Technical sheet :

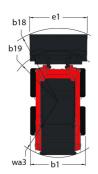




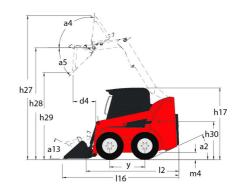


OppediationMoticBind Operating Deparing Height StagBTS NgBind Operating Deparing Height StagBTS NgDerail Deparing Height StagBTSDerail Deparing Height StagBTSDeparing Height StagBTS		10001	oreated off may 10, 2021 at 2:00.
Underweight282 kg 282 kg 282 kg 1838 kgVirapior capacity100Virapior capacity103Virapior capacity103Oreal longht wight fully faired103Oreal longht wight fully faired103Oreal longht wight fully faired103Oreal longht wight bookt116Oreal longht wight bookt118Oreal longht bookt118	Capacities		Metric
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World addimetationsNoteOverall height bridg Ph - Fully Raisedb.278.86 cmHeight bridge Ph - Fully Raisedb.283.02.3 cmOverall height bridge Ph - Fully Raiseda.53.83 cmDum and at full heighta.53.83 cmDum and at full heighta.53.83 cmDum and at full heighta.63.33 cmDum and at full heighta.63.93 cmBulback Angoutha.63.93 cmSeator ground height heighta.69.9 cmSeator ground height heighta.69.9 cmOverall height height at full heighta.69.9 cmSeator ground height heighta.69.0 cmOverall height height at full heighta.61.0 cmOverall height height at full heighta.61.0 cmOverall height height at full heighta.61.0 cmOvera	Unladen weight		2892 kg
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Dump heighth292379 mmOreal lengt with backet1163139 mmDump each f-rull height166157 mmRollback at grounda1328°Rollback at ground heighta1328°Seate pound heighta1499°Seate pound height1619930 mmWeetbaseb1019322 mmBacket Withb111822 mmBacket With111822 mmBacket With111822 mmCoural with ise backet111822 mmBacket With122425 mmOreal Height - Less Backet1181808 mmOreal Height - Less Backet1181808 mmClearance Rollie - Front with Backet1181808 mmClearance Rollie - Front with Backet1191130 mmClearance Rollie - Front with Backet1191130 mmClearance Rollie - Front with Backet1191130 mmClearance Rollie - Front with Backet1191120 km /htPartomanse111120 km /htPartomanse111120 km /htRollie Roll1101100 km /htRollie Roll1101100 km /htRollie Rollie Rollie Rollie Rollie Rollie1100 km /htRollie Rollie Rollie Rollie Rollie1100 km /htRollie Rollie Ro	Overall Height to top of ROPS	h17	1948 mm
Overall lengh with bucket1163139 mmDump neds- Full height61679 mmRollback at yourd4499 *Seata pourd height8499 *Seata pourd height8499 *Seata pourd height91303 mmWheebasey988 mmOverall with less bucket111582 mmBocket Widh611582 mmSourd clearance122425 mmOverall engh * Less Bucket122425 mmOverall engh * Less Bucket1311889 mmClearance Radius * Front with Bucket131181Clearance Circle * Saar132130 mmClearance Circle * Saar131130 mmClearance Circle * Saar131120 km / mmClearance Circle * Saar131120 km / mmClearance Circle * Saar131130 mmClearance Circle * Saar131130 mmClearance Circle * Saar132 km / mm130 kmClearance Circle * Saar132 km13	Dump angle at full height	a5	38 °
Dempersh-full heightfré679 nmRollback atgoorda1328 ''Rollback atgoorda1328 ''Rollback atgoordh30930 nmWheebbaseh30930 nmWheebbaseh30930 nmOverall widh less bucketh311552 nmBucket Widh less bucketb11552 nmBucket Widh less buckete11552 nmBucket Widh less buckete11552 nmBucket Widh less buckete11552 nmBucket Widh less buckete11552 nmOverall length - Less Buckete1161Oreall length - Less Bucketb181669 nmCleanne Chicle - Front without Bucketb181669 nmCleanne Chicle - Front without Bucketb191130 nmCleanne Chicle - Reare1120 km/ntParter angel (underb181610 kmTarel speed (underb181610 kmBatter Structurete1120 km/ntBradee1120 km/ntBradee1	Dump height	h29	2379 mm
