNY98C-NMS2V           Sinss Power         51.70 kW           stet Power         51 kW           Max. torque / Engine rotation         241 Nm @ 2500 rpm           C. Engine power rating - Power         68.40 Hp / 51 kW           attenty voltage         12 V           Accessory plug         120 V           Attemator - Ampere         100 A           Flansmission         40 Hydrostatic           Flansmission type         Hydrostatic           Vigitualies         300 bar           Standard flow - Auxiliary hydraulies         71 l/min           Lux-lilary Hydraulies - Option         300 bar           High-Flow Auxiliary Hydraulies - Option         420 bar           Flank capacities         36 l           Liquid cooling tank volume         58.70 l           Liquid cooling tank volume         58.70 l           Liquid cooling tank volume         33.30 l / 4           Voluse and vibration         33.30 l / 4           Voluse and vibration         82 dB	Clearance Radius - Front with Bucket	b18	2063 mm
Engine model         4TNV98C-NMS2V           Storss Power         51.70 kW           Net Power         51.70 kW           Ask. torque / Engine rotation         241 Nm @ 2500 rpm           Acc. Engine power rating - Power         68.40 Hp / 51 kW           Sattery voltage         12 V           Accessory plug         120 V           Attemator - Ampere         100 A           Fransmission type         Hydrostatic           Hydrostatic         Hydrostatic           Accessory plug         71 l/min           Accessory plug         Board off low - Auxiliary hydraulics           Fransmission type         Hydrostatic           Hydrostatic         380 bar           display Hydraulic Pressure         380 bar           display Hydraulics Pressure - Option         420 bar           Fank capacities         36 I           Vigitualic tank capacity         36 I           viet tank         58.70 I           Liquid cooling tank volume         12.90 I           Joise and vibration         3.30 I / 4           Volse and vibration         82 dB	Engine		
S1.70 kW   S1 kW   S1 kW   S1 kW   S1 kW   S1 kW   S1 kW   S241 km @ 2500 rpm   S1 kW   S240 rpm   S1 kW   S240 rpm   S	Engine brand		Yanmar
St kW   Adax torque   Engine rotation   241 km @ 2500 rpm	Engine model		4TNV98C-NMS2V
Aux. torque / Engine rotation       241 Nm @ 2500 rpm         Acc. Engine power rating - Power       68.40 Hp / 51 kW         Sattey voltage       12 V         Accessory plug       120 V         Alkemator - Ampere       100 A         Transmission       Hydrostatic         Hydrostatic       Hydrostatic         Hydraulics       380 bar         Standard flow - Auxiliary hydraulics - Pessure       380 bar         High-Flow Auxiliary hydraulics - Option       420 bar         High-Flow Auxiliary hydraulics - Pessure - Option       420 bar         Fank capacities       36 l         Hydraulic tank capacity       36 l         viculating the volume       58.70 l         Displacement / Number of cylinders       3.30 l / 4         Volse and vibration       101.40 dB         Volse and driving position (LpA)       82 dB	Gross Power		51.70 kW
C. Engine power rating - Power       68.40 Hp / 51 kW         Sattery voltage       12 V         Accessory plug       120 V         Alternator - Ampere       100 A         Transmission flow       Hydrostatic         Iydraulics       71 I/min         Standard flow - Auxiliary hydraulics - Option       380 bar         High-Flow Auxiliary Hydraulics - Option       420 bar         Hydrostatics - Option       420 bar         Hydraulic Pressure - Option       36 l         Hydraulic stank capacity       36 l         Hydraulic tank capacity       36 l         Hydraulic tank volume       58.70 l         Sipsipacement / Number of cylinders       3.30 l / 4         Volse and vibration       3.30 l / 4         Volse and vibration       101.40 dB         Volse to environment (LwA)       82 dB	Net Power		51 kW
Battery voltage       12 V         Accessory plug       120 V         Accessory plug       100 A         Farsmission       Hydrostatic         Fansmission type       Hydrostatic         Standard flow - Auxiliary hydraulics       71 I/min         Auxiliary Hydraulics Pressure       380 bar         digh-Flow Auxiliary Hydraulics - Option       113 I/min         digh-Flow Auxiliary Hydraulics Pressure - Option       420 bar         Fank capacities       12 you bar         Sujudi cooling tank volume       58.70 I         Liquid cooling tank volume       12.90 I         Displacement / Number of cylinders       3.30 I / 4         Volse and vibration       40 iose to environment (LwA)       10.1.40 dB         Volse at driving position (LpA)       82 dB	Max. torque / Engine rotation		241 Nm @ 2500 rpm
Accessory plug	.C. Engine power rating - Power		68.40 Hp / 51 kW
Atternator - Ampere 100 A Transmission Transmission type	Battery voltage		12 V
Transmission Transmission type Hydrostatic Hydraulics Standard flow - Auxiliary Hydraulics Auxiliary Hydraulic Pressure High-Flow Auxiliary Hydraulics - Option High-Flow Auxiliary Hydraulics Pressure High-Flow Auxiliar	Accessory plug		120 V
Transmission type  Advantage  Standard flow - Auxiliary hydraulics  Auxiliary Hydraulic Pressure  Aligh-Flow Auxiliary Hydraulics - Option  Aligh-Flow Auxiliary Hydraulics - Option  Aligh-Flow Auxiliary Hydraulics Pressure - Option  Auxiliary Hydraulics - Opti	Alternator - Ampere		100 A
Advantion of the control of the cont	Transmission		
Standard flow - Auxiliary Hydraulics Auxiliary Hydraulic Pressure digh-Flow Auxiliary Hydraulics - Option digh-Flow Auxiliary Hydraulics Pressure - Option 420 bar Fank capacities dydraulic tank capacity fuel tank Liquid cooling tank volume Displacement / Number of cylinders Volse and vibration Noise to environment (LwA) Noise at driving position (LpA)  771 I/min 380 bar 420 bar 4	Transmission type		Hydrostatic
Auxiliary Hydraulic Pressure digh-Flow Auxiliary Hydraulics - Option digh-Flow Auxiliary Hydraulics Pressure - Option 420 bar Fank capacities dydraulic tank capacity fuel tank ciquid cooling tank volume Displacement / Number of cylinders Volse and vibration Noise to environment (LwA) Noise at driving position (LpA) 380 bar 113 l/min 1420 bar	Hydraulics		
High-Flow Auxiliary Hydraulics - Option 420 bar Fank capacities Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders Noise to environment (LwA) Noise at driving position (LpA)  113 I/min 420 bar	Standard flow - Auxiliary hydraulics		71 l/min
420 bar         Fank capacities       36 l         4ydraulic tank capacity       36 l         58.70 l       58.70 l         4ydraudic cooling tank volume       12.90 l         50isplacement / Number of cylinders       3.30 l / 4         Voise and vibration       101.40 dB         Noise to environment (LwA)       82 dB	Auxiliary Hydraulic Pressure		380 bar
Fank capacities         36 I           Hydraulic tank capacity         58.70 I           Eucl 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           Eucl 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 Pressure - Option		420 bar
viel tank       58.70 I         ciquid 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       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	Hydraulic tank capacity		36 I
Sisplacement / Number of cylinders  Solice and vibration  Solice to environment (LWA)  Solice at driving position (LpA)  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
Vhole-Body Vibration (ISO 2631-1)	Noise at driving position (LpA)		82 dB
	Whole-Body Vibration (ISO 2631-1)		1.10 m/s²





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