Technical sheet :

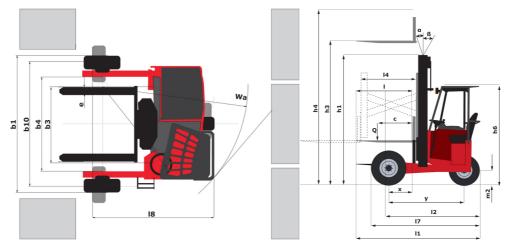
TMM 20 4W ST5





Technol characteristics 1.1 Manufacturer 1.2 Model Name 1.3. Power source 1.4 Operator type 1.5 Max. capacity 1.6 Load center of gravity 2.1 Statusce, cente of dive axle to fork. 3.8 Load center of gravity 2.1 Statusce, cente of dive axle to fork. 2.1 Weight on front axle (laden) / year axle (laden) 2.2 Weight on front axle (laden) / year axle (laden) 2.3 Starkce weight 2.4 Weight on front axle (laden) / year axle (laden) 2.3 Dimensions of front wheels 3.4 Dimensions of front wheels 3.5 Number of front wheels 3.6 Front wheels (rear wheels 3.7 Height of overhead guad (cabin) 4.7 Height of overhead guad (cabin) 4.2 Fork caranage Woll 2322 (class//cm) A/B			TMM 20 4W ST
1.2 Model Name 1.2.1 Reach out equipment 1.3 Operator type 1.4 Operator type 0 0 1.5 Max. capacity 0 0 0 0 1.6 Load distance, centre of five axle to fork x 1.9 Wheelbase y Weight on front axle (laden) / rear axle (laden) x 2.1 Service weight 0 2.2 Weight on front axle (laden) / rear axle (laden) x 3.3 Dimensions of front wheels 0 3.4 Tires type 0 0 Dimensions of front wheels 0 3.5.2 Dimensions of front wheels 0 3.5.4 Front wheel gauge 0 0 Dimensions 10 1.4 Downall ength 11 4.21 Devala length 11 4.22 Fork cantage with 11 4.23 Fork cantage iSO 2328 (class/form A/B 14 4.24 Fork cantage iSO 2328 (class/form A/B 14 4.25		Technical characteristics	
1.2.1 Resch out equipment 1.3 Power source 1.4 Operator type 1.5 Max. capacity Q 1.6 Load center of gravity c 1.8 Load distance, centre of drive axle to fork x 1.9 Wheelbase y 2.1 Service weight g 2.2 Weight on front axle (iden) / rear axle (laden) g 2.3 Weight on front axle (ubladen) / rear axle (ubladen) g 3.1 Tires type g 3.2 Dimensions of front wheels g 3.3 Dimensions of area wheels g 3.4 Dimensions of area wheels g 4.7 Height of one-fraid guard (cabin) h6 4.8 Seate height/stand height h7 4.7 Height of one-fraid guard (cabin) h6 4.8 Seate ingl/ Viand height h7 4.7 Height of one-fraid guard (cabin) h6 4.8 Seate ingl/ Viand height h7 4.7 Height of one-fraid guard (cabin) h6 4.8 Seatening (1.1	Manufacturer	
1.3 Power source 1.4 Operator type 1.5 Max. capacity Q 1.6 Load center of gravity c 1.8 Load distance, enter of dive axle to fork. x 1.9 Wheelbase y Weight on front axle (laden) / rear axle (laden) y 2.1 Service weight	1.2	Model Name	
1.4 Operator type 1.5 Max. capacity 1.6 Load center of gavity 1.8 Load distance, cente of dive axle to fork 1.9 Weeghase 2.1 Sancke weight 2.2 Weight on front axle (Loden) / rear axle (Loden) 2.3 Weight on front axle (Unladen) / rear axle (Unladen) 4 Weight on front axle (Unladen) / rear axle (Loden) 2.3 Weight on front axle (Unladen) / rear axle (Loden) 3.1 Tires type 3.2 Dimensions of front wheels 3.3 Dimensions of area wheels 3.4.7 Height of orent wheels 3.5 Number of front wheels / rear wheels 3.6 Front wheel gauge 10 Dimensions of rear wheels 3.5 Number of front wheels / rear wheels 3.6 Front wheel gauge 11 Direations 4.7 Height of orent-adguad (cabin) 4.8 Sea theight/vistand height 1.4 h2 2.4 Porks section / width / length 4.2.1 Overall width 4.2.2 Fork cantage width 4.2.3 Distance between support ams 4.2.4 Boitance between support ams 4.2.5 Distance	1.2.1	Reach out equipment	
