Technical sheet:

1650R



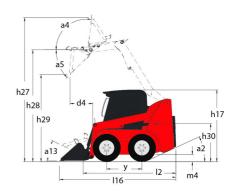


Memoto March Mar		1650R Crea	ited on August 1, 2025 at 8:29 PM UTC
Rate Objecting Capacity with Optional Counterweight 15.50 kg Wingflat and dimension 2 2798 kg Wingflat and dimension 47 9.88 km Ownall Operating Height - Fully Rabeed 52 302 am Ownall Lephito to got 16075 157 1948 am Ownall Height to togo 16075 157 1948 am Ownall Height to togo 16075 157 38* Ownall Height to togo 16075 16 310 mm Ownall Height to togo 16075 16 310 mm Ownall Height to togo 16075 16 310 mm Ownall Height to togo 16075 16 379 mm Sollback at guined 16 379 mm Sollback at guined 313 28* Sollback at guined 31 32* Sollback at guined 32 21* Guined Mineral 32 2	Capacities		Metric
Rate Objecting Capacity with Optional Counterweight 15.50 kg Wingflat and dimension 2 2798 kg Wingflat and dimension 47 9.88 km Ownall Operating Height - Fully Rabeed 52 302 am Ownall Lephito to got 16075 157 1948 am Ownall Height to togo 16075 157 1948 am Ownall Height to togo 16075 157 38* Ownall Height to togo 16075 16 310 mm Ownall Height to togo 16075 16 310 mm Ownall Height to togo 16075 16 310 mm Ownall Height to togo 16075 16 379 mm Sollback at guined 16 379 mm Sollback at guined 313 28* Sollback at guined 31 32* Sollback at guined 32 21* Guined Mineral 32 2	<u> </u>		
Unlaider weight			*
Wingits and dimensions			-
Wheelbase y 988 mm Ownell Operating Height - Hully Based 127 378 mm Height is fully Based 128 3923 mm Dump Height is to per foldys 117 1948 mm Dump Leight is to per foldys 25 38° Dump height is better 129 2238 mm Ownerll leight will bucket 116 3101 mm Dump beach - Full height is bucket 16 579 mm Seat to ground height 133 904 mm Old many Controlled of the study of the stud			
OwenII pegalate Fally Balased 167 3376 mm OwenII Height to fing Pin Fally Balased 168 3232 mm OwenII Height to fing ORPS 1117 1948 mm OwenII Height to fing of ROPS 1117 1948 mm Dump and et full Height 55 382 mm OwenII Height to fing of Roys 116 3101 mm OwenII Height to fing of Roys 116 3101 mm OwenII Height to fing of Roys 133 28 mm OwenII Height to fing of Roys 133 28 mm Seat to ground height 150 904 mm OwenII eight to fing of Roys 150 904 mm OwenII eight to fing of Roys 151 154 mm OwenII eight to fing of Roys 16 157 mm OwenII eight to fing of Roys 16 157 mm OwenII eight to fing of Roys 16 152 mm OwenII eight to fing of Roys 16 152 mm OwenII eight to fing of Roys 16 152 mm OwenII eight to fing of Roys 16 152 mm OwenII eight to fing of Roys	`	V	988 mm
Height to Minge Pin - Fully Polised 10.08 30.02 mm 10.000 mm 10.0000 mm 10.000 mm 10.0000 mm 10.0000 mm 10.0000 mm 10.0000 mm 10			
Ownell Height to opo FORS h 17 1948 mm Dump agula riful height a5 38° Dump height 129 2330 mm Owerall height will bucket 16 510 mm Owerall height will bucket 6 579 mm Rollback at ground a13 28° Sex to ground height b00 904 mm Owerall height b10 1544 mm Owerall height e1 1522 mm Ground cleanance m4 160 mm Owerall height - Less Bucket m7 122 285 mm Ground cleanance m84 160 mm Owerall height - Less Bucket m84 180 mm Talvel Speed (wind height - Less Buc			
Dump anelgal art Il helojt 15 38 7 Dump helojt 123 2280 mm 2280 mm 100 mm 116 3101 mm 310 mm 100			
