Technical sheet :

## **TMM 20 ST5**

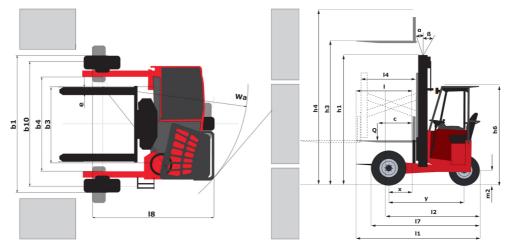




1.6 Load center of gravity or   1.8 Load distance, centre of drive axle to fork or   1.9 Wheelbase or   2.1 Service weight or   2.2 Weight on front axle (laden) / rear axle (laden) or   2.3 Weight on front axle (lunladen) / rear axle (lunladen) or   3.1 Tires type or   3.2 Dimensions of front wheels or   3.3 Dimensions of front wheels or   3.5 Number of front wheels / rear wheels or   3.5.2 Drive wheels (front / rear) or   3.6 Front wheel gauge br   0 0 or or   4.7 Height of overhead guard (cabin) h   4.8 Seat height/stand height h   4.19 Overall width br   4.22 Forks section / width / length br   4.23 Fork carriage ISO 2328 (class/form) A/B s //   4.24 Fork carriage ISO 2328 (class/form) A/B br   4.25 Distance between wheel arms/loading surfaces br   4.26 Distance between wheel arms/loading surfaces br   4.28 Maximum horizontal extension at COG 600 I   4.34 </th <th></th> <th></th> <th></th>			
11   Manufacturer     12.1   Reach out equipment     13   Power source     14   Operator type     15.   Max. capacity     0   Control     18   Load center of gravity   Control     19   Wheelbase   Control     21   Service weight   Control     22   Weight on front axie (laden) / rear axie (laden)   Control     23   Weight on front axie (laden) / rear axie (laden)   Control     24   Weight on front axie (laden) / rear axie (laden)   Control     33   Dimensions of row wheels   Control     34   Tires type   Control   Control     35.2   Drive wheels (ront rea)   Control   Control     47   Height of overhead guad (cabin)   M   M     43.3   Dimensions of row wheels   Control   M     41.4   Height of overhead guad (cabin)   M   M     42.2   Fork section / widh / length   S / / / / / / / / / / / / / / / / / / /		Technical characteristics	
1.2 Model Name   1.2.1 Reach out equipment   1.3 Power source   1.4 Operator type   1.6 Load center of gravhy   1.6 Load center of gravhy   1.8 Load distance, centre of drive axle to fork   1.9 Wheelbase   2.1 Service weight   2.2 Weight on front axle (laden) / rear axle (laden)   2.3 Weight on front axle (laden) / rear axle (luladen)   2.4 Service weight   3.5 Number of front wheels   3.6 Front wheel (laden) / rear axle (luladen)   3.7 Dimensions of frant wheels   3.8 Front wheel (laden)   4.7 Height of over heed (laden)   4.8 Seat height/Stand height   4.9 Dimensions of rear wheels   4.7 Height of over heed aguad (cabin)   4.8 Seat height/Stand height   4.9 Overall width / length   4.19 Overall width / length   4.21 Overall width / length   4.22 Fork carriage Width / length   4.33 Fork carriage Width / length   4.43 Kaise wheels (laden / nuladen)   4.24 Fork carriage Width / length   4.35 Distance between sup	1.1		
1.3 Power source   1.4 Operator type   1.5 Max. capacity   1.6 Load center of gravity   1.8 Load distance, centre of dive axle to fork   1.9 Wheelbase   2.1 Service weight   2.2 Weight on front axle (luniaden) / rear axle (luniaden)   2.3 Weight on front axle (luniaden) / rear axle (luniaden)   2.4 Weight on front axle (luniaden) / rear axle (luniaden)   2.3 Weight on front axle (luniaden) / rear axle (luniaden)   2.4 Weight on front axle (luniaden) / rear axle (luniaden)   3.1 Tires type   3.2 Dimensions of front wheels   3.3 Dimensions of front wheels   3.4 Thres type   3.5 Number of front wheels / rear wheels   3.5.2 Drive wheels (front / rear)   3.6 Front wheels / rear)   4.7 Height of overhead guard (cabin)   4.8 Seat height/stand height   4.9 Overall length   4.19 Overall length   4.21 Overall length   4.22 Fork section / widh / length   4.23 Fork carriage R/Joading surfaces   4.24 Fork carriage R/Joading surfaces   4.25 Distance between wheel		Model Name	
