Technical sheet :

MTA 10044 SERIES IV

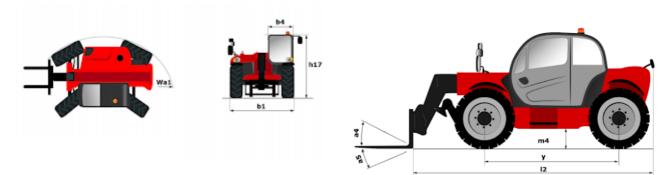




MTA 10044 SERIES IV Created on July 3, 2025 at 10:47 PM UTC

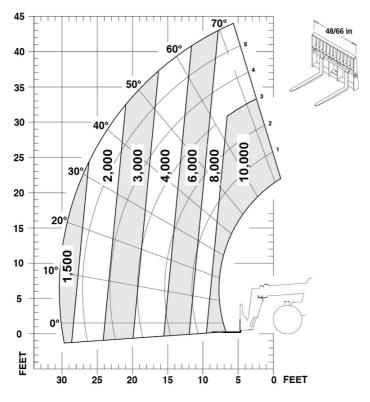
CapacityImage of the second of th		
Maximum outward44 ftWeight addimension6164 ftWeight addimension6162 ftWeight addimension6162 ftOverall bright6187 ftOverall bright7018 ftWeight addimension7018 ftOverall bright7018 ftOverall bright7018 ftOverall bright7018 ftOverall bright7018 ftOverall bright7018 ftOverall bright6433 inOverall bright6433 inOverall bright6433 inOverall bright65118 ftOverall bright65118 ftOverall bright65118 ftOverall bright65118 ftOverall bright7118 ftOverall bright7<	Capacities	Imperial
Maximum calibrationImage: static	Max. capacity	
Weydd attensionIII20HOreall lengh for attingIII20HOreall hugin (Michard)III20HOreall hugin (Michard)III20HOreall hugin (Michard)III20HOreall changeIII20HOreall changeIII20HOreall changeIIII20HOreall changeIIIII20HOreall changeIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Max. lifting height	44 ft
Oreal sight ocanage11120 ftOreal sight ocanage101814 sinOreal sight phight101814 sinWheabse101101101Wheabse104101101Oreal sight phight104101101Oreal sight phight phight101101101Oreal sight phight ph	Maximum outreach	30 ft 6 in
Oreal baig methodB1B1 fild inNoreal baig107711 in onWeekbaay1014 inSound cleannee4413 anOreal cak with4413 anThey angle4412 'They angle4412 'They angle4412 'Underweigt (with fash)4412 'Sended leining and4412 'Underweigt (with fash)5511 'Sended leining and4413 'Sende leining and4414 'Sende leining and4414 'Sende leining and4414 'Sende leining and44<	Weight and dimensions	
OwerlandsY7,111 inWerlandsY10.14 foOround cleanancem416.8 inOround cleanancem43.0 inOround cleanancem43.0 inOround cleanancem43.0 inOround cleanancem43.0 inOround cleanancem43.0 inDiround pressm43.0 inTindown anglem43.0 inExtenal turing radiusM33.0 inUnders weight (with fock)m42.5300 inStandard Kiesm52.5300 inPreme leveling conductional -/-m5Frame leveling conductional -/-m5Frame leveling conductional -/-m6Oround cleanancem6Oround cleanancem6 <td>Overall length to carriage</td> <td>l11 20 ft</td>	Overall length to carriage	l11 20 ft
Weekbasy1014 kinOreal cabuditbd33 inOreal cabuditbd33 inDickow anglead12 'Inchow anglead13 'Dickow angle (with fack)with advance (with fack)2'Sandad tissad13 'Fane leveling (with fack)'2'Danke with (with fack)a'14 × 24 ·Fane leveling (with fack)a'14 × 24 ·Fane leveling (with fack)a'10 'Fane leveling (with fack)a'10 'Fane leveling (with fack)a'10 'Entereling (with fack)a'10 '<	Overall width	b1 8 ft 4 in
Geode clanancem418 mOrealit clanance1433 mOrealit clanance4412 °Tindou nagle43112 °Enteral tuming natiosW331111 1mUnatas wajch (with foks)W331111 1mUnatas wajch (with foks)W331111 1mStandard tier100 °12 %Frame leveling tompturela 1-/-100 °100 °Frame leveling tom	Overall height	h17 7 ft 11 in
Orealization4433 inTitle anglea5112 'Title anglea5112 'Statent stuning ratiuswa313 ft till inUnderweight (wfick)	Wheelbase	y 10 ft 4 in