Dump elagibh* 129 2380 mm Onemail length with backet 116 3101 mm Onemail length with backet 16 579 mm Boillabek at ground a13 28° Sea to y ground height h30 994 mm Owerall with lies backet b1 1544 mm Bucket Worth e1 1552 mm Ground clearance m4 160 mm Owerall length - Less Bucket m4 160 mm Owerall length - Less Bucket m4 160 mm Oreal length - Less Bucket m6 12 2385 mm Operative angle a2 221° 2385 mm Oreal length - Less Bucket b18 180 mm 180 mm Oreal length - Less Bucket b18 180 mm 180 mm <t< td=""><td></td><td></td><td></td></t<>			
OwenI length with bucket 116 3101 mm Dump reach - Full helpit 66 5.79 mm Kollback at ground a13 28 ° Seat to ground helpith b10 1544 mm OwenI with the stocket b1 1544 mm Bucket Width c1 1552 mm OwenI length - Less Bucket p2 2335 mm OvenI length - Less Bucket p8 1869 mm OvenI length - Less Bucket p8 1869 mm OvenI length - Less Bucket p8 1869 mm OvenI length - Less Bucket p8 1879 mm OvenI length - Less Bucket p8 1869 mm OvenI length - Less Bucket p8 1869 mm OvenI length - Less Bucket p8 1869 mm OvenI length - Less Bucket p8 1870 mm OvenI length - Less Bucket p8 1870 mm OvenI length - Less Bucket p8 1870 mm Departure angle p8 1800 mm State Bucket Middle p8 1800 mm English Bucket Middle </td <td></td> <td></td> <td></td>			
Dump neach - Full height 66 577 mm Rollback at ground a13 28 ° Sea to ground height h30 904 mm Owerall widn less bucket b1 1544 mm Bucket Widn e1 1552 mm Ground clearance m4 160 mm Overall leight - Less Bucket 12 2855 mm Overall leight - Less Bucket b18 1859 mm Pelepatture angle 22 21 ° Clearance Radius - Front with Bucket b18 1859 mm Performances 11 12.60 km/h Travel speed (uniden) 12.60 km/h 12.60 km/h Travel speed with Two-Speed Option - Maximum 12.60 km/h 12.60 km/h Weels 10 to x 16.5 to 15.00 km/h Standard tires 10 to x 16.5 to 15.00 km/h Engine brand 4 to x 10 km/s 14.00 km/h Engine brand 4 to x 10 km/s 15.00 km/s Engine brand 5 to x 10 km/s 15.00 km/s Engine brand 6 to x 10 km/s 15.00 km/s			
Rollback at pound a13 28 * Seat to ground height h30 904 mm Oweall width less bucket b1 154 mm Bucket Width e1 1552 mm Gound clearance e1 1552 mm Overall length - Less Bucket 12 2385 mm Oberpature angle 12 2385 mm Clearance Radiou - Front with Bucket n18 1859 mm Felformance 118 1859 mm Felformance 118 1859 mm Felformance 118 1859 mm Felformance 118 1859 mm Travel speed (unidare) 12 12.60 km/h Travel speed (unidare) 1 15.05 km/h Travel speed (unidare) 1 10.00 x 16.5 HD Fellore 1 10.00 x 16.5 HD Fellore 4 10.00 x 16.5 HD Fellore			
Seat to ground height h30 904 mm Overall widh fies bucket b1 1554 mm Skouck Widh e1 1552 mm Ground clearance m4 160 mm Overall length - Less bucket 2 2 2385 mm Departure angle a2 21 * Clearance Radius - Front with Bucket b18 1659 mm Performances 8 162,0 km/h Travel Speed (unladen) 19,50 km/h Travel Speed with Two Speed Option - Maximum 19,50 km/h Wiscles 1000 x 16.5 HD Slandard fixes 9 10,00 x 16.5 HD Engine brand 9 7 mmar Engine brand 9 4 TN NWSC 4MS Gross Power 51 kW 51 kW Net Power 51 kW 51 kW Net Power 51 kW 51 kW LC. Engine power atting 69,73 hp 69,73 hp Barbary orlinge 69,73 hp 10 kW Stater 100 kW 3 kW Hybraulia 71.40 l/min 4			
