Technical sheet:

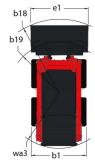
1050R



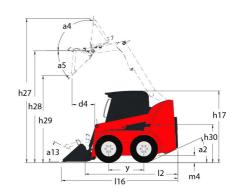


APP A big Marked Operating Capacity with Optional Counterwork Sist by Sist by		1050R Created 0	ii December 22, 2024 at 3.00 AM UTC
Sala Comment Sala	Capacities		Metric
Unlindow mispir Michelbase	Rated Operating Capacity		476 kg
Weight and dimensions	Rated Operating Capacity with Optional Counterweight		533 kg
Wheebase y 876 mm Ownall Operatiny Height Fully Raised D27 3.546 mm Height to Hinge Pia- Fully Raised h28 2745 mm Overall Height to William (Pia- Fully Raised) h17 1756 mm Dump height a5 42° Dump height b29 2146 mm Coverall Height will bucket h16 2896 mm Dump height (Pia- Full Height d6 579 mm Bondback of ground a13 20° Seat to goond height h30 828 mm Devall will his subsket b1 1229 mm Blocket Width e1 1329 mm Blocket Width e1 1229 mm Blocket Width e1 1229 mm Blocket Width e1 132 mm Overall leight- Leis Bucket l2 22 228 mm Operations angle a2 26° Cleance Radius - Front will Bucket l3 1753 mm Performances l3 1753 mm Performances 27 x 8.5 x 15 HO	Unladen weight		1905 kg
Decad Capeaning Holph: Fully Naisord 128 2746 mm 128 1746 mm 129 1246 mm 128 128 mm	Weight and dimensions		
Height for Kinge Pin - Fully Stated h28 2746 mm Ournal Height to top of ROPS h17 1786 mm Ournal Height to top of ROPS h17 1786 mm Ournal Height to top of ROPS h27 2145 mm Ournal Height to top of ROPS h16 h29 2145 mm Ournal Height to the control of	Wheelbase	у	876 mm
Devental Height to top of RDPS 1726 mm 1	Overall Operating Height - Fully Raised	h27	3546 mm
Dump alejaht a5 42 ** Dump alejaht h29 2146 mm Overall lengh with bucket 116 2895 mm Dump reach - Full helpht 16 579 mm Bollback at ground a13 29 ** Seat to ground helpht h30 828 mm Overall width less bucket b1 1229 mm Boucket Width e1 1404 mm Boucket Width e1 1404 mm Boutel Lengh - Less Bucket 12 2258 mm Departmer angle a2 25 ** Clearance Reduise - Front with Bucket b18 1763 mm Purformances b18 1763 mm Floridation - Front with Bucket b18 1763 mm Purformances b18 1763 mm Floridation - Front with Bucket b18 1763 mm Purformances b18 1763 mm Floridation - Front with Bucket b18 1763 mm Floridation - Front with Bucket b18 1763 mm Floridation - Front with Bucket b18 17	Height to Hinge Pin - Fully Raised	h28	2746 mm
Dump height h29 2146 mm Overall length with bucket 116 2396 mm Dump reach - Full height 6 579 mm Bollback at ground a13 29 * Sex to ground height h30 828 mm Overall width less bucket b1 1229 mm Bucket Width e1 1404 mm Ground clearance m4 152 mm Overall length - Less Bucket 12 2258 mm Overall length - Less Bucket 12 2258 mm Overall length - Less Bucket 18 1763 mm Performances 12 2258 mm Operature angle 2 25 * Clearance Radius - Front with Bucket b18 1763 mm Performances 2 25 * Clearance Radius - Front with Bucket b18 1763 mm Performances 2 25 * Clearance Radius - Front with Bucket 27 x 8 5 x 15 HD English commander 27 x 8 5 x 15 HD English commander 27 x 8 5 x 15 HD	Overall Height to top of ROPS	h17	1786 mm