Bellback at gounda1328°Bollback At gounda499°Bollback At gound Angle at Full Heighta499°Satt o gound Melbash90303 mm.Wheelbashb11582 mm.Oreall widh less bucktb11582 mm.Bouckt Widha11652 mm.Gound cleanacem4160 mm.Oreall lengh-Less buckt202426 mm.Depatite anglea210°Cleanace Circle - Rearb181869 mm.Cleanace Circle - Rearwa11519 mm.Performanceswa11519 mm.Tevel speed (unladen)wa11519 mm.Tevel speed (unladen)wa1100 to 15.10 PM HDEngine bandmain100 to 15.10 PM HDEngine bandmain100 to 15.10 PM HDEngine bandmain114Gound Cleanace Circle - Rear100 to 15.10 PM HDEngine bandmain114Engine bandmain114Engine bandmin114Engine bandmin114Engine bandmin12.0 km/hNet Powermain12.0 km/hNet Powermin12.0 km/hNet Powermin12.0 km/hNet Powermin12.0 km/hStard Gircle Attarmin12.0 km/hStard Gircle Attarmin12.0 km/hStard Gircle Attarmin12.0 km/hStard Gircle Attarmin12.0 km/hStard Gircle Attarmin </td <td>Overall length with bucket</td> <td>116</td> <td>3139 mm</td>	Overall length with bucket	116	3139 mm
Reliback Angle at Full Heightad99*Seat oryund height130930 mmNeelbase130930 mmWheelbase130930 mmOverall widh less bucketbl1582 mmBucket Widhh1502 mm1502 mmBucket Widhm4160 mmOverall wight122425 mmOperature angle122425 mmOperature angle122425 mmOperature angle1301130 mmClearance Ruice - Front with Bucket19191130 mmClearance Ruice - Front with Bucket19191130 mmClearance Ruice - Rear194120 km/mParle angle (Inideen)194120 km/mEngene Cluice - Rear194120 km/mEngene Ruice194100 kl.5.1 DPR HDEngine nonal194100 kl.5.1 D	Dump reach - Full height	r6	579 mm
Seat or ground heighthB30930 mmWheelbaseY988 mmWheelbaseD1582 mmBocker WidthBol1582 mmBocker Widthel11562 mmGround clearancem4160 mmOverall length - Less Bocket22.4225 mmDepatrue anglea.219.°Clearance Cluicle - Front without Bucket10.81130 mmClearance Cluicle - Front without Bucketb1911310 mmClearance Cluicle - Front without Bucketb191130 mmClearance Cluicle - Rearwal12.6 km/hParter speed (uniden)wal10.2 (2.6 km/hMeterMather10.0 (2.5 km/hStandar fins10.0 (2.5 km/hEngine brand10.0 (2.5 km/hRotter group Cleare2.0 km/hNet Power10.0 (2.5 km/hNet Power10.0 (2.5 km/hNet Power10.0 (2.5 km/hRotter group Cleare10.0 (2.5 km/hRotter group Cleare10.0 (2.5 km/hRotter group Cleare10.0 (2.5 km/hRotter group Cleare10.0 (2.5 km/hRott	Rollback at ground	a13	28 °
Wheelbasey988 mmOreall with less bucket511582 mmBucket With611582 mmGourd clearancemd1611582 mmOreall clearance Activesmd161161Oreall clearance Actives - Front with bucket2219 *Clearance Kadius - Front with bucket10181869 mmClearance Clicie - Fort without Bucket10181869 mmToxel speed (uniden)wal11319 mmPerformances101102.66 km/hToxel speed (uniden)101102.66 km/hWheels101102.66 km/hStandat fuits101102.66 km/hFighe brand101102.66 km/hEngine model101102.66 km/hEngine model101102.66 km/hEngine model101102.66 km/hStandat fuits101102.66 km/hNet Power221010 kAStandat fuits221010 kAStandat fuits10112.66 km/hNumber of cliniters221010 kANumber of cliniters2221.61 km/hNumber of cliniters2211.72 km/hAlters water2312.12 km/hStandat flow - Autiliant phydraulics31.80 km/hHorbaulic Porsuue2421.12 km/h <t< td=""><td>Rollback Angle at Full Height</td><td>a4</td><td>99 °</td></t<>	Rollback Angle at Full Height	a4	99 °