Overall width lees bucket b1 1544 mm Bucket Width e1 1552 mm Ground clearance m4 160 mm Overall length - Less Bucket 12 2385 mm Depature angle a2 21* Clearance Radius - Frint with Bucket b18 1869 mm Performances	•		
Bucket Wilth e1 1552 mm Ground clearance m4 160 mm Overall length - Less Bucket a2 21* Departure angle b18 1869 mm Cleanance Radius - Front with Bucket b18 1869 mm Furdomalnoce 12.50 km/h 19.50 km/h Travel Speed (Unidaden) 19.50 km/h 19.50 km/h Travel Speed (Wilth Wospeed Option - Maximum 19.50 km/h 19.50 km/h Wheels 19.50 km/h 19.50 km/h Standard lites 9 10.00 x 1.5 HD Engine Yannar 19.50 km/h Engine brand 4 NW882-KMS 10.00 x 1.5 HD Engine brand 4 NW882-KMS 25 kW Engine brand 4 NW882-KMS 25 kW Engine brand 5 kW 24 kW Nr.2500 pm Engine brand 5 kW 24 kW Nr.2500 pm Engine brand 6 9.73 kp 69.73 kp Engine brand 6 9.73 kp 69.73 kp Engine brand 6 9.73 kp 69.73 kp Engine brand <	• •		
Ground clearance m4 160 mm Overall leaght - Less Bucket 12 2 325 mm Cleannec Radius - Front with Bucket 518 1869 mm Performances 518 1869 mm Travel speed (unladen) 19.50 km/h 19.50 km/h Travel speed (unladen) 5 19.50 km/h Standard füres 6 19.50 km/h Singer 6 19.50 km/h Shandard füres 6 10.00 x 16.5 HD Engine brond 9 10.00 x 16.5 HD Engine brondel 5 4 Yannar Engine brondel 5 5 kW Brower 5 kW 5 kW Net Power 5 kW 5 kW Net Power 5 kW 12 kW Net Power souting 9 10 keel Lic. Engine power rating 1 kW 12 kW Saltery voltage 1 kW 12 kW Hybridulie 2 kW 10 kW Standard flow - Auxiliary hydraulies Auxiliary hydraulies Possure - Option 2 kW 11 kW in in in in in in in			
Overall length - Less Bucket 12 2.385 mm Departure angle 22 21° Cleanance Radius - Front with Bucket b18 1869 mm Priormances 12.500 km/h 12.500 km/h Travel Speed (unladen) 2 19.500 km/h Travel Speed with Two Speed Option - Maximum 5 19.500 km/h Wheels 10.00 x 16.5 HD 10.00 x 16.5 HD Engine 6 10.00 x 16.5 HD Engine brand 9 Yannar Engine brand 9 52 kW Sonse Power 51 kW 44 km/s8C-MMS Gross Power 51 kW 51 kW Nex Lonque / Engine rotation 9 241 km / 2500 rpm Power source 10 esel 10 kW LC. Engine powerating 9 69.73 Hp Battery witage 9 3 kW LO. Engine powerating 9 3 kW State 10 kW 3 kW State 12 V 4 km/s Alternator 2 3 kW St			
Departure angle a2 21 * Cleannee Radius - Front with Bucket 188 188 m 188 m mm Performances 1 1 Travel Speed (unladen) 1 2.56 km /h Travel Speed with Two Speed Option - Maximum 2 1.56 km /h Wheels 2 1.50 km /h Standard tities 6 1.50 km /h Engine 4 1.50 km /h Engine brand 9 4 mm Engine brand 9 4 mm Engine model 4 TW Namar 5 kW Net Power 5 kW 4 mm 5 kW Net Power 9 5 kW 6 mm 5 kW Net Power 9 24 hm /2500 pm 1 kW			
Clearance Radius - Front with Bucket b18 1869 mm Performances Clear Capability Clear Capability Travel Speed (unladen) 12.60 km/h Travel Speed with Two Speed Option - Maximum 19.50 km/h Wheels 1 Standard tities 0 10.00 x 16.5 HD Engine 4 Two Market Engine band 4 Two Market Engine band 4 Two Market Engine browler 5 3 kW Gross Power 5 kW 5 kW Net Power 5 kW 5 kW LC. Engine power rating 6 cp. 24 km / 2500 pm Power source 12 kW LC. Engine power rating 6 cp. 33 kp Battery voltage 12 kW Lot Stater 12 kW Hydraulic 100 kW Stater 12 kW Hydraulic Pleasure 71.40 l/min Stater 2 207 bar Hydraulics Pleasure - Option 2 200 bar High-How Auxiliary Hydraulics - Option			