Owerall length with buselet 116 2896 mm Comp read-r Full height 16 579 mm Collablack at ground a13 29* Seat to ground height h30 528 mm Owerall width less bucket b1 1229 mm Bucket Width e1 1404 mm Ground clearance m4 152 mm Overall ength - Less Bucket 12 2258 mm Departure angle a2 25* Clearance Radius - From with Bucket b18 1763 mm Performances b18 1763 mm Truel apped (unladen) 9.50 km/h Wheels 27 x 8.5 x 15 HD Standard tiese 7 x 8 x x 15 HD Engine band 3 x 10 x x x x x x x x x x x x x x x x x	Dump angle at full height	a5	42 °
Dump reach - Full helpit r6 579 mm Seal to ground height h30 828 mm Overall width less bucket b1 1229 mm Ducket Width e1 1404 mm Ground clearance m4 152 mm Overall lengh - Less Bucket 12 22 525 mm Opeparture angle a2 26 ° Clearance Radius - Front with Bucket b18 1763 mm Proformances b18 1763 mm Proformances b18 1763 mm Travel speed (unladen) 9.50 km/h Wheels 27 x 8.5 x 15 HD Brighte 27 x 8.5 x 15 HD Brighte 311W86C-40MSV Engine model 311W86C-40MSV Engine mom 55 kW Net Power 25 b kW Net Power 25 b kW Net Power 55 kW Net Power 3108 mm / 2800 pm Power sounce 51 kW L0. Engine power rating 34.20 Hp Battery voltage 32 kW Welve Longe	Dump height	h29	2146 mm
Reliback at ground a 13 29 ° Seat to ground height h30 828 mm Decell width less bucket b1 1229 mm Bucket Width e1 1404 mm Ground clearance m4 152 mm Overall length - Less Bucket 12 2258 mm Departure angle a2 26 ° Clearance Redius - Front with Bucket b18 1753 mm Pufformances b18 1753 mm Furder speed (unladen) 9.50 km/h 100 km/h Wheels 27 x 8.5 x 15 HD 100 km/h Standard lites 27 x 8.5 x 15 HD 100 km/h Engine brand 317N/80c AMSV 100 km/h Engine model 317N/80c AMSV 100 km/h Engine model 318 x 12 km/h 25.50 kW Sloss Pover 25.50 kW 24.70 kW Nel Power 25.50 kW 108 km / 2800 pm Power source 10 km / 2800 pm 10 km / 2800 pm Lic Engine power rating 34.20 hp 34.20 hp Batter at 2,	Overall length with bucket	I16	2896 mm
Seat to ground height h30 828 mm Overall widh less bucket b1 1229 mm Dictould Widh less bucket Widh e1 1404 mm Ground clearance m4 152 mm Departure angle a2 26° Clearance Radius - Front with Bucket b18 1753 mm Performances b18 1753 mm Performances 27 x 8.5 x 15 HD 180 Engine Performances 27 x 8.5 x 15 HD 180 Engine Performances 27 x 8.5 x 15 HD 180 Engine Performances 27 x 8.5 x 15 HD 180 Engine Instruction Yannar 180 Engine model 3110 x 800 x 180 Engine norm 3150 x 800 x 180 x 800 x Engine norm 25.5 k W 2.4 78 kW Net Power 25.5 k W 2.4 78 kW Net Power 25.5 k W 2.4 78 kW Net Power 34.20 Hp 181 km y w w w w w w w w w w w w w w w w w w	Dump reach - Full height	r6	579 mm
Overall width less bucket b1 11229 mm Bucket Width e1 1404 mm Ground clearance m4 152 mm Overall leight - Less Bucket 12 2258 mm Departure angle a2 26 ° Clearance Radius - Front with Bucket b18 1763 mm Performances b18 1763 mm Performances b18 1763 mm Travel speed (uiladen) 9.50 km/h Wheels 27 x 8.5 x 15 HD Standard lies 27 x 8.5 x 15 HD Engine 31NN86c-4MsV Engine band 31NN86c-4MsV Engine band 31NN86c-4MsV Engine board 53 kg V Tier 4 Gross Power 25 50 kW Net Power 25.50 kW Net Power 24.70 kW Max. torque / Engine rotation 108 Nm / 2800 pm Power source 108 Nm / 2800 pm Le Engine power atting 34.20 Hp Stater 40 kW Stater 40 kW Standard flow - Auxiliary hydraulies	Rollback at ground	a13	29 °
