Technical sheet :

## TMM 20 ST5

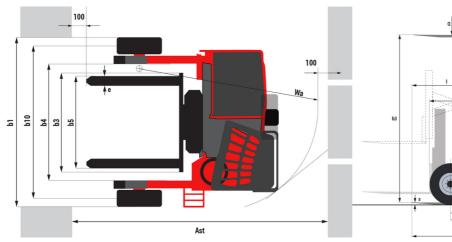


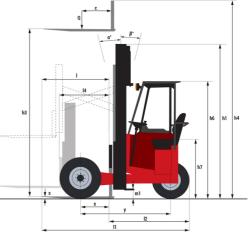


Torbinol characteristics      1.1    Manufacturer      1.2    Resch out equipment      1.3    Power source      1.4    Operatory ipe      1.5    Max. capacity      0    0      1.6    Lod destance, centre of anxing      0    0      1.6    Lod destance, centre of the wake to fork      1.9    Wheelbase      2.1    Sender weight      2.2    Weight on front take (laden) / rear axke (laden)      2.3    Weight on front take (laden) / rear axke (laden)      2.4    Weight on front take (laden) / rear axke (laden)      2.5    Muelt of front wheels      3.6    Front wheels (are wheels      3.7    Dimensions of rear wheels      3.8    Front wheels (are wheels      3.5    Number of front wheels / rear wheels      3.5    Front wheels (are wheels      3.6    Front wheels (are)      4.7    Height of ore-freed quard (cabin)      4.8    Sea the bight and height      4.9    Overall length      4.19    Overall length      4.20    Fok carriage Wath					
1.1    Manufacturer      1.2    Model Name      1.2.1    Reach out equipment      1.3    Power source      0		Technical characteristics			
1.2.1    Reach out equipment      1.3    Power source      1.4    Operator type      1.5    Max. capacity    0      1.6    Load enter of gravity    0      1.8    Load distance, centre of dive axle to fork    x      1.9    Wheeloase    y      2.1    Standard mast teffence of the machine    y      2.2    Weight on front axle (Unladen)    y      3.3    Dimensions of front wheels    y      3.4    Tires type    y      3.5    Number of front wheels    y      3.5.    Dimensions of frant wheels    y      3.6    Four tweels (Cabin)    b10      3.7    Tires type    b10      3.8    Four tweels (Cabin)    b10      3.8    Four tweels (Cabin)    b10      3.9    Dimensions of rant wheel and (Cabin)    b10      3.4    Theight of overhead guard (Cabin)    b10      3.4    Max. Iffma hight    b17      4.13    Owerall width    b14      4.2    Fok a section / width / length    b14      4.2 <td>1.1</td> <td></td> <td></td>	1.1				
1.3    Power source      1.4    Operator type      1.5    Max. capacity    Q      1.6    Load center of gravity    Q      1.8    Load distance, centre of drine axite to fork    x      1.9    Wheelbase    y      2.1    Stricter weight    Powers out (laden) / rear axite (laden)      2.2.1    Wright on front axite (londer) / rear axite (laden)    2.3      2.3    Weight on front axite (londer) / rear axite (laden)    Powers out (laden)      2.3    Weight on front axite (londer) / rear axite (laden)    Powers out (laden)      3.1    Titres type    Powers out wheels    Powers out wheels      3.3.1    Titres type    Powers out wheels    Powers out wheels      3.5    Dimensions of trant wheels    Powers out wheels    Powers out wheels      3.5.2    Dime wheels (ront / rear)    Powers out wheels    Powers out wheels    Powers out wheels      3.6    Font wheel grave wheels    Powers out wheels    Powers out wheels    Powers out wheels      4.4    Max. Uniting theight    Pot    Powers out wheels    Powers out wheels    Powers out wheels      4.2    Dower		Model Name			
1.3    Power source      1.4    Operator type      1.5    Max. capacity    Q      1.6    Load center of gravity    Q      1.8    Load distance, centre of drine axite to fork    x      1.9    Wheelbase    y      2.1    Stricter weight    Powers out (laden) / rear axite (laden)      2.2.1    Wright on front axite (londer) / rear axite (laden)    2.3      2.3    Weight on front axite (londer) / rear axite (laden)    Powers out (laden)      2.3    Weight on front axite (londer) / rear axite (laden)    Powers out (laden)      3.1    Titres type    Powers out wheels    Powers out wheels      3.3.1    Titres type    Powers out wheels    Powers out wheels      3.5    Dimensions of trant wheels    Powers out wheels    Powers out wheels      3.5.2    Dime wheels (ront / rear)    Powers out wheels    Powers out wheels    Powers out wheels      3.6    Font wheel grave wheels    Powers out wheels    Powers out wheels    Powers out wheels      4.4    Max. Uniting theight    Pot    Powers out wheels    Powers out wheels    Powers out wheels      4.2    Dower	1.2.1	Reach out equipment			