Performances 12.60 km/h Travel Speed (uniden) 19.50 km/h Travel Speed with Two-Speed Option - Maximum 19.50 km/h Wheels 10.00 x 16.5 HD Standard tiese 10.00 x 16.5 HD Engine 4TMV85C - KMS Engine brand 4TMV85C - KMS Engine model 4TMV85C - KMS Gross Power 5 kW Net Power 5 kW Net Power source Diesel LC. Engine power rating 69.73 Hp Battery voltage 12 V Altemator 100 kW Starter 3 kW Hydraulics 71.40 l/min Standard flow - Auxiliary hydraulics Auxiliary hydraulics - Option 200 bar High-Flow Auxiliary hydraulics - Option 200 bar Funk capacity 41.60 ll Funk capacity 46.250 ll Full tank 62.50 ll Hydraulic and capacity 3.30 ll Full tank 62.50 ll Full tank 62.50 ll Full tank 62.50 ll Full tank			
Travel speed (unladen) 12.60 km/h Travel Speed vibit Two-Speed Option - Maximum 19.50 km/h Wheels 19.50 km/h Standard tires 10.00 x 16.5 HD Engine 10.00 x 16.5 HD Engine brand 4 Yanmar Engine model 4 TNV88C-KMS Gross Power 52 kW Net Power 51 kW Max. torque / Engine rotation 241 Nm / 2500 rpm Power source 50 esel Cb. Engine power rating 69.73 tp Battery voltage 12 V Alternator 100 kW Standard flow - Auxiliary hydraulics 3 kW Hydraulics 207 bar High-Flow Auxiliary Hydraulics - Option 207 bar High-Flow Auxiliary Hydraulics - Option 200 bar Fuel tank 6.250 I Hydraulic tank capacity 6.50 I Fuel tank 6.50 I Noise and vibration 101 dB Noise to environment (kMA) 85 dB Whole-Body Vibration (ISD 2631-1) 6.90 m/s²		b18	1869 mm
Travel Speed with Two Speed Option - Maximum 19.50 km/h Wheels Commender Engine Commender Engine brand Yannar Engine model 4TNN862-KMS Gross Power 52 kW Net Power 51 kW Max. torque / Engine rotation 2 Policy and 1 km / 2500 rpm Ower source Diesel LC. Engine power rating 69.73 Hp Battery voltage 12 V Altemator 100 kW Starter 3 kW Hydraulic 3 kW Hydraulic Pressure 2 O7 bar High-Flow Auxiliary Hydraulics - Option 2 O7 bar High-Flow Auxiliary Hydraulics - Option 2 O7 bar High-Flow Auxiliary Hydraulics - Option 2 O7 bar Fluel tank 6 C2.50 I Hydraulic tracepacity 4 L60 I Displacement 6 C2.50 I Noise and wibration 6 C3.50 I Noise to environment (LMA) 101 Id 8 Noise to environment (LMA) 101 Id 8 Whole-Body Wibration (ISO 2631-I) 5 5			
Wheels 10.00 x 16.5 HD Standard dires 10.00 x 16.5 HD Engine 10.00 x 16.5 HD Engine brand Yanmar Engine model 4TNV88C-KMS Gross Power 52 kW Net Power 51 kW Max. torque / Engine rotation 241 Nm / 2500 rpm Power source Diesel I.C. Engine power rating 69,73 Hp Battery voltage 12 V Alternator 3 kW Stards 100 kW Starder 3 kW Hydraulics 207 bar High-Flow Auxiliary hydraulics - Option 271.40 l/min High-Flow Auxiliary hydraulics - Option 71.40 l/min High-Flow Auxiliary hydraulics - Option 207 bar High-Flow Auxiliary hydraulics - Option 200 bar Tank capacities 62.501 Fuel tank 62.501 Hydraulic tank capacity 41.601 Displacement 3.301 Noise to environment (LwA) 3.85 dls Noise to environment (LyA) 5.85 dls	, , ,		