Denal width less bucketb11582 mmBucket Widthe11562 mmBucket Widthm4160 mmOurant lengencem4160 mmOreall length - Less Bucket122425 mmDepatrue anglen219 *Clearance Adius - Front with Bucketb181860 mmClearance Citrie - Front without Bucketb191130 mmClearance Citrie - Rearb191130 mmClearance Citrie - Rearb18160 mmTaxel speed (unladen)b18100 mmStandard tiresb18100 th 155 mmEngine brandclearance Adius - Front Without Bucket100 th 155 mmEngine brandclearance Adius - Front Without Bucket100 th 155 mmEngine brandclearance Adius - Front Without Bucket100 th 155 mmEngine brandclearance Adius - Front Without Bucket100 th 155 mmEngine nomclearance Adius - Front Without Bucket100 th 155 mmEngine nomclearance Adius - Front Without Bucket100 th 155 mmEngine nomclearance Adius - Front Without Bucket100 th 150	Seat to ground height	h30	930 mm
Bucket Widhe11562 mmGroud clearancemd10225 mmOreall lengh-Less Bucketa219 °Departure anglea219 °Clearance Chirel-Forn Wihou Bucketb191130 mmClearance Chirel-Forn Wihou Bucketwa11519 mmClearance Chirel-Forn Wihou Bucketwa11519 mmTaxel speed (undade)wa11519 mmTaxel speed (undade)wa112.00 km/hBindard Biresmanner100Englemanner100Englemanner100Englemanner100Englemanner100Englemanner100Englemanner100Englemanner100Englemanner100Manner100100Engle100100Manner100100Store4100Matter100100Manner100100Manner100100Manner100100Manner100100Manner100100Store4100Accesory plug100100Accesory plug100100Accesory plug100100Auter100100Auter100100Auter100100Auter100100Auter100100Auter1001	Wheelbase	у	988 mm
Snond cleanacem4160 mmOreal length - Less Bockt122425 mmDepature anglea219°Cleanace Radius - Font with Bucketb181869 mmCleanace Circle - Font without Bucketb191130 mmCleanace Circle - Font without Bucketb191130 mmCleanace Circle - Font without Bucketb191130 mmCleanace Circle - Font without Bucketwal1519 mmCleanace Circle - Rearwal1519 mmTavel speed (unladen)wal100 mmStandard tiresIDM100 mmEngine bandard tiresIDM100 mmEngine bandardStandard tires100 mmEngine bandard tiresIDM100 mmEngine bandIDM100 mmEngine bandIDM100 mmEngine bandIDM100 mmEngine bandIDM100 mmNuther Of Circle RearIDM100 mmNuther Of Circle RearIDM100 mmNuther Of Circle RearIDM100 AStarterIDM100 ANuther Of Circle RearIDM100 AStarterIDM100 A <tr< td=""><td>Overall width less bucket</td><td>b1</td><td>1582 mm</td></tr<>	Overall width less bucket	b1	1582 mm
Overall length - Less Bucket122425 mmDeparture anglea219°Clearance Radius - Front with Bucketb181869 mmClearance Clicle - Foort without Bucketb181130 mmClearance Clicle - Foort without Bucketwal1519 mmPerformanceswal1519 mmTavel speed (unladen)wal12.00 km/hTavel speed (unladen)wal12.00 km/hWhedswal12.00 km/hStandard threswal12.00 km/hEngine brandseed4000000000000000000000000000000000000	Bucket Width	e1	1562 mm
Departure onlea219 *Cleanace Radius - Font with bucketb181689 mmCleanace Circle - Rearwa11519 mmCleanace Circle - Rearwa11519 mmPerformancewa11519 mmTaxel speed (unladen)wa11510 mmStandard tiesmain12.60 km/hEngine bandmain1000 km/hEngine bandmain1000 km/hEngine nodelmain1000 km/hStandard ties1000 km/h1000 km/hEngine nodelmain1000 km/hEngine nodelmain1000 km/hStandard ties1000 km/h1000 km/hEngine nodelmain1000 km/hNet nove / Engine notationmain1000 km/hStandard flow - Auxilla	Ground clearance	m4	160 mm