1.4  Operator type  0    1.5  Max. capacity  0    1.6  Load distance, centre of drive axle to fork  x    1.9  Wheelbace  y    2.1  Standard mat reference of the machine  x    2.2  Weight for front axle (laden) / rear axle (laden)  x    2.3  Weight on front axle (laden) / rear axle (laden)  x    3.4  These type  x    3.5  Dimensions of front wheels  x    3.5.2  Dime wheels (tront / rear wheels  x    3.6  Font wheels quark (celn)  h3    4.7  Height of oreitheed guard (celn)  h6    4.8  Seat height/stand height  h7    4.19  Overall width  h6    4.22  Fork section / width / rear/  b10    4.24  fork camage width  b13    4.22  Fork section / width / rear/  b13    4.24  fork camage width  b3    4.22  Fork section / width / rear/  b3    4.23  Fork camage width  b3    4.24  fork camage width  b3    4.25  Distance between support arms  b5    4.26  Distance between support arms  b5    5.1 <t< td=""><td></td><td></td><td></td></t<>					
1.5  Max. capacity  0    1.6  Load center of gravity  a    1.8  Load distance, cente of dire axle to fork  x    1.9  Whelbase  y    2.1  Sterice weight  y    2.2  Weight on front axle (daten) / rear axle (laden)  y    2.3  Weight on front axle (unladen) / rear axle (laden)  y    3.1  Titres type  y    3.2  Dimensions of front wheels  y    3.3  Dimensions of rear wheels  y    3.4  Max. lifting height  hs    4.4  Max. lifting height  hs    4.2  Pork acriage D2328 (classif, com) A/B  b5    4.2  Pork acriage D2328 (classif, com) A/B  b3    4.2  Pork acriage D2328 (classif, com) A/B  b3    4.24  Pork carrage D3238 (classif, com) A/B  b3    4.25  Distance between wheel arms  b3    4.26  Distance between wheel arms/loding surfaces  b4    4					
1.6    Load center of gravity    c      1.8    Load distance, cente of drive axte to fork    x      1.9    Winelbase    y      Standard mast reference of the machine    y    y      2.1    Standard mast reference of the machine    y      2.2    Weight on front axte (duelon) / rear axte (duelon)    y      2.3    Weight on front axte (duelon) / rear axte (duelon)    y      3.4    Tites type    y      3.5    Dimensions of front wheels    y      3.5.2    Dimensions of front wheels    y      3.6    Front wheel grage    b10      0    Dimensions    ha      4.4    Max. lifting height    h5      4.5.2    Dive wheels (front / rear)    h5      3.6    Front wheel grage    b10      0    Dimensions    h6      4.8    Seart heightytach height    h7      4.1    Max. lifting height    h6      4.2    Fork carriage widh    b1      4.2    Fork carriage widh    b1      4.3    Exerct / widh / length    b1      4.			0		
1.8  Load distance, centre of drive axle to fork  x    1.9  Wheelbase  y    2.1  Standard mast reference of the machine					
1.9  Weelph  9    2.1  Service weight  9    2.2  Weight on front axie (luden) / rear axie (luden)  9    2.3  Weight on front axie (ludnén) / rear axie (ludnén)  9    3.1  Tires type  9    3.3  Dimensions of front wheels  9    3.4  Dimensions of front wheels  9    3.5  Number of front wheels  9    3.5.2  Drive wheels (front / rear)  10    3.6  Front wheels (rear wheels  9    3.7  Height of overhead guad (cabin)  16    4.4  Max					
Weight					