Bucket Width e1 1.404 mm Ground clearence nd 152 mm Overall leight - Less Bucket 12 2.225 mm Departure angle a2 2.6° Clearance Radius - Finit with Bucket b18 1763 mm Prefromance 8 1768 mm Frefromance 9.50 km/h 1768 mm Wheels 27 x 8.5 x 15 HD 1768 mm Standard füres 27 x 8.5 x 15 HD 1768 mm Engline bmd 3TKV88C+MMSV 1768 mm Engline nome 3TKV88C+MMSV 183 gev. Tier.4 183 gev. Tier.4 Grüss Power 25 5.50 kW 24.70 kW 180 km / 2800 pm 180 km / 280 km 180 km / 2800 pm 180 km / 2800 pm 180 km / 2800 pm 180 km / 280 km <	Seat to ground height	h30	828 mm
Ground clearance m4 152 mm Overall leagth - Less Bucket 12 258 mm Departure angle a2 26 ° Clearance Radius - Front with Bucket b18 1763 mm Performances	Overall width less bucket	b1	1229 mm
Overall length - Less Bucket 12 2.258 mm Departure angle 2 2.6° Clearance Radius - Front with Bucket b18 1763 mm Parformances 9.50 km/h Travel speed (unladen) 9.50 km/h Wheels 2 Standard lites 2.7 x 8.5 x 15 HD Engine 7 Yanmar Engine band 371 Wasc AMSV Engine model 313 Wasc CAMSV Engine nom Stage V. Tier 4 Gross Power 2.4 70 kW Net Power 2.4 70 kW Max. torque / Engine rotation 10 km / 2800 rpm Net Power source 10 km / 2800 rpm LC. Engine power rating 34.20 Hp Battery voltage 12 V Alternator 40 kW Stater 40 kW Hydraulitic 55.10 l/min Auxiliary hydraulitic Pessue 55.10 l/min Fuel tank 39.40 I Hydraulitic Lank capacitly 30.30 I Displacement 10 00 I Noise and wibration 80 dB <td>Bucket Width</td> <td>e1</td> <td>1404 mm</td>	Bucket Width	e1	1404 mm
Departure angle a2 26 * Clearance Radius - Front with Bucket b18 17:63 mm Performances ————————————————————————————————————	Ground clearance	m4	152 mm
Description	Overall length - Less Bucket	12	2258 mm
Performances 9.50 km/h Travel speed (unladen) 9.50 km/h Whetes 27 x 8.5 x 15 HD Engine 25 x 15 HD Engine brand Yanmar Engine brand Yanmar Engine browle 3TNV88C-MSV Engine brown Stage V, Tier 4 Gross Power 2.5.50 kW Net Power 24.70 kW Max. torque / Engine rotation 108 Nm / 2800 rpm Power source Diesel Cl. Engine power rating 34.20 Hp Battery voltage 12 V Alternator 40 kW Standard filew - Auxilian hydraulies 55.10 l/min Auxilian hydraulie Pressure 189.60 bar Tank capacities 39.40 l Firet lank 39.40 l Hydraulic tank capacity 30.30 l Displacement 10.61 l Noise and vibration 101 dB Noise a convironment (LwA) 80 dB Whole-Body Wbration (ISO 2631-1) 0.81 m/s²	Departure angle	a2	26 °
Travel speed (unladen) 9.50 km/h Wheels 27 x 8.5 x 15 HD Engine 27 x 8.5 x 15 HD Engine brand 7 x 15 mm Engine model 3TNWSEC-MASV Engine norm Stage V. Tier 4 Gross Power 25.50 kW Net Power 24.70 kW Max. torque / Engine rotation 108 km / 2800 pm Power source Diesel LC. Engine power rating 34.20 Hp Battery voltage 12 V Alternator 40 kW Standard flow - Auxillary hydraulic Sexure 55.10 l/min Auxillary hydraulic Pessure 55.10 l/min Tank capacities 39.40 I Fuel tank 39.40 I Hydraulic tank capacity 30.30 I Displacement 30.30 I Noise and whation 101 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Clearance Radius - Front with Bucket	b18	1763 mm