1.3   Power source     1.4   Operator type     1.5   Max. capacity     1.6   Load center of gravity     1.8   Load distance, centre of drive axle to fork     1.9   Wheelbase     2.1   Service weight     2.2   Weight on front axle (laden) / rear axle (laden)     2.3   Weight on front axle (laden) / rear axle (luladen)     2.4   Weight on front axle (luladen) / rear axle (luladen)     3.5   Number of front wheels     3.6   Front wheels (front / rear)     3.5   Number of front wheels (rear)     3.6   Front wheels (front / rear)     3.7   Height of overhead guard (cabin)     4.7   Height of overhead guard (cabin)     4.8   Sea theight/stain height     4.9   Overall length     4.10   Overall length     4.21   Overall length     4.22   Fork section / widh / length     4.23   Fork cariage kiddh     4.24   Fork cariage kiddh     4.25   Distance between wheel ams/loading surfaces     4.26   Distance between wheel ams/loading surfaces     <	1.2.1	Reach out equipment	
1.5 Max. capacity 0   1.6 Load center of gravity 0   1.8 Load distance, centre of drive axite to fork 0   1.9 Wheelbase 0   2.1 Service weight 0   2.2 Weight on front axie (laden) / rear axie (laden) 0   2.3 Weight on front axie (laden) / rear axie (laden) 0   3.4 Tires type 0   3.5 Dimensions of front wheels 0   3.6 Font wheels 0   3.7 Price wheels (front / rear) 0   3.8 Dimensions of rear wheels 0   3.5 Number of front wheels / rear wheels 0   3.5 Number of front wheels / rear wheels 0   3.6 Font wheel gauge 0   0 Dimensions of guard (cabin) h   4.7 Height of overhead guard (cabin) h   4.8 Seat height/Vistan height 0   4.7 Height of overhead guard (cabin) h   4.8 Seat height/Vistan height 0   4.7 Height of overhead guard (cabin) h   4.8 Seat height/Vistan height 0   4.19 Overall width h   4.22 Fork cartage	1.3		
1.5 Max. capacity 0   1.6 Load center of gravity 0   1.8 Load distance, centre of drive axite to fork 0   1.9 Wheelbase 0   2.1 Service weight 0   2.2 Weight on front axie (laden) / rear axie (laden) 0   2.3 Weight on front axie (laden) / rear axie (laden) 0   3.4 Tires type 0   3.5 Dimensions of front wheels 0   3.6 Font wheels 0   3.7 Price wheels (front / rear) 0   3.8 Dimensions of rear wheels 0   3.5 Number of front wheels / rear wheels 0   3.5 Number of front wheels / rear wheels 0   3.6 Font wheel gauge 0   0 Dimensions of guard (cabin) h   4.7 Height of overhead guard (cabin) h   4.8 Seat height/Vistan height 0   4.7 Height of overhead guard (cabin) h   4.8 Seat height/Vistan height 0   4.7 Height of overhead guard (cabin) h   4.8 Seat height/Vistan height 0   4.19 Overall width h   4.22 Fork cartage			
1.6 Load center of gravity a   1.8 Load distance, centre of dive axle to fork a   1.9 Wheelbase a   2.1 Service weight a   2.2 Weight on front axle (laden) / rear axle (laden) a   2.3 Weight on front axle (laden) / rear axle (lunaden) a   Wheelbase a a   3.1 Tires type a   3.2 Dimensions of front wheels a   3.3 Dimensions of rear wheels a   3.5.2 Dirke wheel (front / rear) b   3.6 Front wheel gauge b'   0 Orienasions a   4.7 Height of orior tweel (cabin) b   4.8 Seat height/stand height b   4.9 Overall width b   4.22 Fork section / width / length b   4.23 Fork carriage ISO 2328 (class/form) A/B b   4.24 Fork carriage ISO 2328 (class/form) A/B b   4.25 Distance between support arms b   4.26 Distance between support arms b   4.27 Fedoranzee a   5.1 Truel speed (laden / unladen) a   5.2 Lifning speed (laden / un			Q