1.5 Max. capacity Q 1.6 Load center of gravity c 1.8 Load distance, centre of dive axle to fork x 1.9 Wheelbase y 2.1 Service, weight y 2.2 Weight on front axle (laden) / rear axle (luidaen) y 2.3 Weight on front axle (luidaen) / rear axle (luidaen) y 3.4 Wineds y 3.5 Number of front wheel's y 3.5 Number of front wheel's y 3.5.2 Dire wheels (loan) / rear axle (luidaen) h 4.7 Height of overhead guard (leabin) h 6 Dimensions of rear wheels h 3.5.2 Dire wheels (leabin) h 4.7 Height of overhead guard (leabin) h 6 Font wheel guage h 7 Height of overhead guard (leabin) h 4.8 Sart height/stand height h 11 11 h h 4.2 Deck carriage (load // m)/ Height h 4.2 Fork carriage width / length h 4.2 Fork carriage width / length h 4.2 Fork carriage width / length h 4.24 <t< td=""><td>1.3</td><td>Power source</td><td></td></t<>	1.3	Power source	
1.6 Load center of gravity c 1.8 Load distance, center of dive axle to fork x 1.9 Wincibase y 2.1 Service weight y 2.2 Weight on front axle (laden) / rear axle (laden) y 2.3 Weight on front axle (laden) / rear axle (laden) y 3.1 Tires type y 3.3 Dimensions of front wheels y 3.4 Tires type y 3.5 Number of front wheels / rear wheels y 3.5. Number of tront wheels / rear wheels y 3.6 Front wheel gauge b10 10 Dimensions h6 4.8 Seat height of orent and (cabin) h6 4.8 Seat height of orent and (cabin) h6 4.8 Seat height of orent and (cabin) h6 4.8 Seat height or orent and (cabin) b10 4.7 Height of orent and (cabin) b10 4.8 Seat height orent and (cabin) b10 4.2 Fork camage 180 2228 (class/form) A/B b2 4.2.1 Our and (cab	1.4	Operator type	
1.8 Load distance, centre of drive axle to fork x 1.9 Wielpht 2.1 Service weight 2.2 Weight on front axle (laden) / rear axle (laden) 2.3 Weight on front axle (laden) / rear axle (laden) 2.3 Weight on front axle (laden) / rear axle (laden) 3.3 Dimensions of front wheels 3.3 Dimensions of front wheels 3.5 Number of front wheels 3.5.2 Dire wheels (front / rear) 3.5 Font wheel gauge 0 Omensions 4.7 Height of overhead guard (cabin) 4.8 Sea theight stand height 1.1 Overall length 1.1 Diverallength 4.21 Overall width 9 Distance between support arms 10 Distance between support arms 11 Sea theight stand height surfaces 4.22 Fork carriage IO 2228 (class from) A/B 4.23 Ground clearance at center of wheelsase 14 Sea theight stand height surfaces 4.24 Fork carriage IO 2228 (class from) A/B 4.25 Distance between wheel arms/loading surfaces 4.26 Distance between weight arms 5.1 Traweight speed (laden / uniaden) <t< td=""><td>1.5</td><td>Max. capacity</td><td>Q</td></t<>	1.5	Max. capacity	Q
1.8 Load distance, centre of drive axle to fork x 1.9 Wheelbase y 2.1 Service weight y 2.2 Weight on front axle (laden) / rear axle (laden) y 2.3 Weight on front axle (laden) / rear axle (laden) y 2.3 Weight on front axle (laden) / rear axle (laden) y 3.1 Tires type y 3.2 Dimensions of front wheels y 3.3 Dimensions of rear wheels y 3.5 Number of front wheels / rear wheels y 3.5.2 Drive wheels (front / rear) b10 4.7 Height of overhead guard (cabin) h6 4.8 Seat height 30 2228 (class/form) A/8 s / e / 1 4.21 Overall width b1 4.22 Fork carriage ISO 2228 (class/form) A/8 b4 4.25 Distance between wheel ams/loading surfaces b4 4.26 Distance between wheel ams/loading surfaces b4 4.34 Alse width for 800 x 1200 pallet lengthways Ast 4.35 Turning radius b2 5.31 Travel speed (laden / unladen) s 5.32 Lowing speed (laden / unladen) s 5.33 Loweing speed (laden / unladen)	1.6	Load center of gravity	С