Thisgospie4411'Thickown angie33112'Etheral kuning adusW331312'111Unisden weght (win (rks)32500 lb25500 lbStandard kire10'14.2 24Frame leveling (ongludinal 4/-10'10'Frame leveling (ongludinal 4/-9910'Prindenezeng concretor9910'10'Prindenezeng concretor9910'10'Retaction concretor10'11'12'Cowd11'12'11'12'Cowd11'12'12'12'Cowd11'12'12'12'Cowd11'12'12'12'Cowd11'12'12'12'Cowd11'12'12'12'Engline hord11'12'12'12'Engline hord11'12'12'12'Engline hord11'11'12'12'Engline hord11'11'12'12'Engline hord11'11'12'12'Engline hord11'11'11'12'12'Engline hord11'11'11'12'12'Engline hord11'11'12'12'12'Engline hord11'11'12'11'12'12'Engline hord11'11'11'12'11'12'11'Engline hord11'11'11' <t< td=""><td>Ground clearance</td><td>m4 18 in</td></t<>	Ground clearance	m4 18 in
Titkow agie45112 'Extend uping dubaWas13 ft11 inUnder weight (with fick)25300 ibStandar ties10 'Fame leveling longbufulal 4/10 'Fame leveling concorea9Parkanne10 'Change method is point and	Overall cab width	b4 33 in
Extending radueWe3111 inUniden weight (with forks)2500 lbStandard tires2500 lbStandard tires10 *Frame leveling longitudinal /-10 *Enseleveling longitudinal /-3 *Enseleveling longitudinal /-10 *	Tilt-up angle	a4 12 °
Unide weight (with roks)() <td>Tilt-down angle</td> <td>a5 112 °</td>	Tilt-down angle	a5 112 °
Sandarius14 × 24Fame leveling long/ubulal +/.10 °Fame leveling long/ubulal +/.10 °Fame leveling long/ubulal +/.10 °Partomase10Lifting10Lifting10Loweing10 °Loweing10 °Extension10 °Retaction C.10 °Cowd10 °Bong10 °Cowd10 °Cowd10 °Cowd10 °Comd10 °Engles band10 °Engles band10 °Engles band10 °Lowerating - Power10 °Lowerating - Power10 °Lowerating - Power10 °Lowerating - Powerating - Powerating - Power10 °Number of genderond / reviews)10 °Numb	External turning radius	Wa3 13 ft 11 in
Frame leveling conjudicial 4/-al10 °Frame leveling correctoral0 °Performanceal0Lifting10 °10 °Lovering10 °10 °Extension10 °10 °Retraction10 °10 °Cowd10 °10 °Engine brand10 °10 °Engine brand10 °10 °Engine brand10 °10 °Engine prover fating - Power10 °10 °Inter Statistic10 °10 °Number of cylinders / Capacity of cylinders10 °10 °Engine prover fating - Power10 °10 °Number of cylinders / Capacity of cylinders10 °10 ° <tr<< td=""><td>Unladen weight (with forks)</td><td>25300 lb</td></tr<<>	Unladen weight (with forks)	25300 lb
Fame leveling correctora910 °Prior meteor00Prior meteor00Liversion00Retraction00Retraction00Cowd00Dump000Engine hord000Engine hord000Engine hord000Engine hord000Engine hord000Engine hord000Engine hord000Engine hord000Unther of yildings000Engine hord000Engine hord0 <t< td=""><td>Standard tires</td><td>14 x 24</td></t<>	Standard tires	14 x 24
PerformancesInitial sector of the	Frame leveling longitudinal +/-	10 °
Lifting15 sLoweing10 sExtension10 sRetraction12 sCowd12 sCowd6 sDump10 sEngine hand10 sEngine hand10 sLoweir dig layer dig laye	Frame leveling corrector	a9 10 °