1.8 Load distance, centre of dive axle to fork 10   1.9 Wheelbase 11   2.1 Service weight 12   2.3 Weight on front axle (laden) / rear axle (Unladen) 12   3.4 Tires type 12   3.5 Number of front wheels 12   3.6 Forth wheels / rear wheels 12   3.6 Forth wheels (unladen) / rear axle (unladen) 14   4.7 Height of overhead guad (cabin) 14   4.8 Seat height/stand height 14   4.9 Overall width / length 14   4.19 Overall width / length 14   4.22 Fork section / width / length 5 /   4.23 Fork camage S0 2328 (class/form) A/B 5 /   4.24 Fork camage S0 2328 (class/form) A/B 5 /   4.25 Distance between support ams 5 /   4.26 Distance between support ams 5 /   4.27 Tawle speed (laden / unladen) 1   5.1 Tawle speed (laden / unladen) 1   5.2 Lifting speed (laden / unladen) 1   5.3 Loweing speed (laden / unladen) 1   5.4 Tawle speed (laden / unladen) 1   5.5 Normala pulling for			с
1.9 Wheelbase 1   2.1 Service weight 1   2.2 Weight on front axle (laden) / rear axle (laden) 1   2.3 Weight on front axle (lunladen) / rear axle (Unladen) 1   3.1 Tires type 1   3.2 Dimensions of front wheels 1   3.3 Dimensions of front wheels 1   3.5 Number of front wheels (front / rear) 5   3.6 Font wheels quage 0   0 Dimensions 1   4.7 Height of overhead guard (cabin) 1   4.8 Seat height/Stand height 1   4.7 Height of overhead guard (cabin) 1   4.8 Seat height/Stand height 1   4.7 Height of overhead guard (cabin) 1   4.8 Seat height/Stand height 1   4.7 Height of overhead guard (cabin) 1   4.8 Seat height/Stand height 1   4.7 Height of overhead guard (cabin) 1   4.8 Seat height/Stand height 1   4.21 Overall width 1   4.22 Fork carriage Kol (cabin) 1   4.23 Fork carriage kol (cabin) 1   4.24 Fork carriage			X
Weight			у
2.1   Service weight     2.2   Weight on front axle (lunaden) / rear axle (lunaden)     2.3   Weight on front axle (lunaden) / rear axle (lunaden)     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.   Number of front wheels / rear wheels     3.6   Front wheel gauge     0   Dimensions     4.7   Height of overhead gaurd (cabin)     4.8   Seat height/stand height     4.9   Overall width     4.19   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 batternes of a cance at cente of wheelbase     4.34   Aisle width for 800 x 1200 pallet lengthways     4.35   Turning radius <b>Performances</b> Turning radius     5.1   Tarwei speed (laden / unladen)     5.2   Lifting speed (laden / unladen)     5.3   Loweing speed (laden / unladen)			,
2.2   Weight on front axle (laden) / rear axle (laden)     2.3   Weight on front axle (Unladen) / rear axle (Unladen)     Wheels   Image: State of the state of t	21		
2.3   Weight on front axle (Unladen) / rear axle (Unladen)     Wheels   Image: State (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)     0   Dimensions     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     4.9   Overall width     4.19   Overall width     4.22   Fork section / width / length     4.23   Fork caraiage iSO 2328 (class/form) A/B     4.24   Fork sacetion / width / length     4.25   Distance between support arms     4.26   Distance between support arms     4.28   Maximum horizontal extension at Co0 600     4.29   Ground clearance at center of wheelbase     4.34   Aisle width for 800 x 1200 palet lengthways     4.35   Tuming radius <b>Performances</b> Image (laden / unladen)     5.1			
Wheels     Wheels       3.1     Tires type			
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 / rear)     3.6   Front wheel gauge     Dimensions   Dimensions     4.7   Height of overhead gaud (cabin)     4.8   Seat height/stand height     4.19   Overall width     4.22   Fork section / width / length     4.23   Fork carriage iSO 2328 (class/form) A/B     4.24   Fork carriage width     4.25   Distance between support arms     4.26   Distance between support arms     4.28   Maximum horizontal extension at COG 600     4.29   Ground clearance at centre of wheelbase     4.20   Fork carriage width     4.21   Turning radius     4.22   Ground clearance at centre of wheelbase     5.1   Travel speed (laden / unladen)     5.2   Lifting speed (laden / unladen)     5.3   Nomial pulling force (laden)     5.4   Coerelaration time (laden / unladen)     5.11   Transmission type <tr< td=""><td>2.5</td><td></td><td></td></tr<>	2.5		