Wiejhit	1.8		x
Wiejht	1.9		v
2.1 Service weight 2.2 Weight on front axle (laden) / rear axle (ulnaden) 2.3 Weight on front axle (Uniaden) / rear axle (Ulnaden) 3.1 Trise type 3.2 Dimensions of front wheels 3.3 Dimensions of rear wheels 3.5 Number of front wheels / rear wheels 3.5.2 Drive wheels (front / reag) 3.6 Front wheel gauge b10 Dimensions b10 Dimensions b10 Dimensions b10 Overall width b1 4.7 Height of orefhead guard (cabin) 5.8 Device wheel gauge b10 0 Overall width b1 4.21 Overall width b1 4.22 Fock section / width / length b3 4.24 Fock cariage is 02328 (class/form) A/B b4 4.25 Distance between support ams b4 4.26 Distance between support ams b4 4.28 Maximum bnizzontal extension at CDG 600 14 4.32 Ground clearance at center of wheelbase m2 4.34 <td></td> <td>Weight</td> <td></td>		Weight	
2.2 Weight on front axle (laden) / rear axle (laden) 2.3 Weight on front axle (laden) / rear axle (laden) 3.1 Tires type 3.2 Dimensions of front wheels 3.3 Dimensions of rear wheels 3.5 Number of front wheels / rear wheels 3.5.2 Drive wheels (front / rea) 3.6 Front wheel guage 0 Dimensions 4.7 Height of orenhead guard (cabin) 4.8 Scat height/stand height 1.1 1 4.21 Overall width 4.22 Fork section / width / length 4.23 Fork carriage sidth 4.24 Fork carriage sidth 4.25 Distance between support arms 4.26 Distance between support arms 4.28 Maximum horizontel extension at COG 600 4.34 Aise width for 800 x 1200 pailet lengthways 4.35 Turning radius 84 Aise 85 Nominal pulling force (laden / unladen) 5.10 Service brake 5.2 Lifting speed (laden / unladen) 5.31 Carelarion ti	2.1		
2.3 Weight on front axle (Unladen) / rear axle (Unladen) Weight on front axle (Unladen) / rear axle (Unladen) 3.1 Tites type 3.2 Dimensions of front wheels 3.3 Dimensions of rear wheels 3.5 Number of front wheels / rear wheels 3.5.2 Drive wheels (front / rear) 3.6 Front wheel gauge 0 Dimensions 4.7 Height of overhead guard (cabin) 4.8 Seat height/stand height 7.1 Height of overhead guard (cabin) 4.2 Fork section / width / length 4.2 Fork carrage is 02 328 (class/form) A/B 4.24 Fork carrage width 4.25 Distance between support arms 4.26 Distance between wheel arms/loading surfacces 4.28 Maximum horizontal extension at COG 600 4.3 A isle width or 800 x 1200 pallet lengthways 4.35 Turning radius Wait Performances 5.1 Travel speed (laden / unladen) 5.2 Lifting speed (laden / unladen) 5.3 Lowering speed (laden / unladen) 5.3 Lowering	2.2		
Wheels Image: Solution of the stress of		, . ,	
3.1 Tires type 3.2 Dimensions of front wheels 3.3 Dimensions of rear wheels 3.5.2 Drive wheels (front/rear) 3.6 Front wheel gauge Dimensions b10 4.7 Height of overhead gauge (cabin) 4.8 Seat height/stand height 4.7 Height of overhead gauge (cabin) 4.8 Seat height/stand height 1 1 4.21 Overall width 9 Verall width 4.23 Fork carriage ISO 2238 (class from) A/B 4.24 Fork carriage width 5.1 Distance between wheel arms/loading surfaces 4.26 Distance between wheel arms/loading surfaces 4.27 Asile width for 80 x 1200 pallet lengthways 4.28 Maximum horizontal extension at COC 600 14 4.32 Ground clearance at center of wheelbase 7.1 Travel speed (laden / unladen) 5.2 Lifting speed (laden / unladen) 5.3 Nominal pulling fore (claden) 5.4 Seate whith (laden / unladen) 5.7 Gradeability (laden /			