Lovering10 sExtension10 sExtension12 sCived3 sDump3 sEngine10 sEngine band10 sEngine nord10 sCived of cylinders / Capacity of cylinders10 sCite Affinia10 sCite Affinia10 sCite Affinia10 sAt a cogne10 sAt a cogne10 sMaxer targe - Section of cylinders10 sCite Affinia10 sAt a cogne3 sAt a cogne10 sAt a cogne10 sAt a cogne10 sAt a cogne10 sMaxer targe - Section of cylinders / Capacity of cylinders10 sName of gas (forward / revers)10 sMaxer targe afficient of cylinders10 sName of gas (forward / revers)10 sName of gas (forward / revers)10 sSection bake10 sAt a cogne10 sAt a co	Performances	
ExtensionImage: set of the set	Lifting	15 s
Rescion12 sCrowd6 sDunp6 sEngine6 sEngine hand6 sEngine hand6 sEngine norm7 sEngine norm1 sCharlen Status1 sEngine norm1 sStatus1 s	Lowering	10 s
Crowd6 sDump3 sEngine3 sEngine band0Engine nomTite 4 finalEngine nom10 0 36.14Number of cylinders / Capacity of cylinders4 4 0.23 in ³ LC. Engine power atting - Power3 st 4 1/0 30Number of cylinders / Capacity of cylinders3 st 4 1/0 30Number of ges (forward / reverse)3 st 4 1/0 30Number of ges (forward / reverse)3 st 4 1/0 30Number of ges (forward / reverse)4 1 3Service bank10 20 mphParkling bank10 20 mphParkling bank10 20 mphParkling bank10 20 mphParkling bank10 3 st 400Service bank10 3 st 400Autorator10 3 st 400Parkling bank10 3 st 400Autorator10 3 st 400Parkling bank10 3 st 400Autorator10 3 st 400Autorator10 3 st 400Parkling bank10 3 st 400Autorator10 3 st 400Hydraulic forw / Pessare10 3 st 400Hydraulic forw / Pessare4 10 3 galHydraulic ford / Pessare4 10 3 galHydraulic ford / Pess4 10 3 galHydraulic ford / Pess4 10 3 galHydraulic ford / Pess <t< td=""><td>Extension</td><td>15 s</td></t<>	Extension	15 s
Dump3 sEngineImage: Section of the section o	Retraction	12 s
Engine bandImage: stand DeutzEngine nomTier 4 final Tier 4 finalEngine nomdTier 4 finalEngine nodelTOD 3.6 L4Number of cylinders / Capacity of cylinders4 · 0.23 in²LC. Engine power tating - Power119.35 hp / 89 kWMax. torque354 ft/bsTransmission type100Number of gears (forward / reverse)100Number of gears (forward / reverse)100Number of gears (forward / reverse)4 / 3Nax. travel gears (forward / reverse)4 / 3Service bake100Atk Manufacturer100Hydraulic spring release SAHR100Service bake110.5 spring release SAHRHydraulic pump type110.5 spring release SAHRHydraulic pump type110.5 spring release SAHRHydraulic pump type110.5 spring release SAHRHydraulic forw / Pressure110.5 spring release SAHREngine oil110.5 spring release SAHRHydraulic forw / Pressure110.5 spring release SAHREngine oil110.5 spring release SAHRHydraulic forw / Pressure110.5 spring release SAHREngine oil110.5 spring release SAHRHydraulic forw / Pressure110.5 spring release SAHREngine oil110.5 spring release SAHRHydraulic forw / Pressure110.5 spring release SAHREngine oil110.5 spring release SAHRHydraulic forw / Pressure110.5 spring release SAHREngine oil110.5 spring release SAHRHydraulic forw / Pressure<	Crowd	6 s
Engine band Deut: Engine nom Tref A final Engine model Tice 3.6 L4 Number of glinders / Capacity of cylinders - 4.023 in ² LC. Engine power rating - Power - 4.023 in ² LC. Engine power rating - Power - 4.023 in ² Transmission type - 354 tr//bs Transmission type - 000000000000000000000000000000000000	Dump	3 s