Engine 10.00 x 16.5 HD Engine brade 74nmar Engine model 4ThV88C-KMS Gross Power 52 kW Net Power 51 kW Max. torque / Engine rotation 241 km / 2500 rpm Power source Diesel LC. Engine power rating 69,73 kp Sattery voltage 12 V Alternator 100 kW Starter 3 kW Hydraulics 3 kW Hydraulics Possure 207 bar High-Flow Auxiliary hydraulics - Option 207 bar High-Flow Auxiliary hydraulics - Option 200 bar Tank capacities 200 bar Fuel tank 62.50 l Hydraulic tank capacity 41.60 l Displacement 3.30 l Noise and wibston 3 85 d8 Woise downward (ISO 2631-1) 85 d8 Wolle-Body Wibstation (ISO 2631-1) 0.90 m/s²			19.50 km/h
Engine Manual Engine brand Yanmar Engine model 4TNVSBC-KMS Gross Power 52 kW Net Power 51 kW Max. torque / Engine rotation 241 km / 2500 pm Power source Diesel LC. Engine power rating 69,73 Hp Battery voltage 12 V Alternator 100 kW Starder 3 kW Hydraulics 3 kW Hydraulics 207 bar High-Flow Auxiliary hydraulics - Option 207 bar High-Flow Auxiliary hydraulics - Option 200 bar Tank capacities 400 bar Fuel tank 62,51 Hydraulic ank capacity 3,30 l Publication 3,30 l Noise and vibration 3,30 l Noise to environment (LwA) 3,56 d			
Engine brand Yanmar Engine model 4TNV88C-MMS Gross Power 52 kW Net Power 51 kW Max. torque / Engine rotation 241 Nm / 2500 rpm Power source Diesel LC. Engine power rating 69.73 Hp Sattery voltage 12 V Alternator 100 kW Starter 3 kW Hydraulis 3 kW Standard flow - Auxiliary hydraulics Peasure 207 bar High-Flow Auxiliary hydraulics Peasure - Option 207 bar High-Flow Auxiliary Hydraulics Peasure - Option 200 bar Tank capacities 200 bar Teul tank 62.50 l Hydraulic tank capacity 41.60 l Displacement 3.30 l Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISQ 2631-1) 69 on m/s²			10.00 x 16.5 HD
Engine model 4TNV88C-KMS Gross Power 52 kW Net Power 51 kW Max. torque / Engine rotation 241 Nm / 250 rpm Power source Diesel I.C. Engine power rating 69.73 Hp Battery voltage 12 V Altemator 3 kW Starder 3 kW Hydraulics 71.40 I/min Studiand flow - Auxiliary hydraulics Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 200 bar Tank capacities 200 bar Fuel tank 62.50 I Hydraulic tank capacity 62.50 I Updaulic tank capacity 3.30 I Noise and vibration 41.60 I Noise to environment (LpA) 85 dB Whole-Body Vibration (LpA) 85 dB Whole-Body Vibration (LSO 2631-1) 0.90 m/s²	Engine		
Gos Power 52 kW Net Power 51 kW Max. torque / Engine rotation 241 km / 2500 rpm Power source Diese LC. Engine power rating 69.73 Hp Battery voltage 12 V Altemator 3 kW Starder 3 kW Hydraulics 71.40 l/min Standard flow - Auxiliary hydraulics of potion 77.40 l/min Auxiliary Hydraulics - Option 200 bar High-Flow Auxiliary Hydraulics - Option 200 bar Fuel tank 66.50 l Hydraulic tank capacitie 66.50 l Hydraulic tank capacity 41.60 l Displacement 60.50 l Noise and vibration 10 d Noise to environment (LwA) 85 dB Whole-Body Vibration (150 2631-1) 6.90 m/s²	Engine brand		Yanmar
Net Power 51 kW Max. torque / Engine rotation 241 Nm / 2500 rpm Power source Diesel LC. Engine power rating 69.73 Hp Battery voltage 12 V Alternator 100 kW Starter 3 kW Hydraulics 3 kW High-Flow Auxiliary hydraulics Pessure 207 bar High-Flow Auxiliary Hydraulics - Option 207 bar High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 200 bar Fuel tank 62.50 l Hydraulic tank capacity 41.60 l Displacement 62.50 l Noise and vibration 3 3.30 l Noise on vironment (LwA) 85 dB Whole-Body Vibration (Iso 2631-1) 6.90 m/s²	Engine model		4TNV88C-KMS