3.2 Dimensions of front wheels 3.3 Dimensions of rear wheels 3.5 Number of front wheels / rear wheels 3.5.2 Drive wheels (front / rear) 3.6 Font wheel gauge blinensions blinensions 1 Dimensions 1.7 Height of overhead guard (cabin) 4.8 Seat height/stand height 1.1 Overall length 4.2 Dork carriage ISO 2232 (class/form) A/B 4.2.2 Forks section / width / length 4.2.3 Fork carriage ISO 2232 (class/form) A/B 4.2.4 Fork carriage ISO 2232 (class/form) A/B 4.2.5 Distance between support arms b4 A24 fork carriage ISO 2232 (class/form) A/B 4.2.6 Distance between wheel arms/loading surfaces b4 A25 fortance at centre of wheelbase 4.3.4 Aisle width for 800 x 1200 pallet lengthways 4.3.4 Aisle width for 800 x 1200 pallet lengthways 5.1 Travel speed (laden / unladen) 5.2 Lifting speed (laden / unladen) 5.3 Lowering speed (laden / unladen)	3.1		
3.3 Dimensions of rear wheels 3.5 Number of front wheels / rear wheels 3.5.2 Drive wheels (front / rear) 3.6 Front wheel gauge Dimensions b10 4.7 Height of overhead guard (cabin) 4.8 Seat height/visand height 4.19 Overall length 11 b14 4.21 Overall width 4.22 Fork section / width / length 4.23 Fork carriage width 4.24 Fork carriage width 4.25 Distance between support arms 4.26 Distance between support arms 4.27 Gound clearance at centre of wheelbase 4.28 Maximum horizontal extension at COG 600 4.31 Turning radius Wa Performances 5.1 Travel speed (lader / unladen) 5.2 Lifting speed (lader / unladen) 5.3 Lowering speed (lader / unladen) 5.4 Forde base 5.9 Acceleration time (laden / anden) 5.1 Travel speed (lader / unladen) 5.2 Lifting speed (lader / unladen)			
3.5 Number of front wheels / tear wheels 3.5.2 Drive wheels (front / rear) 3.6 Front wheel gauge 4.7 Height of overhead guard (cabin) 4.8 Seat height/Stand height 4.7 Height of overhead guard (cabin) 4.8 Seat height/Stand height 0.41 Overall width 4.22 Forks section / width / length 4.23 Fork carriage ISO 2228 (class/form) A/B 4.24 Fork carriage ISO 2228 (class/form) A/B 4.25 Distance between support arms 4.26 Distance between support arms 4.27 Ground clearance at centre of wheelbase 4.28 Maximum Mozizontal extension at COG 600 14 432 Ground clearance at centre of wheelbase m2 4.34 Aisie width for 800 x 1200 pallet lengthways Ast 3.5 Turning raiduis Waia Performances Waia Waia 5.1 Travel speed (laden / unladen)			
3.5.2 Drive wheels (front / rear) b10 3.6 Front wheel gauge b10 0 Dimensions b10 4.7 Height of owehead quard (cabin) h6 4.8 Seat height/stand height h7 4.19 Overall width b1 4.21 Overall width b1 4.22 Fork sertiage 100 2328 (class/form) A/B b3 4.24 Fork carriage width b3 4.25 Distance between wheel arms/loading surfaces b4 4.26 Distance between wheel arms/loading surfaces b4 4.28 Maximum horizontal extension at COG 600 l4 4.32 Ground clearance at centre of wheelbase m2 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 4.35 Tuming radius Wa Performances m2 Ast 5.1 Travel speed (laden / unladen) 5.2 Lifting speed (laden / unladen) 5.3 Lowering speed (laden / unladen) 5.10 Service brake 5.9 Acc			