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 orehead guard (cabin)     4.8   Seat height/stand height     4.19   Overall length     4.21   Overall width     4.22   Forks section / width / length     4.23   Fork carniage lSO 2328 (class/form) A/B     4.24   Fork carniage lSO 2328 (class/form) A/B     4.25   Distance between support arms     4.26   Bistance between wheel arms/loading surfaces     4.28   Maximum horizontal extension at COG 600     4.39   Tuming radius <b>Verformaces</b> Distance between vheel arms/loading surfaces     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   Transel speed (laden / unladen)     5.12   Engin	3.1		
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 gauge     Dimensions   br     4.7   Height of overhead guard (cabin)   h     4.8   Seat height/stand height   h     4.19   Overall length   1     4.21   Overall width   bb     4.22   Forks section / width / length   bb     4.23   Fork carriage iSO 2328 (class/form) A/B   bb     4.24   Fork carriage width   bb     4.25   Distance between support arms   bb     4.26   Distance between support arms   bb     4.27   Ground clearance at cente of wheelbase   m     4.34   Aisle width for 800 x 1200 pallet lengthways   A     4.35   Turning radius   W   M     9   Performances   M   M     5.1   Travel speed (laden / unladen)   1   1     5.2   Lifting speed (laden / unladen)   1   1     5.3   Lowering speed (laden / unladen)   1   1			
3.5   Number of front wheels / rear wheels     3.5.2   Drive wheels (front / rear)     3.6   Front wheel gauge     Dimensions   Dimensions     4.7   Height of overhead guard (cabin)     4.8   Seat height/stand height     4.19   Overall width     4.21   Overall width / length     4.22   Forks section / width / length     4.23   Fork carriage ISO 2328 (class/form) A/B     4.24   Fork carriage ISO 2328 (class/form) A/B     4.25   Distance between support arms     4.26   Distance between support arms     4.28   Maximum horizontal extension at COG 600     4.29   Ground clearance at centre of wheelbase     4.34   Aisle width for 800 x 1200 pallet lengthways     4.35   Tuming radius <b>Performances</b> If     5.1   Travel speed (laden / unladen)     5.2   Nominal pulling force (laden /     5.3   Lowering speed (laden / unladen)     5.4   Genice brake     5.5   Nominal pulling force (laden / unladen)     5.11   Travel speed (laden / unladen)     5.12   Service br			
3.5.2   Drive wheels (front / rear)   br     3.6   Front wheel gauge   br     0100000000000000000000000000000000000			
3.6 Front wheel gauge b   4.7 Height of overhead guard (cabin) h   4.8 Seat height/stand height h   4.19 Overall length h   4.21 Overall width b   4.22 Fork section / width / length s //   4.23 Fork carriage ISO 2328 (class/form) A/B b   4.24 Fork carriage width b   4.25 Distance between support arms b   4.26 Maximum horizontal extension at COG 600 H   4.31 Ground clearance at centre of wheelbase m   4.32 Ground clearance at centre of wheelbase m   4.33 Turning radius M   9 Performances m   5.1 Travel speed (laden / unladen) 5.5   5.2 Lifting speed (laden / unladen) 5.5   5.1 Transmission type 5.1   5.1 Transmission type 5.1   5.1 Transmission type 5.1   5.1 Transmission type 5.1   5.10 Service brake 5.1   5.11 Transmission type 5.1   5.12 Engine brand / nom 5.1   5.13 Transmission type 5.1			