Engine band Deut: Engine nom Tier 4 final Engine model Tier 4 final Sender / Capacity of cylinders 4.023 in 2 LC. Engine power rating - Power 4.023 in 2 LC. Engine power rating - Power 119.35 Hp / 89 kW Max. trave 354 ft/lbs Transmission type Torque conveter with powershift geabox Number of geas (foward / reverse) Torque conveter with powershift geabox Number of geas (foward / reverse) Torque conveter with powershift geabox Parking back 20 mph Service back Wet disc brakes Axte Manufacturer Dana Hydraulic pump type Gear pump Hydraulic pump type 4 US gal Hydraulic fun / Pressure 4 US gal Engine oli 4 US gal Hydraulic fun / Pressure 4 US gal Engine oli 4 US gal Bisel Exhaust fluid (AdBlueð type) 4 US gal Diesel Exhaust fluid (AdBlueð type)	Engine	
Engine modelTCD 3.6 L4Number of cylinders / Capacity of cylinders- 4.0.23 in²LC. Engine power rating - Power- 10.23 in²Max. torque- 354 ft/lbsTansmission- 354 ft/lbsTansmission type- 4 / 3Number of gears (forward / reverse)- 4 / 3Max. travel speed- 20 mphParking back- 100 mphService brake- 100 mphAydaulic spring release SAHR- 100 mphHydraulic four prelease SAHR- 100 mphHydraulic four pressure- 100 mphHydraulic four / Pressure- 100 mphHydraulic fue prepspective- 41 US gmr 3002 PSITark capacities- 41 US gmr 3002 PSIFue tank- 45 US galHydraulic four / reasure- 41 US gmr 3002 PSIFue tank- 47 US galHydraulic four / reasure- 41 US gmr 3002 PSIFue tank- 47 US galHydraulic four / reas- 47 US galFue tank- 47 US galFue tank- 2 / 2Drive wheels (front / reas)- 2 / 2Cab certification- 2 / 2Rotepspectification- 2 / 2	Engine brand	Deutz
Number of cylinders / Capacity of cylinders 4 - 0.23 in ³ LC. Engine power rating - Power 119.35 Hp / 89 kW Max. torque 354 fr/lbs Transmission 0 Transmission type 10 Number of gears (forward / reverse) 4 / 3 Max. twel speed 20 mph Parking brake Hydraulic spring release SAHR Service brake Wet disc brakes At/ Maufacturer Dana Hydraulic pump type 6 Gear pump Hydraulic pump type 6 Gear pump Hydraulic four / reasure 41 US gm Tank capacities 41 US gm Fingle oil 4 US gal Hydraulic oil Gear pump Finde oil 4 US gal Hydraulic oil 11 US gm Diesel Exhaust fluid (AdBlue@ type) 4 J US gal Fue tank 47 US gal Max capacities 2 / 2 Diesel Exhaust fluid (AdBlue@ type) 2 / 2 Fue tank 2 / 2 Max capacities font / rea) 2 / 2 Gea centification 8 Mage	Engine norm	Tier 4 final
LC. Engine power rating - Power 119.35 Hp / 89 kW Max. torque 354 ft/lbs Transmission 109.35 Hp / 89 kW Transmission type Torque converter with powershift geabox Number of gears (forward / reverse) 4 / 3 Max. travel speed 20 mph Parking brake Hydraulic spring release SAHR Service brake Wet disc brakes Axle Manufacturer Dana Hydraulic flow / Pressure 66 ear pump Hydraulic flow / Pressure 41 US gpm-3002 PSI Engine oil 41 US gal Hydraulic oil 45 US gal Diesel Exhaust fluid (AdBlue@ type) 45 US gal Fue tank 47 US gal Miscellaneous 21 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 /	Engine model	TCD 3.6 L4