3.6 Front wheel gauge b10 Dimensions			
Dimensions4.7Height of overhead guard (cabin)h64.8Seat height/stand heighth74.19Overall length114.21Overall lengthb14.22Fork section / width / lengthb14.23Fork carriage Width / lengthb34.24Fork carriage widthb34.25Distance between support armsb44.26Distance between wheel arms/loading surfacesb44.28Maximum horizontal extension at COG 600144.32Ground clearance at centre of wheelbasem24.34Aisle width for 800 x 1200 pallet lengthwaysAst4.35Turning radiusWaPerformancesWa5.1Travel speed (laden / unladen)5.55.2Lifting speed (laden / unladen)5.105.3Lovering speed (laden / unladen)5.105.10Service brake5.95.11Travel speed (laden / unladen)5.115.10Service brake5.95.11Travel speed (laden / unladen)5.115.10Service brake5.95.11Transmission type17.2Engine17.3Ratel speed17.4Number of cylinders / Capacity of cylinders17.3Ratel speed18.1Type of drive control18.3Oil flow rate for attachments18.3Oil flow rate for attachments1			h10
4.7Height of overhead guard (cabin)h64.8Seat height/Stand heighth74.19Overall length114.21Overall widthb14.22Fork section / width / lengths / e / l4.23Fork carriage widthb34.24Fork carriage widthb44.25Distance between support amsb44.26Distance between wheel arms/loading surfacesb44.28Maximum horizontal extension at COG 600144.32Ground clearance at centre of wheelbasem24.34Aisle width for 800 x 1200 pallet lengthways4st4.35Lifting speed (laden / unladen)5.55.1Travel speed (laden / unladen)5.55.2Lifting speed (laden / unladen)5.55.10Service brake5.95.2Acceleration time (laden / unladen)5.55.11Transmission type5.57.2Engine power according to IS0 15857.37.4Number of cylinders / Capacity of cylinders5.37.3Rated speed7.47.4Number of cylinders / Capacity of cylinders5.38.3Oil flow rate for attachments5.38.3Oil flow rate for attachments5.5	0.0		510
4.8 Seat height/stand height h7 4.19 Overall length 11 4.21 Overall width b1 4.22 Forks section / width / length b1 4.23 Fork carriage ISO 2328 (class/form) A/B b3 4.24 Fork carriage width b3 4.25 Distance between support ams b4 4.26 Distance between wheel arms/loading surfaces b4 4.28 Maximum horizontal extension at COG 600 14 4.32 Ground clearance at centre of wheelbase m2 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 4.35 Tuming radius Wa Performances Wa 5.1 Travel speed (laden / unladen) 5.2 Lifting speed (laden / unladen) 5.3 Lowering speed (laden / unladen) 5.11 Transmission type 5.9 Acceleration time (laden / unladen) 5.11 Transmission type 5.9 Acceleration time (laden / unladen) 5.11 <	47		h6
4.19 Overall length I1 4.21 Overall width b1 4.22 Forks section / width / length s / e / 1 4.23 Fork carriage ISO 2328 (class/form) A/B b3 4.24 Fork carriage width b3 4.25 Distance between support arms b4 4.26 Distance between wheel arms/loading surfaces b4 4.28 Maximum horizontal extension at COG 600 14 4.32 Ground clearance at centre of wheelbase m2 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 4.35 Turning radius Wa Performances Wa Wa 5.1 Travel speed (laden / unladen) 5.2 Lifting speed (laden / unladen) 5.3 Lowering speed (laden / unladen) 5.10 Service brake 5.3 Lowering speed (laden / unladen) 5.11 Transmission type 7.1 Engine 7.2 Engine power according to IS0 1585 7.3 <			