Wheels 27 x 8.5 x 15 HD Standard tities 27 x 8.5 x 15 HD Engine Command Engine brand Yanmar Engine model 3TNV88C-KMSV Engine norm Stage V, Ter 4 Gross Power 25.50 kW Net Power 24.70 kW Max. torque / Engine rotation 108 km / 2800 pm Power source Diesel L. Engine power rating 34.20 Hp Battery voltage 12 V Altemator 40 kW Standard flow - Auxiliary hydraulics 55.10 l/min Auxiliary hydraulic Pessure 55.10 l/min Tauk capacities 39.40 l Fuel tank 39.40 l Hydraulic tank capacity 30.30 l Displacement 30.30 l Noise and wibration 1.60 l Noise and wibration 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Performances		
Standard tires 27 x 8.5 x 15 HD Engine Commended Engine norm \$170 WSEC-KMSV Engine norm \$130 WY Gross Power 25.50 kW Net Power 24.70 kW Max. torque / Engine rotation 108 Nm / 2800 rpm Power source Diesel LC. Engine power rating 34.20 Hp Battery voltage 12 V Alternator 40 kW Starter 2.30 kW Hydraulics 55.10 l/min Auxiliary Hydraulic Pressure 189.60 bar Tank capacities 39.40 l Fuel tank 30.30 l Hydraulic Acpacity 30.30 l Displacement 1.60 l Noise and wibration 101 dB Noise at driving position (LpA) 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Travel speed (unladen)		9.50 km/h
Engine Yanmar Engine brand Yanmar Engine model 3TNV88C-KMSV Engine norm \$18ge Y, Tier 4 Gross Power 25.50 kW Net Power 24.70 kW Max. torque / Engine rotation 108 Nm / 2800 rpm Power source Diesel L.C. Engine power rating 34.20 Hp Battery voltage 12 V Alternator 40 kW Starter 2.30 kW Hydraulics 55.10 l/min Auxiliary hydraulic sake apacities 55.10 l/min Fuel tank 39.40 I Hydraulic tank capacities 39.40 I Urbitation (and vibration) 30.30 I Noise and vibration 1.60 I Noise and vibration 80 dB Whole-Body Vibration (ICpA) 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Wheels		
Engine brand Yanmar Engine model 3TNV88C-KMSV Engine norm Stage V, Tier 4 Gross Power 25.50 kW Net Power 24.70 kW Max. torque / Engine rotation 108 Nm / 2800 rpm Power source Diesel C. Engine power rating 34.20 Hp Battery voltage 12 V Alternator 40 kW Starter 2.30 kW Hydraulics 55.10 l/min Auxiliary hydraulics 55.10 l/min Auxiliary hydraulic Pressure 189.60 bar Tank capacities 39.40 l Fuel tank 30.30 l Hydraulic tank capacity 30.30 l Displacement 1.60 l Noise and vivation 10 dB Noise at driving position (LpA) 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Standard tires		27 x 8.5 x 15 HD
Engine model 3TNV88C-KMSV Engine norm Stage V, Tier 4 Gross Power 25.56 kW Net Power 24.70 kW Max. torque / Engine rotation 108 Nm / 2800 rpm Power source Diesel LC. Engine power rating 34.20 Hp Battery voltage 12 V Altemator 40 kW Starter 2.30 kW Hydraulics 55.10 l/min Standard flow - Auxiliary hydraulics 55.10 l/min Auxiliary Hydraulic Pressure 189.60 bar Trank capacities 39.40 l Fuel tank 39.40 l Hydraulic tank capacity 30.30 l Displacement 1.60 l Noise and vibration 101 dB Noise and vibration 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Engine		
Engine nom Stage V, Tier 4 Gross Power 25.50 kW Net Power 24.70 kW Max. torque / Engine rotation 108 Nm / 2800 rpm Power source Diesel L.C. Engine power rating 34.20 Hp Battery voltage 12 V Alternator 40 kW Starter 2.30 kW Hydraulics 55.10 l/min Standard flow - Auxiliary hydraulic Pressure 55.10 l/min Auxiliary Hydraulic Pressure 39.40 l Tank capacities 39.40 l Fuel tank 39.40 l Hydraulic tank capacity 30.30 l Displacement 30.30 l Noise and vibration 10.60 l Noise to environment (LWA) 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Engine brand		Yanmar