Standard mast reference of the machine      2.1    Service weight      2.2    Weight on front axie ((idden) / rear axie ((idden))      2.3    Weight on front axie ((idden) / rear axie ((idden))      3.3    Titles type      3.2    Dimensions of front wheels      3.3    Dimensions of front wheels      3.5    Number of front wheels / rear wheels      3.5.2    Dive wheels (front / rear)      3.6    Front wheel gauge      Dimensions    10      4.4    Max, iffting beight      4.5    Height of ore-add (add)      4.7    Height of ore-add (add) (abin)      4.8    Seat height/Stand height      4.1    Overall length    11      4.21    Fork section / width / length    b1      4.22    Fork section / width / length    b3      4.23    Fork carriage width    b3      4.24    Fork carriage width    b3      4.25    Distance between support arms    b5      4.26    Distance between support arms    b5      4.28    Maximum outbreach    m2      4.35    Turming radius    Wat			,		
2.1    Service weight      2.2    Weight on front axle (daden) / rear axle (unladen)      2.3    Wheels      3.1    Tires type      3.2    Dimensions of front wheels      3.3    Dimensions of front wheels      3.4    Dimensions of front wheels      3.5    Number of front wheels / rear wheels      3.5    Dimensions      3.6    Front wheel gauge      0    Onemations      4.4    Max. Iffing height      4.3    Seat height/stand height      4.4    Max. Iffing height      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      4.19    Overall width      4.21    Overall width      4.22    Fork carriage 150 2328 (class/form) A/B      4.23    Fork carriage 150 2328 (class/form) A/B      4.24    Fork carriage 150 2328 (class/form) A/B      4.25    Distance between wheel ams/loading surfaces      4.26    Distance between support ams      5.1    Travel speed (laden / un					
2.2    Weight on front axle (laden) / rear axle (laden)      2.3    Weight on front axle (Unladen) / rear axle (Unladen)      3.1    Tires type      3.2    Dimensions of front wheels      3.3    Dimensions of front wheels      3.4    Dimensions of front wheels      3.5    Number of front wheels / rear wheels      3.5.2    Dive wheels (front / rear)      3.6    Font wheel gauge      0    Dimensions      4.4    Max. Iffing height      4.7    Height of overhead gaurd (cabin)      4.8    Seat height stand height      4.19    Overall length      11    221      4.22    Fork 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 ams    b5      4.26    Distance between support ams    b5      4.27    Fork sacein / width or 800 x 1200 pallet lengthways    Ast      4.31    Travel speed (laden / unladen)    class / class	2.1	Service weight			
2.3    Weight on front axle (Unladen) / rear axle (Unladen)      Weight on front axle (Unladen)    Weight on front axle (Unladen)      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      0    Offenessions      4.4    Max. lifting height    h3      4.7    Height of overhead guard (cabin)    h6      4.8    Seat height/stand height    h7      4.19    Overall length    11      4.21    Overall width    b1      4.22    Fork carriage width    b3      4.26    Distance between support ams    b5      4.27    Folk carriage width    b3      4.28    Maximum outreach    m2      4.24    Fork carriage width    b3      4.25    Distance between support ams    b5      4.26    Distance between support ams    b4      4.28    Maximum outreach    m2      5.1    Travel speed (laden / unladen)    m2      5.2    Lifting speed(l	2.2				
Wheels					