4.21 Overall width b1 4.22 Forks section / width / length s / e / l 4.23 Fork carriage ISO 2328 (class/form) A/B b3 4.24 Fork carriage width b3 4.25 Distance between support arms b4 4.26 Distance between wheel arms/loading surfaces b4 4.28 Maximum horizontal extension at COG 600 14 4.32 Ground clearance at centre of wheelbase m2 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 4.35 Tuming radius Wa Performances Wa Wa 5.1 Travel speed (laden / unladen) 5.2 Lifting speed (laden / unladen) 5.3 Lowering speed (laden / unladen) 5.10 Service brake 5.9 Acceleration time (laden / unladen) 5.11 Transmission type Engine 7.1 Engine brand / norm 7.2 Engine brand / norm 7.3 R			
4.22 Forks section / width / length s / e / l 4.23 Fork carriage ISO 2328 (class/form) A/B 4.24 Fork carriage width b3 4.25 Distance between support arms b4 4.26 Distance between wheel arms/loading surfaces b4 4.26 Distance between wheel arms/loading surfaces m2 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 4.35 Tuming radius Wa Performances Wa Wa 5.1 Travel speed (laden / unladen) 5.2 Lifting speed (laden / unladen) 5.3 Lowering speed (laden / unladen) 5.10 Service brake 5.9 Acceleration time (laden / unladen) 5.11 Transmission type Engine 7.1 Engine brand / norm 7.2 Engine brand / norm 7.3 Rated speed 7.4 Number of cy			
4.23 Fork carriage ISO 2328 (class/form) A/B 4.24 Fork carriage width b3 4.25 Distance between support arms b4 4.26 Distance between wheel arms/loading surfaces b4 4.28 Maximum horizontal extension at COG 600 14 4.32 Ground clearance at centre of wheelbase m2 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 4.35 Turning radius Wa Performances Wa 5.1 Travel speed (laden / unladen) 5.2 Lifting speed (laden / unladen) 5.3 Lowering speed (laden / unladen) 5.4 Service brake 5.9 Acceleration time (laden / unladen) 5.11 Transmission type 5.10 Service brake 5.9 Acceleration time (laden / unladen) 5.11 Transmission type 7.1 Engine 7.2 Engine brand / norm 7.2 Engine power according to ISO 1585 7.3 Rated speed 7.4 Number of cylinders / Capacity of cylinders Miscellaneous			
4.24Fork carriage widthb34.25Distance between support armsb44.26Distance between wheel arms/loading surfacesb44.28Maximum horizontal extension at COG 600144.32Ground clearance at centre of wheelbasem24.34Aisle width for 800 x 1200 pallet lengthwaysAst4.35Turming radiusWaPerformancesWa5.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.7Gradeability (laden / unladen)5.10Service brake5.9Acceleration time (laden / unladen)5.11Transmission typeEngineImage: Comparison of the state speed7.1Engine brand / norm7.2Engine power according to ISO 15857.3Rated speed8.1Type of drive control8.2Working hydraulic pressue for attachments0If year of or attachments8.3Oil flow rate for attachments		-	3/6/1
4.25Distance between support armsb44.26Distance between wheel arms/loading surfacesb44.28Maximum horizontal extension at COG 600144.32Ground clearance at centre of wheelbasem24.34Aisle width for 800 x 1200 pallet lengthwaysAst4.35Tuming radiusWaPerformances5.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.4Service brake5.9Acceleration time (laden / unladen)5.11Transmission typeEngineInternation of the State			h2