Clearance Aduus - Front with Bucketb181869 mmClearance Circle - Front without Bucketb191130 mmClearance Circle - Front without Bucketb191130 mmClearance Circle - Front without Bucketwa11519 mmClearance Circle - Rearwa11519 mmParformancewa112.60 km/hTravel speed (unladen)om12.60 km/hStandard tiresom012.60 km/hEngine Bandom100 k16.5 - 10 RPL h0Engine bandom4100 k96.20 k03 k16.5Engine bandom141400 k16.5Engine nordelom141400 k16.5Kartower / Engine totationom141500 km/hNet Powerom141500 km/hNet Net Que / Engine totationom141500 km/hNuck circue / Engine totationom141500 km/hNuck circue / Engine totationom141500 km/hNuck circue / Engine totationom12 V12 VAccessory plugom12 V12 VAccessory plugom100 A12 VAuxiliary Hydraulicsom310 Mit100 AAuxiliary Hydraulicsom20 Ti.40 / minAuxiliary Hydraulicsom20 Ti.40 / minAuxiliary Hydraulicsom313 mm²Circle Linkom313 mm²Ling Link Circle Linkom313 mm²Ling Link Circle Linkom313 mm²Link Chale Link Circle Link Ci	Overall length - Less Bucket	12	2425 mm
Clearance Circle - Rearb 191130 nmClearance Circle - Rearwa11519 nmPerformanceswa11519 nmTavel speed (unladen)I12.60 km/hTavel speed (unladen)I100 km/hWhelsI100 km/hStandard tiresI100 km/hEngine brandI100 km/hNet PowerI100 km/hNumber of cylindersI210 kWNumber of cylindersI100 km/hStardard flow - Auxiliary HydraulitisI120 kmMartand Stardard StardardI120 kmStardard flow - Auxiliary HydraulitisI120 kmAuxiliary Hydraulitis PressureI120 kmStardard flow - Auxiliary HydraulitisI120 kmFuel tankII120 kmHydraulic PressureI120 kmEngine Engine En	Departure angle	a2	19 °
Clearance Circle - Rearwa11519 mmPerformancesIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Clearance Radius - Front with Bucket	b18	1869 mm
PerformancesIntelligibilityTravel speed (unladen)12.60 km/hWhels102.16.5.10 RP.HDShandard tires100.16.5.10 RP.HDEngine band1Engine band1Engine band1Engine model1Gross Power1Rower Australt1Power Australt1Power Statuer / Engine notation1Nuthory Engine notation1Nuthory Engine notation1Nuthory Engine notation1Australt / Engine notation1Nuthory Engine notation1Stater3Nuthory Engine notation1Stater2Nuthory Engine notation1Stater2Nuthory Engine notation1Stater2Potention1Stater2Stater2Fuel huk2Stater2Fuel huk3 <td< td=""><td>Clearance Circle - Front without Bucket</td><td>b19</td><td>1130 mm</td></td<>	Clearance Circle - Front without Bucket	b19	1130 mm
Travel speed (unladen)12.60 km/hWheelsStandard tiresEngine bandEngine bandEngine modelEngine nomGross PowerNet PowerNet PowerMax. torque / Engine rotationPower sourceNumber of cylindersAccessory plugAccessory plugAtternation AngeneStandard flow - Auxiliary hydraulicsAuxiliary hydraulic PressureFurda KapacitiksFurda KapacitiksStandard flow - Auxiliary hydraulicsAuxiliary hydraulic PressureFurda KapacitiksFurda KapacitiksFurda KapacitiksFurda KapacitiksFurda KapacitiksFurda KapacitiksFurda KapacitiksFurda KapacitiksFurda KapacitiksFurda KapacitikaFurda KapacitikaHydraulic Oit Tank capacitiksFurda KapacitikaFurda KapacitikaHydraulic Oit Tank CapacitikaHydraulic Oit Tank Capacitika	Clearance Circle - Rear	wa1	1519 mm