3.1    Tires type      3.2    Dimensions of front wheels      3.3    Dimensions of front wheels      3.5.2    Difue wheels (front / rear)      3.6    Front wheel gauge      4.4    Max. lifting height      4.4    Max. lifting height      4.4    Max. lifting height      4.7    Height of overhead guard (cabin)      4.8    Scat height/stand height      4.19    Overall length      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    Ground clearance at centre of wheelbase      4.28    Maximum outreach      6.1    Travel speed (laden / unladen)      5.2    Turning radius      7.3    Rade digned / nomden)      5.1.0    Service brake      7.1    Engine      7.2    Lifting speed (laden / unladen)      5.10    Service brake      7.3    Rated speed <td></td> <td></td> <td></td>					
3.2    Dimensions of front wheels      3.3    Dimensions of rar wheels      3.5    Number of front wheels / rear wheels      3.5.2    Drive wheels (front / rear)      3.6    Front wheel gauge      0    Dimensions      4.4    Max. lifting height      4.7    Height of overhead gaurd (cabin)      4.8    Seat height/Stand height      4.9    Overall width      4.2    Forks section / width / length      4.2.2    Fork section / width / length      4.2.4    Fork carriage width      4.2.5    Distance between support arms      4.2.6    Distance between support arms      4.2.6    Distance between wheel arms/loading surfaces      4.3.4    Alsie width for 800 x 1200 pallet lengthways      4.3.4    Alsie width for 800 x 1200 pallet lengthways      4.3.5    Turning radius      9    Performances      10    Service brake      11    Inden / unladen)      5.1    Travel speed (laden / unladen)      5.2    Lifting speed (laden / unladen)      5.3    Lowering speed (laden / unladen)      5.4	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      4.4    Max. lifting 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 carriage ISO 2328 (class/form) A/B      4.24    Fork carriage width      4.25    Distance between wheel arms/loading surfaces      4.32    Ground clearance at centre of wheelbase      4.32    Ground clearance at centre of wheelbase      4.35    Turning radius <b>Performances Performances Performances Performances Performances Performances Tarset pased (laden / unladen)</b> 5.1      5.10    Service brake <b>Tarset pased (laden / unladen)</b> 5.1      5.10    Service brake <b>Tarset pased (laden / unladen)</b> 5.1      5.10    Service brake <b>Tarset pased</b>					
3.5    Number of front wheels / rear wheels      3.5.2    Drive wheels (front / rear)      3.6    Front wheel gauge    b10      3.6    Front wheel gauge    b10      4.4    Max. lifting height    h3      4.7    Height of owehead guard (cabin)    h6      4.8    Seat height/Stand height    h7      4.9    Overall width    b1      4.21    Overall width    b1      4.22    Fork section / width / length    s / e / /      4.23    Fork carriage ISO 2328 (class/form) A/B    b3      4.26    Distance between support arms    b5      4.26    Distance between wheel arms/loading surfaces    b4      4.28    Ground clearance at centre of wheelbase    m2      4.34    Aisle width for 800 x 1200 pallet lengthways    Ast      4.35    Tuming radius    Wa <b>Performances</b> 5    5      5.1    Travel speed (laden / unladen)    5      5.2    Lifting speed (laden / unladen)    5      5.9    Acceleration time (laden / unladen)    5      5.9    Acceleration time (laden / unladen					
3.5.2    Drive wheels (front / rear)    bit      3.6    Front wheel gauge    bit      3.6    Front wheel gauge    bit      4.4    Max. Iffing height    h3      4.7    Height of overhead guard (cabin)    h6      4.8    Seat height/stand height    h7      4.19    Overall length    l1      4.21    Fork section / width / length    s / e /      4.22    Fork carriage Nidth / length    s / e /      4.23    Fork carriage Nidth    b3      4.26    Distance between support arms    b5      4.26    Distance between wheel arms/loading surfaces    b4      4.28    Maximum outreach    m2      4.32    Ground clearance at centre of wheelbase    m2      4.33    Turning radius    Wa      Performances    section / unladen)    section / unladen)      5.1    Travel speed (laden / unladen)    section / unladen)      5.10    Service brake    section / unladen)      5.10    Service brake    section / unladen)      5.10    Service brake    section un / model      7.2 </td <td></td> <td></td> <td></td>					