Dimensions   Image: Seat height / Stand height   h     4.7   Height of overhead guard (cabin)   h     4.8   Seat height / Stand height   h     4.19   Overall length   It     4.21   Overall width   b     4.22   Forks section / width / length   s //     4.23   Fork carriage ISO 2328 (class/form) A/B   b     4.24   Fork carriage width   bb     4.25   Distance between support arms   bb     4.26   Distance between wheel arms/loading surfaces   bb     4.28   Maximum horizontal extension at COG 600   It     4.34   Aisle width for 800 x 1200 pallet lengthways   A     4.34   Aisle width for 800 x 1200 pallet lengthways   A     4.35   Tuming radius   W     Performances   S   S     5.1   Travel speed (laden / unladen)   S     5.2   Lifting speed (laden / unladen)   S     5.3   Lowering speed (laden / unladen)   S     5.10   Service brake   S     5.9   Acceleration time (laden / unladen)   S <t< td=""><td></td><td></td><td>L10</td></t<>			L10
4.7   Height of overhead guard (cabin)   h     4.8   Seat height/stand height   h     4.19   Overall length   l     4.21   Overall width / length   b     4.22   Fork section / width / length   b     4.23   Fork carriage ISO 2328 (class/form) A/B   b     4.24   Fork carriage width   b     4.25   Distance between support arms   b     4.26   Distance between wheel arms/loading surfaces   b     4.28   Maximum horizontal extension at COG 600   l     4.32   Ground clearance at centre of wheelbase   m     4.34   Aisle width for 800 x 1200 pallet lengthways   A     4.35   Turning radius   W     Performances   W   W     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   .     5.12   Servic	3.0		010
4.8   Seat height/stand height   h     4.19   Overall length   1     4.21   Overall width   bb     4.22   Fork section / width / length   s ////////////////////////////////////	47		h (
4.19   Overall length   I     4.21   Overall width / length   bb     4.22   Forks section / width / length   s ////////////////////////////////////			h6
4.21   Overall width   b     4.22   Forks section / width / length   s ////////////////////////////////////			h7
4.22   Fork section / width / length   s / /     4.23   Fork carriage ISO 2328 (class/form) A/B     4.24   Fork carriage width   bb     4.25   Distance between support arms   bb     4.26   Distance between wheel arms/loading surfaces   bb     4.28   Maximum horizontal extension at COG 600   If     4.32   Ground clearance at centre of wheelbase   mr     4.34   Aisle width for 800 x 1200 pallet lengthways   A     4.35   Turning radius   W     Performances   W     5.1   Travel speed (laden / unladen)   W     5.2   Lifting speed (laden / unladen)   If     5.3   Lowering speed (laden / unladen)   If     5.4   Gradeability (laden / unladen)   If     5.7   Gradeability (laden / unladen)   If     5.10   Service brake   If     5.9   Acceleration time (laden / unladen)   If     5.11   Transmission type   If     Image: Signe power according to ISO 1585   If   If     7.1   Engine brand / norm   If     7.2 <td< td=""><td></td><td>-</td><td> 1</td></td<>		-	1
4.23   Fork carriage ISO 2328 (class/form) A/B     4.24   Fork carriage width   bb     4.25   Distance between support arms   bb     4.26   Distance between wheel arms/loading surfaces   bb     4.28   Maximum horizontal extension at COG 600   class     4.32   Ground clearance at centre of wheelbase   mr     4.34   Aisle width for 800 x 1200 pallet lengthways   Ac     4.35   Turning radius   W     Performances   W     5.1   Travel speed (laden / unladen)   C     5.2   Lifting speed (laden / unladen)   C     5.3   Lowering speed (laden / unladen)   C     5.7   Gradeability (laden / unladen)   C     5.10   Service brake   C     5.9   Acceleration time (laden / unladen)   C     5.10   Service brake   C     5.9   Acceleration time (laden / unladen)   C     5.11   Transmission type   C     7.1   Engine brand / norm   C     7.2   Engine brand / norm   C     7.3   Rated speed   C <			b1