WheleImage: standard tiresImage: standard tiresStandard tires10X 16.5 - 10 PR HDEngine10X 16.5 - 10 PR HDEngine brand10X 16.5 - 10 PR HDEngine model4 TANW98 ZNMS3R1Engine nord114Gross Pover52.10 kWNet Power52.10 kWNax. torque / Engine rotation114Power source2141 Nn / 2500 pmNumber of cylinders241 Nn / 2500 pmRatemy ot age12 VAccessor plug12 VAccessor plug100 AStarer31 WHydaulic100 AStandard flow - Auxiliary Hydaulics110 AAuxiliary Hydaulics21 Nn / 2500 pmTank capacities21 Nn / 2500 pmFuel tank61Hydaulic oil tank capacity100 AStandard flow - Auxiliary Hydaulics100 AHydaulic oil tank capacity21 Nn / 2500 pmLi Chain case41Li Chain case62.501Standard flow - Starity3319 mm <sup>2</sup>	Performances		
Standard tires10X 16.5 - 10 PR HDEngineIEngine bandIEngine modelIEngine modelIII dGross PowerIII dGross PowerIII dNet PowerIII dNutrogue / Engine notationIII dPower sourceIII dNumber of cylindersIII dBattery voltageIII dAtternator - AmpereIII dStandard flor - Auxiliary hydraulicsIII dAuxiliary Hydraulics PressureIII dAuxiliary Hydraulics PressureIII dFuel takIII dHydraulic oil tak capacityIII d	Travel speed (unladen)		12.60 km/h
EngineImage: Section of the section of th	Wheels		
Engine brandYanmarEngine model4TNV98-ZNMS3R1Engine norm4TNV98-ZNMS3R1Engine norm52.10 kWGross Power52.10 kWNet Power51.20 kWMax. torque / Engine rotation241 Nm / 2500 mg/Power source0Number of cylinders4Battery voltage4Accessory plug100 AStater100 AStater100 AStater100 AMultiary hydraulics100 AAuxiliary hydraulics100 AAuxiliary hydraulics100 AFuel tank6Hydraulic oil tank capacity6Displacement6LH Chain case6Stafer6Stafer100 AStafer100 A<	Standard tires		10X 16.5 - 10 PR HD
Engine model4TNV98-ZNMS3R1Engine normIT4Gross Power52.10 kWNet Power52.10 kWMax. torque / Engine rotation241 Nm / 2500 pmPower source4Number of cylinders4Battery voltage10Accessory plug12 VAltemator - Ampere12 VStarder flow - Auxillary hydraulice100 AYdraulize3 kWTak capacities20 Tr.40 l/minFuel tank capacity16Hydraulice of tank capacity11.60 lLi Chain case3319 mm³	Engine		
Engine normImage: state of the s	Engine brand		Yanmar
Gross Power   52.10 kW     Net Power   241 Nm / 2500 rpm     Power source   241 Nm / 2500 rpm     Number of cylinders   4     Battery voltage   4     Accessory plug   12 V     Accessory plug   100 A     Starter   3 kW     Hydraulics   3 kW     Standard flow - Auxiliary hydraulics   11.40 l/min     Auxilary Hydraulic Pressure   207 bar     Fuel tank   62.50 l     Hydraulic Oriester   41.60 l     Displacement   43.319 mm³     LH Chain case   8.50 l	Engine model		4TNV98-ZNMS3R1
Net Power11.0 kWMax. torque / Engine rotation241 Nm / 2500 rgmPower source0DieselNumber of cylinders44Battery voltage11Accessory plug11Attemator - Ampre11Starder33Hydraulics11Standard flow - Auxiliary hydraulics11Nurillay Hydraulic Pressure11Fue tank162.50 lHydrauli coit tank capacity43319 mm³LH Chain case8.50 l8.50 l	Engine norm		iT4