4.26 Distance between wheel arms/loading surfaces b4 4.28 Maximum horizontal extension at COG 600 14 4.32 Ground clearance at centre of wheelbase m2 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 4.35 Tuming radius Wa Performances Wa 5.1 Travel speed (laden / unladen)		-	
4.28 Maximum horizontal extension at COG 600 14 4.32 Ground clearance at centre of wheelbase m2 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 4.35 Tuming radius Wa Performances Wa 5.1 Travel speed (laden / unladen)			
4.32 Ground clearance at centre of wheelbase m2 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 4.35 Turning radius Wa Performances Wa 5.1 Travel speed (laden / unladen) Image: Comparison of the system of the sys			
4.34Aisle width for 800 x 1200 pallet lengthwaysAst4.35Turning radiusWaPerformancesImage: Second Seco			
4.35 Tuming radius Wa Performances Image: Second Seco			
Performances 5.1 Travel speed (laden / unladen) 5.2 Lifting speed (laden / unladen) 5.5 Nominal pulling force (laden) 5.3 Lowering speed (laden / unladen) 5.7 Gradeability (laden / unladen) 5.10 Service brake 5.9 Acceleration time (laden / unladen) 5.11 Transmission type Engine Image: Comparison of the system of			
5.1 Travel speed (laden / unladen) 5.2 Lifting speed (laden / unladen) 5.5 Nominal pulling force (laden) 5.3 Lowering speed (laden / unladen) 5.7 Gradeability (laden / unladen) 5.10 Service brake 5.9 Acceleration time (laden / unladen) 5.11 Transmission type Engine 7.1 Engine brand / norm 7.2 Engine power according to ISO 1585 7.3 Rated speed 7.4 Number of cylinders / Capacity of cylinders Miscellaneous Miscellaneous 8.1 Type of drive control 8.2 Working hydraulic pressure for attachments 0il flow rate for attachments Oil flow rate for attachments	4.55		Wa
5.2 Lifting speed (laden / unladen) 5.5 Nominal pulling force (laden) 5.3 Lowering speed (laden / unladen) 5.7 Gradeability (laden / unladen) 5.10 Service brake 5.9 Acceleration time (laden / unladen) 5.11 Transmission type Engine 7.1 Engine brand / norm 7.2 Engine power according to ISO 1585 7.3 Rated speed 7.4 Number of cylinders / Capacity of cylinders Miscellaneous Image: Capacity of cylinders 8.1 Type of drive control 8.2 Working hydraulic pressure for attachments 0 if flow rate for attachments Image: Capacity of cylinders	F 1		
5.5 Nominal pulling force (laden) 5.3 Lowering speed (laden / unladen) 5.7 Gradeability (laden / unladen) 5.10 Service brake 5.9 Acceleration time (laden / unladen) 5.11 Transmission type Engine 7.1 Engine brand / norm 7.2 Engine power according to ISO 1585 7.3 Rated speed 7.4 Number of cylinders / Capacity of cylinders Miscellaneous			
5.3 Lowering speed (laden / unladen) 5.7 Gradeability (laden / unladen) 5.10 Service brake 5.9 Acceleration time (laden / unladen) 5.11 Transmission type Engine 7.1 Engine brand / norm 7.2 Engine power according to ISO 1585 7.3 Rated speed 7.4 Number of cylinders / Capacity of cylinders Miscellaneous			
5.7 Gradeability (laden / unladen) 5.10 Service brake 5.9 Acceleration time (laden / unladen) 5.11 Transmission type Engine 7.1 Engine brand / norm 7.2 Engine power according to ISO 1585 7.3 Rated speed 7.4 Number of cylinders / Capacity of cylinders Miscellaneous			