Max. torque354 ft/lbsTransilisionImage: Stat Stat Stat Stat Stat Stat Stat Sta	Number of cylinders / Capacity of cylinders	4 - 0.23 in³
Transmission Image: speed Torque converter with powershift gearbox Number of gears (forward / reverse) 4 / 3 Max. travel speed 20 mph Parking brake 10 mgh Service brake Wet disc brakes Axle Manufacturer Dana Hydraulic flow / Pressure 0 Hydraulic flow / Pressure 6 Tank capacities 41 US ggm-3002 PSI Hydraulic flow / Pressure 41 US ggl Hydraulic i oil 4 US gal Hydraulic oil 4 US gal Fuel tank 47 US gal Hidsellaneous 47 US gal Steering wheels (front / rea) 2 / 2 Driw wheels (front / rea) 2 / 2 Cab certification 2 / 2	I.C. Engine power rating - Power	119.35 Hp / 89 kW
Transmission typeTorque converter with powershift gearboxNumber of gears (forward / reverse)4 / 3Max. travel speed20 mphParking brakeHydraulic spring release SAHRService brakeWet disc brakesAxle ManufacturerDanaHydraulic spring release SAHRDanaHydraulic spring release SAHRMet disc brakesAxle ManufacturerGear pumpHydraulic flow / Pressure41 US gpm 3002 PSITank capacities41 US gpm 3002 PSIEngine oil41 US gplHydraulic oil41 US galUrid auffic dif5 US galFuel tank47 US galMiscellaneous47 US galSterring Meels (front / rear)2 / 2Drive wheels (front / rear)2 / 2Cab certificationS / 2 / 2Cab certificationS / 2 / 2	Max. torque	354 ft/lbs
Number of gears (forward / reverse)4 / 3Max. travel speed20 mphParking brakeHydraulic spring release SAHRService brakeWet disc brakesAxle ManufacturerDanaHydraulic spring release SAHRDanaHydraulic spring release SAHRComponentHydraulic spring release SAHRComponentHydraulic spring release SAHRDanaHydraulic spring release SAHRComponentHydraulic spring release SAHRSet Supprison SantaHydraulic spring release SAHRSet Supprison SantaHisedlaneousSupprison SantaStering wheels (front / rear)2 / 2Cab certificationSupprison SantaCab certificationSupprison SantaHydraulic spring release Santa2 / 2Hydraulic sprin	Transmission	
Number of gears (forward / reverse)4 / 3Max. travel speed20 mphParking brakeHydraulic spring release SAHRService brakeWet disc brakesAxle ManufacturerDanaHydraulic spring release SAHRDanaHydraulic spring release SAHRComponentHydraulic spring release SAHRComponentHydraulic spring release SAHRDanaHydraulic spring release SAHRComponentHydraulic spring release SAHRSet Supprison SantaHydraulic spring release SAHRSet Supprison SantaHisedlaneousSupprison SantaStering wheels (front / rear)2 / 2Cab certificationSupprison SantaCab certificationSupprison SantaHydraulic spring release Santa2 / 2Hydraulic sprin	Transmission type	Torque converter with powershift gearbox
Max. tavel speed20 mphParking brakeHydraulic spring release SAHRService brakeMet disc brakesAxle ManufacturerDanaHydraulicsToHydraulic pump typeGeer pumpHydraulic flow / PressureGeer pumpTark capacitiesMet disc gramsHydraulic oilMet disc brakesHydraulic oilSu S galDiesel Exhaus fluid (AdBlue@type)Su S galFuel tankMet disc brakesSteering wheels (front / rear)Met discDive wheels (front / rear)Z 2 / 2Cab certificationSu S 2 / 2Cab certificationSu S 2 / 2Nordel StefendZ 2 / 2Stefend Stefend		