Max. torque / Engine rotation241 Nm / 2500 pmPower sourceImage: SourceImage: SourceImage: SourceNumber of cylindersImage: SourceImage: SourceImage: SourceBattery voltageImage: SourceImage: SourceImage: SourceAccessory plugImage: SourceImage: SourceImage: SourceAttemator - AmpereImage: SourceImage: SourceImage: SourceStaterImage: SourceImage: SourceImage: SourceHydraulicsImage: SourceImage: SourceImage: SourceStandard flow - Auxiliary hydraulicsImage: SourceImage: SourceImage: SourceAuxiliary Hydraulic PressureImage: SourceImage: SourceImage: SourceFuel tankImage: SourceImage: SourceImage: SourceHydraulic oil tank capacityImage: SourceImage: SourceImage: SourceDisplacementImage: SourceImage: SourceImage: SourceLH Chain caseImage: SourceImage: SourceImage: SourceImage: Source SourceImage: SourceImage: Source SourceImage: Source SourceImage: Source So	Gross Power		52.10 kW
Power sourceDieselNumber of cylinders4Battery voltage12 VAccessory plug12 VAltemator - Ampere100 AStarter3 kWHydraulics100Standard flow - Auxiliary hydraulics100Auxiliary Hydraulic Pressure207 barTank capacities207 barFuel tank6Hydraulic oil tank capacity41.60 lDisplacement13319 mm³LH Chain case8.50 l	Net Power		51.20 kW
Number of cylinders4Battery voltage12 VAccessory plug12 VAlternator - Ampere10 AStarter3 kWHydraulics100 AStandard flow - Auxiliary hydraulics10Auxiliary Hydraulic Pressure207 barTank capacities207 barFuel tank10Hydraulic oil tank capacity10Displacement10LH Chain case8.50 l	Max. torque / Engine rotation		241 Nm / 2500 rpm
Batery voltage (12 V Accessor plug (21 V) Alternator - Ampere (21 V) Starter (21 V) Hydraulics (21 M) Standard flow - Auxiliary hydraulics (21 M) Auxiliary Hydraulic Pressure (20 M) Tank capacities (21 M) Fuel tank (21 M) Fuel tank (21 M) Hydraulic oil tank capacity (21 M) Hydrau	Power source		Diesel
Accessor plug 12 V Accessor plug 12 V Alternator - Ampere 23 kW Hydraulics 24 207 bar Standard flow - Auxiliary hydraulics 24 207 bar 207 bar Tank capacities 207 bar Fuel tank 25 20 207 bar Fuel tank 25 20 207 bar Fuel tank 25 20 207 bar 10 207 bar 2007 b	Number of cylinders		4
Alternator Ampere 100 A   Starter 3 kW   Hydraulics 100 A   Standard flow - Auxiliary hydraulics 100 A   Auxiliary Hydraulic Pressure 207 bar   Tank capacities 100 A   Fuel tank 100 A   Hydraulic oil tank capacity 100 A   Displacement 41.60 1   LH Chain case 8.50 1	Battery voltage		12 V
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HydraulicsImage: Constraint of the second secon	Alternator - Ampere		100 A
Standard flow - Auxiliary hydraulics71.40 l/minAuxiliary Hydraulic Pressure207 barTank capacities62.50 lFuel tank62.50 lHydraulic oil tank capacity41.60 lDisplacement3319 mm³LH Chain case8.50 l	Starter		3 kW
Auxiliary Hydraulic Pressure207 barTank capacities62.50 lFuel tank62.50 lHydraulic oil tank capacity41.60 lDisplacement3319 mm³LH Chain case8.50 l	Hydraulics		
Tank capacities Evel tank   Fuel tank 62.50 l   Hydraulic oil tank capacity 41.60 l   Displacement 3319 mm <sup>3</sup> LH Chain case 8.50 l	Standard flow - Auxiliary hydraulics		71.40 l/min
Fuel tank62.50 IHydraulic oil tank capacity41.60 IDisplacement3319 mm³LH Chain case8.50 I	Auxiliary Hydraulic Pressure		207 bar
Hydraulic oil tank capacity41.60 lDisplacement3319 mm³LH Chain case8.50 l	Tank capacities		
Displacement 3319 mm <sup>3</sup> LH Chain case 8.50 l	Fuel tank		62.50 I
LH Chain case 8.50 I	Hydraulic oil tank capacity		41.60 l
	Displacement		3319 mm <sup>3</sup>
RH Chain case 8.50 l	LH Chain case		8.50 I
	RH Chain case		8.50 I

## 1800R - Dimensional drawing









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