3.6  Front wheel gauge  b10    01mensions  0    4.4  Max. lifting height  h3    4.7  Height of overhead guard (cabin)  h6    4.8  Seat height/stand height  h7    4.19  Overall length  11    4.21  Overall width  b1    4.22  Fork section / width / length  s / e /    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    4.32  Ground clearance at centre of wheelbase  m2    4.34  Aisle width for 800 x 1200 pallet lengthways  Ast    4.35  Tuming radius  Wa    9  Performances  Wa    5.1  Travel speed (laden / unladen)  s    5.2  Lifting speed (laden / unladen)  s    5.3  Service brake  m2    7.1  Engine  main    7.2  L.2  Engine    7.3  Rated speed  main    7.4  Number of cylinders / Capacity of cylinders  main    7.4  Number of cylinders / Capacity of cylinders <td></td> <td>Drive wheels (front / rear)</td> <td></td>		Drive wheels (front / rear)			
Dimensions    h3      4.4    Max. lifting height    h3      4.7    Height of averhead guard (cabin)    h6      4.8    Seat height/stand height    h7      4.19    Overall length    h1      4.21    Overall width    b1      4.22    Fork section / width / length    s / e /      4.23    Fork carriage width    b3      4.24    Fork carriage width    b3      4.25    Distance between support arms    b4      4.26    Distance between wheel arms/loading surfaces    m2      4.32    Gound clearance at centre of wheelbase    m2      4.34    Aisle width for 800 x 1200 pallet lengthways    Ast      4.35    Turning radius    Wa      Performance    main    main      5.1    Travel speed (laden / unladen)    main      5.2    Lifting speed (laden / unladen)    main      5.3    Lowering speed (laden / unladen)    main      5.9    Acceleration time (laden / unladen)    main      5.9    Acceleration time (laden / unladen)    main      5.9    Acceleration time (laden			b10		
4.4    Max. lifting height    h3      4.7    Height of overhead guard (cabin)    h6      4.8    Seat height/stand height    h7      4.19    Overall length    h1      4.21    Overall width    b1      4.22    Forks section / width / length    s / e /      4.23    Fork carriage iSO 2328 (class/form) A/B    b3      4.24    Fork carriage width    b3      4.25    Distance between support arms    b5      4.26    Distance between support arms    b5      4.26    Distance between support arms    m2      4.32    Ground clearance at centre of wheelbase    m2      4.32    Ground clearance at centre of wheelbase    m2      4.35    Turning radius    Wa <b>Performances</b> wa    Wa      5.1    Travel speed (laden / unladen)    5      5.2    Lifting speed (laden / unladen)    5      5.3    Lowering speed (laden / unladen)    5      5.9    Acceleration time (laden / unladen)    5      5.10    Service bake    7      Tarabe speed    Imagee					
4.7Height of overhead guard (cabin)h64.8Seat height/stand heighth74.19Overall length114.21Overall widthb14.22Fork section / width / lengths / e /4.23Fork carriage ISO 2328 (class/form) A/Bb34.24Fork carriage widthb34.25Distance between support armsb54.26Distance between wheel arms/loading surfacesb44.32Ground clearance at centre of wheelbasem24.34Aisle width for 800 x 1200 pallet lengthwaysAst4.35Turning radiusWaPerformances5.15.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.10Service brakeTransmission type1Tansmission type17.1Engine power rating7.3Rated speed7.4Number of cylinders / Capacity of cylinders8.1Type of drive control8.3Oil flow rate for attachments8.3Oil flow rate for attachments	4.4		h3		