Max. torque / Engine rotation 241 Nm / 2500 rpm Power source Diesel LC. Engine power rating 69,73 Hp Battery voltage 12 V Altemator 100 kW Starter 3 kW Hydraulics 3 kW Standard flow - Auxiliary hydraulics Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 207 bar High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 200 bar Fuel tank 62.501 Hydraulic tank capacity 41.601 Displacement 62.501 Noise and vibration 62.501 Noise on vinorment (LwA) 63.301 Noise on vinorment (LwA) 65.60 Whole-Body Vibration (ISO 2631-1) 85 dB	Gross Power		52 kW
Power source Diesel L.C. Engine power rating 69.73 Hp Battery voltage 12 V Alternator 100 kW Starter 3 kW Hydraulics 71.40 I/min Auxiliary Hydraulics Pessure 207 bar High-Flow Auxiliary Hydraulics - Option 207 bar High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Fuel tank 62.50 I Hydraulic tank capacity 41.60 I Displacement 65.50 I Noise and Whatton 3.30 I Noise to environment (LwA) 101 dB Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²	Net Power		51 kW
LC. Engine power rating 69.73 Hp Battery voltage 12 V Alternator 100 kW Stafer 3 kW Hydraulics ————————————————————————————————————	Max. torque / Engine rotation		241 Nm / 2500 rpm
Battery voltage 12 V Alternator 100 kW Starter 3 kW Hydraulics 50 mm Standard flow - Auxiliary Hydraulics 71.40 l/min Auxiliary Hydraulics - Option 207 bar High-Flow Auxiliary Hydraulics - Option 114 l/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 200 bar Fuel tank 62.50 l Hydraulic tank capacity 41.60 l Displacement 3.30 l Noise and vibration 3.30 l Noise to environment (LwA) 101 dB Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²	Power source		Diesel
Alternator 100 kW Starter 3 kW Hydraulics Standard flow - Auxiliary hydraulics 71.40 l/min Auxiliary Hydraulic Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 114 l/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 200 bar Fuel tank 62.50 l Hydraulic tank capacity 41.60 l Displacement 3.30 l Noise and vibration 101 dB Noise to environment (LwA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²	I.C. Engine power rating		69.73 Hp
Starter 3 kW 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 Fuel tank Hydraulic ank capacity Hydraulic tank capacity University Hydraulic ank capacity Noise and vibration Noise and vibration Noise and vibration Noise at driving position (LpA) Whole-Body Vibration (ISO 2631-1)	Battery voltage		12 V
HydraulicsImage: Company of the properties of the propertie	Alternator		100 kW
Standard flow - Auxiliary hydraulics 71.40 l/min Auxiliary Hydraulic Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 114 l/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 200 bar Fuel tank 62.50 l Hydraulic tank capacity 41.60 l Displacement 3.30 l Noise and vibration 200 d Noise to environment (LwA) 3.30 l Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²	Starter		3 kW