Service brakeWet disc brakesAxle ManufacturerDanaHydraulicsImage: Composition of the sume of the sum		20 mph
Service brakeWet disc brakesAxle ManufacturerDanaHydraulicsImage: Composition of the sume of the sum	Parking brake	Hydraulic spring release SAHR
HydraulicsImage: Constraint of the systemHydraulic pump typeGear pumpHydraulic flow / Pressure41 US gpm-3002 PSITank capacitiesImage: Constraint of the systemEngine oil4 US galHydraulic oil45 US galDiesel Exhaust fluid (AdBlue® type)1mage: Constraint of the systemFuel tank47 US galMiscellaneous47 US galSteering wheels (front / rear)2 / 2Cab certification1mage: Constraint of the systemCab certification1mage: Constraint of the system		
Hydraulic pump typeGear pumpHydraulic flow / Pressure41 US gpm-3002 PSITank capacities2Engine oil4 US galHydraulic oil45 US galDiesel Exhaust fluid (AdBlue® type)5Fue tank47 US galMiscellaneous47 US galSteering wheels (front / rear)2Drive wheels (front / rear)2 / 2Cab certification5ROPS/FOPS2 / 2	Axle Manufacturer	Dana
Hydraulic pump typeGear pumpHydraulic flow / Pressure41 US gpm-3002 PSITank capacities2Engine oil4 US galHydraulic oil45 US galDiesel Exhaust fluid (AdBlue® type)5Fue tank47 US galMiscellaneous47 US galSteering wheels (front / rear)2Drive wheels (front / rear)2 / 2Cab certification5ROPS/FOPS2 / 2		
Hydraulic flow / Pressure41 US gpm-3002 PSITank capacitiesEngine oilHydraulic oilDiesel Exhaust fluid (AdBlue® type)Fuel tankMiscellaneousSteering wheels (front / rear)Drive wheels (front / rear)Cab certificationROPS/FOPS		Gear pump
Tank capacitiesImage: Constraint of the section of the s		
Engine oil4 US galHydraulic oil45 US galDiesel Exhaust fluid (AdBlue® type)5 US galFuel tank47 US galMiscellaneous47 US galSteering wheels (front / rear)2 / 2Drive wheels (front / rear)2 / 2Cab certificationROPS/FOPS		
Hydraulic oil 45 US gal Diesel Exhaust fluid (AdBlue® type) 5 US gal Fuel tank 47 US gal Miscellaneous 2 Steering wheels (front / rear) 2 / 2 Drive wheels (front / rear) 2 / 2 Cab certification ROPS/FOPS		4 US gal
Diesel Exhaust fluid (AdBlue® type) 5 US gal Fuel tank 47 US gal Miscellaneous 0 Steering wheels (front / rear) 2 / 2 Drive wheels (front / rear) 2 / 2 Cab certification 6	-	
Fuel tank 47 US gal Miscellaneous 2 / 2 Steering wheels (front / rear) 2 / 2 Drive wheels (front / rear) 2 / 2 Cab certification ROPS/FOPS		
Miscellaneous Contraction Steering wheels (front / rear) 2 / 2 Drive wheels (front / rear) 2 / 2 Cab certification ROPS/FOPS		
Steering wheels (front / rear) 2 / 2 Drive wheels (front / rear) 2 / 2 Cab certification ROPS/FOPS		
Drive wheels (front / rear) 2 / 2 Cab certification ROPS/FOPS		2/2
Cab certification ROPS/FOPS		

MTA 10044 Series IV - Dimensional drawing



MTA 10044 Series IV - Load chart

Machine on tires with forks Imperial





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