4.8    Seat height/stand height    h7      4.19    Overall length    11      4.21    Overall width    b1      4.22    Fork section / width / length    s / e /      4.23    Fork carriage ISO 2328 (class/form) A/B    b3      4.24    Fork carriage width    b3      4.26    Distance between support arms    b5      4.26    Distance between wheel arms/loading surfaces    m2      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      5.1    Tarael speed (laden / unladen)    5.2      5.2    Lifting speed (laden / unladen)    5.3      5.3    Lowering speed (laden / unladen)    5.9      5.10    Service brake    Tarasmission type      7.1    Engine brand / norm / model	4.7		h6		
4.19Overall length114.21Overall widthb14.22Fork section / width / lengths / e /4.23Fork carniage ISO 2328 (class/form) A/Bb34.24Fork carniage widthb34.25Distance between support armsb54.26Distance between wheel arms/loading surfacesb44.28Maximum outreachm24.32Ground clearance at centre of wheelbasem24.34Aisle width for 800 x 1200 pallet lengthwaysAist4.35Tuming radiusWaPerformanceswa5.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.9Acceleration time (laden / unladen)5.10Service brakeTransmission typeFingineTransmission type7.3Rated speed7.4Number of cylinders / Capacity of cylindersMiscellaneousMiscellaneous8.1Type of drive control8.3Oil flow rate for attachments8.3Oil flow rate for attachments	4.8		h7		
4.22    Fork section / width / length    s / e /      4.23    Fork carriage ISO 2328 (class/form) A/B    b3      4.24    Fork carriage width    b3      4.26    Distance between support arms    b5      4.26    Distance between wheel arms/loading surfaces    b4      4.28    Maximum outreach    m2      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      5.1    Travel speed (laden / unladen)	4.19		11		
4.23Fork carriage ISO 2328 (class/form) A/B4.24Fork carriage widthb34.26Distance between support armsb54.26Distance between wheel arms/loading surfacesb44.28Maximum outreachm24.34Aisle width for 800 x 1200 pallet lengthwaysMat4.35Turning radiusWaPerformancesm25.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.7Gradeability (laden / unladen)5.9Acceleration time (laden / unladen)5.10Service brakeTransmission typem27.1Engine7.2I.C. Engine power rating7.3Rated speed7.4Number of cylindersMiscellaneousm38.1Type of drive control8.2Working hydraulic pressure for attachments01 flow rate for attachments01 flow rate for attachments	4.21	Overall width	b1		
4.24    Fork carriage width    b3      4.26    Distance between support arms    b5      4.26    Distance between wheel arms/loading surfaces    b4      4.28    Maximum outreach    m2      4.32    Ground clearance at centre of wheelbase    m2      4.34    Aisle width for 800 x 1200 pallet lengthways    Mat      4.35    Turning radius    Wa      Performances    Wa      5.1    Travel speed (laden / unladen)    Wa      5.2    Lifting speed (laden / unladen)    S.3      5.3    Lowering speed (laden / unladen)    S.3      5.9    Acceleration time (laden / unladen)    S.10      5.10    Service brake    Tansmission type      Tansmission type    Tansmission type    Stanse      7.1    Engine brand / norm / model    Stanse    Stanse      7.2    I.C. Engine power rating    Stanse    Stanse    Stanse      7.3    Rated speed    Stanse    Stanse<	4.22	Forks section / width / length	s / e / l		
4.26Distance between support armsb54.26Distance between wheel arms/loading surfacesb44.28Maximum outreachm24.34Aisle width for 800 x 1200 pallet lengthwaysAst4.35Turning radiusWaPerformancesm25.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.7Gradeability (laden / unladen)5.9Acceleration time (laden / unladen)5.10Service brakeTransmission typemassion type7.1Engine brand / norm / model7.2I.C. Engine power rating7.3Rated speed7.4Number of cylindersMiscellaneousmiscellaneous8.1Type of drive control8.3Oil flow rate for attachments0Jif over attachments0Jif over attachments	4.23	Fork carriage ISO 2328 (class/form) A/B			