Auxiliary Hydraulic Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 200 bar Tank capacities 200 bar Fuel tank 62.50 l Hydraulic tank capacity 41.60 l Displacement 3.30 l Noise and vibration 3.30 l Noise to environment (LwA) 50 d Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²	Hydraulics		
Auxiliary Hydraulic Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 200 bar Tank capacities 200 bar Fuel tank 62.50 l Hydraulic tank capacity 41.60 l Displacement 3.30 l Noise and vibration 3.30 l Noise to environment (LwA) 50 d Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²	Standard flow - Auxiliary hydraulics		71.40 l/min
High-Flow Auxiliary Hydraulics - Option 114 I/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 6 Fuel tank 62.50 I Hydraulic tank capacity 41.60 I Displacement 3.30 I Noise and vibration 5 Noise to environment (LwA) 101 dB Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²			207 bar
High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities Commend of Earth (East) Fuel tank 62.50 l Hydraulic tank capacity 41.60 l Displacement 3.30 l Noise and vibration Commend (LwA) Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²	• •		114 l/min
Tank capacities Comment			
Fuel tank 62.50 I Hydraulic tank capacity 41.60 I Displacement 3.30 I Noise and vibration Company Noise to environment (LwA) 101 dB Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²			
Hydraulic tank capacity 41.60 l Displacement 3.30 l Noise and vibration Company Noise to environment (LwA) 101 dB Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²	·		62.50
Displacement 3.30 I Noise and vibration ————————————————————————————————————			
Noise and vibration Company Noise to environment (LwA) 101 dB Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²			
Noise to environment (LwA) 101 dB Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²			0.001
Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²			101 dB
Whole-Body Vibration (ISO 2631-1) 0.90 m/s ²			
, , ,			
	• • •		

1650R - Dimensional drawing







Equipment

Integral Access Dista (removable)	Standard
Integral Access Plate (removable)	Standard
Lifting function	Standard
All-Tach® Attachment Mounting System	
Auxiliary Hydraulics	Standard
High-Flow Auxiliary Hydraulics	Optional
Power-A-Tach® Attachment Mounting System	Optional
Lighting	Ohandand
Work Lights - Front and Rear	Standard
Motorization/Power	Oten dend
Engine Auto-Shutdown System	Standard
Engine Block Heater	Optional
Swing-Out Cooler	Standard
Two-Speed Drive	Optional
Operator station	
Air conditioning with manual adjustment	Optional
Air suspension seat	Optional
Cab Enclosure	Optional
Foot and Hand Throttles 2	Standard
Gehl T-Bar Controls	Optional
Hand/Foot Controls	Optional
Heating	Optional
High-Back Adjustable Seat	Standard
Hom	Standard
Joystick controls	Optional
ROPS/FOPS Level II Overhead Guard	Standard
Sound Reduction Material	Standard
Suspension Seat - Mechanical	Optional
Other options Control of the Control	
Hydrostatic Drive - Servo	Standard
Selectable Self-Leveling Hydraulic Lift Action 4	Optional
Secondary functions	
Counterweight	Optional
Full Instrumentation	Standard
Hydraglide™ Ride Control 3	Optional
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





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