Gross Power 25.50 kW Net Power 24.70 kW Max. torque / Engine rotation 108 Nm / 2800 rpm Power source Diesel LC. Engine power rating 34.20 Hp Battery voltage 12 V Alternator 40 kW Starter 2.30 kW Hydraulics 55.10 I/min Standard flow - Auxiliary hydraulics 55.10 I/min Auxiliary Hydraulic Pressure 189.60 bar Tank capacities 39.40 I Fuel tank 39.40 I Hydraulic tank capacity 30.30 I Displacement 30.30 I Noise and vibration 11.60 I Noise to environment (LwA) 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Engine model		3TNV88C-KMSV
Net Power 24.70 kW Max. torque / Engine rotation 108 Nm / 2800 rpm Power source Diesel L.C. Engine power rating 34.20 Hp Battery voltage 12 V Alternator 40 kW Starter 40 kW Hydraulics 55.10 I/min Standard flow - Auxiliary hydraulics 55.10 I/min Auxiliary Hydraulic Pressure 189.60 bar Tank capacities 39.40 I Fuel tank 39.40 I Hydraulic tank capacity 30.30 I Displacement 1.60 I Noise and vibration 101 dB Noise to environment (LwA) 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Engine norm		Stage V, Tier 4
Max. torque / Engine rotation 108 Nm / 2800 rpm Power source Diesel L.C. Engine power rating 34.20 Hp Battery voltage 12 V Alternator 40 kW Starter 40 kW Hydraulics 55.10 l/min Standard flow - Auxiliary hydraulics 55.10 l/min Auxiliary Hydraulic Pressure 189.60 bar Tank capacities 39.40 l Fuel tank 39.40 l Hydraulic tank capacity 30.30 l Displacement 1.60 l Noise and vibration 101 dB Noise to environment (LwA) 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Gross Power		25.50 kW
Power source Diesel I.C. Engine power rating 34.20 Hp Battery voltage 12 V Alternator 40 kW Starter 2.30 kW Hydraulics 55.10 I/min Standard flow - Auxiliary hydraulics 55.10 I/min Auxiliary hydraulic Pressure 189.60 bar Tank capacities 39.40 I Fuel tank 39.40 I Hydraulic tank capacity 30.30 I Displacement 1.60 I Noise and vibration 101 dB Noise to environment (LwA) 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Net Power		24.70 kW
I.C. Engine power rating 34.20 Hp Battery voltage 12 V Altemator 40 kW Starter 2.30 kW Hydraulies 55.10 I/min Standard flow - Auxiliary hydraulies 55.10 I/min Auxiliary Hydraulic Pressure 189.60 bar Tank capacities 9 Fuel tank 39.40 I Hydraulic tank capacity 30.30 I Displacement 1.60 I Noise and wibration 101 dB Noise to environment (LwA) 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Max. torque / Engine rotation		108 Nm / 2800 rpm
Battery voltage 12 V Alternator 40 kW Starter 2.30 kW Hydraulics 55.10 l/min Standard flow - Auxiliary hydraulics 55.10 l/min Auxiliary Hydraulic Pressure 189.60 bar Tank capacities 39.40 l Fuel tank 39.40 l Hydraulic tank capacity 30.30 l Displacement 1.60 l Noise and vibration 101 dB Noise to environment (LwA) 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Power source		Diesel
Alternator 40 kW Starter 2.30 kW Hydraulics Standard flow - Auxiliary hydraulics 55.10 l/min Auxiliary Hydraulic Pressure 189.60 bar Tank capacities Fuel tank 39.40 l Hydraulic tank capacity 30.30 l Displacement 1.60 l Noise and vibration 101 dB Noise to environment (LwA) 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	I.C. Engine power rating		34.20 Hp