4.26Distance between wheel arms/loading surfacesb44.28Maximum outreachm24.34Aisle width for 800 x 1200 pallet lengthwaysAst4.35Turning radiusWaPerformances5.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.7Gradeability (laden / unladen)5.9Acceleration time (laden / unladen)5.10Service brakeTransmission typeImage: Colspan="2">Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2">Colspan="2"Colspa	4.24	Fork carriage width	b3		
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4.35    Tuming radius    Wa      Performances    Image: Second Seco	4.32	Ground clearance at centre of wheelbase	m2		
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5.3    Lowering speed (laden / unladen)      5.7    Gradeability (laden / unladen)      5.9    Acceleration time (laden / unladen)      5.10    Service brake      Transmission type    Image: Comparison of the service brake      7.1    Engine      7.2    I.C. Engine power rating      7.3    Rated speed      7.4    Number of cylinders / Capacity of cylinders      Miscellaneous    Image: Comparison of the service of th	5.1	Travel speed (laden / unladen)			
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5.9    Acceleration time (laden / unladen)      5.10    Service brake      Transmission type    Image: Comparison type      Engine    Image: Comparison type      7.1    Engine brand / norm / model      7.2    I.C. Engine power rating      7.3    Rated speed      7.4    Number of cylinders / Capacity of cylinders      Miscellaneous    Image: Comparison type for attachments      8.1    Type of drive control      8.2    Working hydraulic pressure for attachments      0 il flow rate for attachments    Image: Comparison type for attachments	5.3	Lowering speed (laden / unladen)			
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Miscellaneous    8.1  Type of drive control    8.2  Working hydraulic pressure for attachments    8.3  Oil flow rate for attachments	7.3	Rated speed			
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			
8.2  Working hydraulic pressure for attachments    8.3  Oil flow rate for attachments		Miscellaneous			
8.3 Oil flow rate for attachments	8.1	Type of drive control			
	8.2	Working hydraulic pressure for attachments			
8.4 Sound level at the driver's ear according to DIN 12 053	8.3	Oil flow rate for attachments			
	8.4	Sound level at the driver's ear according to DIN 12 053			

Γ5	Created	on September 15, 2025 at 10:08 PM UTC
		Metric
		MANITOU
		TMM 20 ST5
		Pantograph
		Diesel
		Seated
ç		2000 kg
ч С		500 mm
ĸ		490 mm
y		1598 mm
,		
		FVD 30
		2290 kg
		3050 kg / 1240 kg
		1050 kg / 1240 kg
		···· ··· ··· ··· ··· ·················
		Pneumatic
		27x10-12 IC30
		27x10-12 IC30
		2 / 1
		2 / 1
10		2151 mm
3		4200 mm
6		2120 mm
7		1070 mm
1		2650 mm
1		2406 mm
e / I		40 mm x 122 mm x 1200 mm
		2A
3		1260 mm
5		1165 mm
4		1600 mm
		1000 mm
12		272 mm
st		3363 mm
/a		2463 mm
		9.40 km/h - 9.50 km/h
		0.26 m/s / 0.24 m/s
		0.38 m/s / 0.24 m/s
		56 % / 51 %
		4.10 s / 2.60 s
		Hydraulic brakes by loss of pressure
		Hydrostatic
		Kubota - Stage V / D1105-E4B-MNT-2
		18.50 kW
		3000 rpm
		3 - 1123 cm³
		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	FVD 42
		h1 - Mast lowered height	mm	2352	2702	3090
		h3 - Mast lifting height	mm	3000	3600	4200
		h4 - Mast extended height	mm	4455	5055	5695
Residual Capacity (Maximum Height & LC = 600 mm)	Simple Reach	Pantograph reach in	kg	2000	2000	2500
		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	
		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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