5.10 Service brake 5.9 Acceleration time (laden / unladen) 5.11 Transmission type Engine 7.1 Engine brand / norm 7.2 Engine power according to ISO 1585 7.3 Rated speed 7.4 Number of cylinders / Capacity of cylinders Miscellaneous 1 8.1 Type of drive control 8.2 Working hydraulic pressure for attachments 0 il flow rate for attachments 1			
5.9 Acceleration time (laden / unladen) 5.11 Transmission type Engine 7.1 Engine brand / norm 7.2 Engine power according to ISO 1585 7.3 Rated speed 7.4 Number of cylinders / Capacity of cylinders Miscellaneous 1 8.1 Type of drive control 8.2 Working hydraulic pressure for attachments 0il flow rate for attachments 1			
5.11 Transmission type Engine Image: Constraint of the second			
Engine 7.1 Engine brand / norm 7.2 Engine power according to ISO 1585 7.3 Rated speed 7.4 Number of cylinders / Capacity of cylinders Miscellaneous Image: Capacity of cylinders 8.1 Type of drive control 8.2 Working hydraulic pressure for attachments 8.3 Oil flow rate for attachments			
7.1 Engine brand / norm 7.2 Engine power according to ISO 1585 7.3 Rated speed 7.4 Number of cylinders / Capacity of cylinders Miscellaneous 8.1 Type of drive control 8.2 Working hydraulic pressure for attachments 8.3 Oil flow rate for attachments	5.11		
7.2 Engine power according to ISO 1585 7.3 Rated speed 7.4 Number of cylinders / Capacity of cylinders Miscellaneous 8.1 Type of drive control 8.2 Working hydraulic pressure for attachments 8.3 Oil flow rate for attachments	7.1		
7.3 Rated speed 7.4 Number of cylinders / Capacity of cylinders Miscellaneous 8.1 Type of drive control 8.2 Working hydraulic pressure for attachments 8.3 Oil flow rate for attachments			
7.4 Number of cylinders / Capacity of cylinders Miscellaneous 8.1 Type of drive control 8.2 Working hydraulic pressure for attachments 8.3 Oil flow rate for attachments			
Miscellaneous 8.1 Type of drive control 8.2 Working hydraulic pressure for attachments 8.3 Oil flow rate for attachments			
8.1 Type of drive control 8.2 Working hydraulic pressure for attachments 8.3 Oil flow rate for attachments	/.4		
8.2 Working hydraulic pressure for attachments 8.3 Oil flow rate for attachments	0.1		
8.3 Oil flow rate for attachments			
8.4 Sound level at the driver's ear according to UIN 12 053			
	ö.4	Sound level at the driver's ear according to DIN 12 053	

TMM 20 4W ST5 - Dimensional drawing



Characteristics of masts and residual capacities

		Full Visibility Duplex (FVD)		FVD 30	FVD 36
		h1 - Mast lowered height	mm	2352	2702
		h3 - Mast lifting height	mm	3000	3600
		h4 - Mast extended height	mm	4455	5055
Residual Capacity (Maximum Height & LC = 600 mm)	Simple Reach	Pantograph reach in	kg	2000	2000
		Pantograph reach out with stabilizers	kg	1750	1750
		Pantograph reach out without stabilizers	kg	1100	1050
		Telescopic forks reach in	kg	2000	2000
		Telescopic Forks reach out with stabilizers	kg	1300	1300
		Telescopic Forks reach out without stabilizers	kg	1150	1100
	Double Reach	Pantograph & TF reach in	kg	2000	2000
		Pantograph & TF reach out with stabilizers	kg	1100	1100
Res		Pantograph & TF reach out without stabilizers	kg	550	550



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