4.24Fork carriage widthbb4.25Distance between support armsbb4.26Distance between wheel arms/loading surfacesbb4.28Maximum horizontal extension at COG 600ch4.32Ground clearance at centre of wheelbasemm4.34Aisle width for 800 x 1200 pallet lengthwaysch4.35Turning radiuswwPerformancesww5.1Travel speed (laden / unladen)ch5.2Lifting speed (laden / unladen)ch5.3Lowering speed (laden / unladen)ch5.7Gradeability (laden / unladen)ch5.9Acceleration time (laden / unladen)ch5.10Service brakech5.9Acceleration time (laden / unladen)ch5.10Service brakech7.1Enginech7.1Engine brand / normch7.2Engine power according to IS0 1585ch7.3Rated speedch7.4Number of cylinders / Capacity of cylindersch			s / e .
4.25   Distance between support arms   bb     4.26   Distance between wheel arms/loading surfaces   bb     4.28   Maximum horizontal extension at COG 600   nm     4.32   Ground clearance at centre of wheelbase   nm     4.34   Aisle width for 800 x 1200 pallet lengthways   AA     4.35   Tuming radius   W     Performances   W     5.1   Travel speed (laden / unladen)   W     5.2   Lifting speed (laden / unladen)   Immediate     5.3   Lowering speed (laden / unladen)   Immediate     5.7   Gradeability (laden / unladen)   Immediate     5.10   Service brake   Immediate     5.9   Acceleration time (laden / unladen)   Immediate     5.10   Service brake   Immediate     5.9   Acceleration time (laden / unladen)   Immediate     5.10   Service brake   Immediate     5.9   Acceleration time (laden / unladen)   Immediate     5.11   Transmission type   Immediate     7.1   Engine brand / norm   Immediate     7.2   Engine power according to IS0 1585			
4.26   Distance between wheel arms/loading surfaces   bb     4.28   Maximum horizontal extension at COG 600   II     4.32   Ground clearance at centre of wheelbase   mm     4.34   Aisle width for 800 x 1200 pallet lengthways   A     4.35   Tuming radius   W     Performances   W     5.1   Travel speed (laden / unladen)   W     5.2   Lifting speed (laden / unladen)   M     5.3   Lowering speed (laden / unladen)   M     5.7   Gradeability (laden / unladen)   M     5.10   Service brake   M     5.9   Acceleration time (laden / unladen)   M     5.11   Transmission type   M     7.1   Engine   M     7.1   Engine brand / norm   M     7.2   Engine power according to ISO 1585   M     7.3   Rated speed   M     7.4   Number of cylinders / Capacity of cylinders   M			b3
4.28   Maximum horizontal extension at COG 600   I.I.     4.32   Ground clearance at centre of wheelbase   mm     4.34   Aisle width for 800 x 1200 pallet lengthways   A     4.35   Tuming radius   W     Performances   W     5.1   Travel speed (laden / unladen)   W     5.2   Lifting speed (laden / unladen)   W     5.3   Lowering speed (laden / unladen)   W     5.7   Gradeability (laden / unladen)   W     5.10   Service brake   W     5.9   Acceleration time (laden / unladen)   W     5.11   Transmission type   M     7.1   Engine brand / norm   M     7.2   Engine power according to ISO 1585   M     7.3   Rated speed   M     7.4   Number of cylinders / Capacity of cylinders   M			b4