Starter 2.30 kW Hydraulics 55.10 l/min Standard flow - Auxiliary hydraulics 55.10 l/min Auxiliary Hydraulic Pressure 189.60 bar Tank capacities	Battery voltage		12 V
Hydraulics 55.10 l/min Standard flow - Auxiliary hydraulics 55.10 l/min Auxiliary Hydraulic Pressure 189.60 bar Tank capacities	Alternator		40 kW
Standard flow - Auxiliary hydraulics 55.10 l/min Auxiliary Hydraulic Pressure 189.60 bar Tank capacities	Starter		2.30 kW
Auxiliary Hydraulic Pressure 189.60 bar Tank capacities 39.40 l Fuel tank 39.40 l Hydraulic tank capacity 30.30 l Displacement 1.60 l Noise and vibration 101 dB Noise to environment (LwA) 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Hydraulics		
Tank capacities Fuel tank 39.40 I Hydraulic tank capacity 30.30 I Displacement 1.60 I Noise and vibration 101 dB Noise to environment (LwA) 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Standard flow - Auxiliary hydraulics		55.10 l/min
Fuel tank 39.40 I Hydraulic tank capacity 30.30 I Displacement 1.60 I Noise and vibration	Auxiliary Hydraulic Pressure		189.60 bar
Hydraulic tank capacity 30.30 l Displacement 1.60 l Noise and vibration 30.30 l Noise to environment (LwA) 101 dB Noise at driving position (LpA) 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Tank capacities		
1.60 Noise and vibration 1.60 Noise at driving position (LpA) 80 dB Whole-Body Vibration (ISO 2631-1) 1.60	Fuel tank		39.40 l
Noise and vibration 101 dB Noise to environment (LwA) 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Hydraulic tank capacity		30.30 l
Noise to environment (LwA) 101 dB Noise at driving position (LpA) 80 dB Whole-Body Vibration (ISO 2631-1) 0.81 m/s²	Displacement		1.60 l
Noise at driving position (LpA) Whole-Body Vibration (ISO 2631-1) 80 dB 0.81 m/s ²	Noise and vibration		
Whole-Body Vibration (ISO 2631-1) 0.81 m/s ²	Noise to environment (LwA)		101 dB
	Noise at driving position (LpA)		80 dB
Vibration on hands/arms < 0.93 m/s ²	Whole-Body Vibration (ISO 2631-1)		0.81 m/s ²
	Vibration on hands/arms		< 0.93 m/s²

1050R - Dimensional drawing







Equipment

Integral Access Plate (removable)	Standard
Lifting function	
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
Lighting	
Work Lights - Front and Rear	Standard
Motorization/Power	
Engine Block Heater	Standard
Operator station	
Cab Enclosure	Optional
Foot and Hand Throttles 2	Standard
Gehl T-Bar Controls	Standard
Hand/Foot Controls	Standard
Heating	Optional
High-Back Adjustable Seat	Standard
Hom	Optional
ROPS/FOPS Level II Overhead Guard	Standard
Sound Reduction Material	Standard
Suspension Seat - Mechanical	Optional
Other options .	
Hydrostatic Drive - Servo	Standard
Selectable Self-Leveling Hydraulic Lift Action 4	Optional
Secondary functions	
Counterweight	Optional
Full Instrumentation	Standard
Security	
Anti-Vandalism Protection	Standard
Back-Up Alarm	Optional
Brake Control (Auto / Manual)	Standard
Hydraloc™ Safety System	Standard
Lift Arm Support Device	Standard
Operator Restraint Bar	Standard





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