4.32   Ground clearance at centre of wheelbase   mm     4.34   Aisle width for 800 x 1200 pallet lengthways   A     4.35   Turning radius   W     Performances   W     5.1   Travel speed (laden / unladen)   W     5.2   Lifting speed (laden / unladen)   W     5.3   Lowering speed (laden / unladen)   W     5.7   Gradeability (laden / unladen)   W     5.7   Gradeability (laden / unladen)   W     5.10   Service brake   W     5.9   Acceleration time (laden / unladen)   W     5.11   Transmission type   W     7.1   Engine   W     7.2   Engine brand / norm   M     7.3   Rated speed   M     7.4   Number of cylinders / Capacity of cylinders   M			b4
4.34   Aisle width for 800 x 1200 pallet lengthways   A     4.35   Turning radius   W     Performances   M     5.1   Travel speed (laden / unladen)   M     5.2   Lifting speed (laden / unladen)   M     5.3   Lowering speed (laden / unladen)   M     5.3   Lowering speed (laden / unladen)   M     5.7   Gradeability (laden / unladen)   M     5.10   Service brake   M     5.9   Acceleration time (laden / unladen)   M     5.11   Transmission type   M     7.1   Engine   M     7.2   Engine brand / norm   M     7.3   Rated speed   M     7.4   Number of cylinders / Capacity of cylinders   M			14
4.35   Tuming radius   W     Performances   Image: Second Secon			m2
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     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			Ast
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	4.35		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			
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			
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			
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			
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			
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			
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			
Engine   7.1 Engine brand / norm   7.2 Engine power according to ISO 1585   7.3 Rated speed   7.4 Number of cylinders			
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	5.11		
7.2 Engine power according to ISO 1585   7.3 Rated speed   7.4 Number of cylinders		Engine	
7.3 Rated speed   7.4 Number of cylinders	7.1	Engine brand / norm	
7.4 Number of cylinders / Capacity of cylinders			
	7.3	Rated speed	
Miscellaneous	7.4	Number of cylinders / Capacity of cylinders	
		Miscellaneous	
8.1 Type of drive control	8.1	Type of drive control	
8.2 Working hydraulic pressure for attachments	8.2	Working hydraulic pressure for attachments	
8.3 Oil flow rate for attachments	8.3	Oil flow rate for attachments	
8.4 Sound level at the driver's ear according to DIN 12 053	9.4	Sound level at the driver's ear according to DIN 12 053	

20313	Oreated on o May 2024 at 12.01.42 AM 010
	Metric
	MANITOU
	TMM 20 ST5
	Pantograph
	Diesel
	Seated
Q	2000 kg
С	500 mm
х	490 mm
у	1598 mm
	2290 kg
	3050 kg / 1240 kg
	1050 kg / 1240 kg
	Pneumatic
	27x10-12 IC30
	27x10-12 IC30
	2/1
	2/1
b10	2151 mm
010	2131 1111
h6	2120 mm
h7	1070 mm
11	2650 mm
b1	2406 mm
s/e/l	40 mm x 122 mm x 1200 mm
	2A
b3	1260 mm
b4	1165 mm
b4	1600 mm
14	1000 mm
m2	272 mm
Ast	3363 mm
Wa	2463 mm
	9.40 km/h - 9.50 km/h
	0.26 m/s / 0.24 m/s
	2200
	0.38 m/s / 0.24 m/s
	56 % / 51 %
	Hydraulic brakes by loss of pressure
	4.10 s / 2.60 s
	Hydrostatic
	Kubota - Stage V
	18.50 kW
	3000 rpm
	3- 1123 cm <sup>3</sup>
	5 - 1123 CIII*
	0-11-
	Cable
	190 bar
	43 l/min
	84 dB

## TMM 20 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	1050	1050
		Telescopic forks reach in	kg	2000	2000
		Telescopic Forks reach out with stabilizers	kg	1300	1300
		Telescopic Forks reach out without stabilizers	kg	1100	1100
	Double Reach	Pantograph & TF reach in	kg	2000	2000
		Pantograph & TF reach out with stabilizers	kg	1100	1100
NGS NGS		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



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