Technical sheet :

## **TMM 25 ST5**

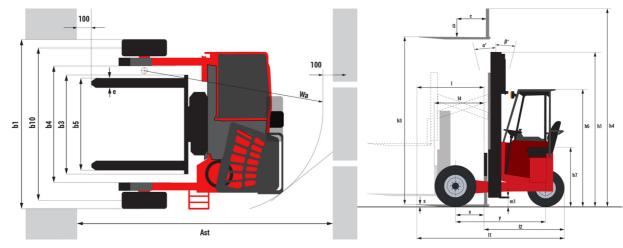




	Technical descented at a
1.1	Technical characteristics Manufacturer
1.1	Model Name
.2.1	
1.3	Reach out equipment Power source
1.3	
1.4	Operator type
	Max. capacity
1.6	Load center of gravity
1.8	Load distance, centre of drive axle to fork
1.9	Wheelbase
	Weight
	Standard mast reference of the machine
2.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
2.3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
3.1	Tires type
3.2	Dimensions of front wheels
3.3	Dimensions of rear wheels
3.5	Number of front wheels / rear wheels
8.5.2	Drive wheels (front / rear)
3.6	Front wheel gauge
	Dimensions
4.4	Max. lifting height
4.7	Height of overhead guard (cabin)
4.8	Seat height/stand height
4.19	Overall length
.21	Overall width
1.22	Forks section / width / length
1.23	Fork carriage ISO 2328 (class/form) A/B
4.24	Fork carriage width
4.26	Distance between support arms
4.26	Distance between wheel arms/loading surfaces
4.28	Maximum outreach
4.34	Aisle width for 800 x 1200 pallet lengthways
4.35	Turning radius
	Performances
5.1	Travel speed (laden / unladen)
5.2	Lifting speed (laden / unladen)
5.3	Lowering speed (laden / unladen)
5.7	Gradeability (laden / unladen)
5.9	Acceleration time (laden / unladen)
.10	Service brake
	Transmission type
	Engine
.1	Engine brand / norm / model
.2	I.C. Engine power rating
.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
.3	Sound level at the driver's ear according to DIN 12 053

Metic           MANITOU           TMM 25 ST5           Pantograph           Diesel           Q           Seated           Q           Solo nm           x           490 nm           y           1598 nm           Prior           Solo Staft           y           1598 nm           Prior           Solo Staft           Y           Solo Staft           Prior           Solo Staft           Y           Solo Staft           Y           Solo Staft           Solo Staft           Solo Staft           Total Staft           Solo Staft           Dio           Zift           Solo Staft           Dio           Solo Staft           Solo Staft           Solo Staft           Solo Staft           Solo Staft	TMM 25 ST5	Created on August 12, 2025 at 2:40 PM UTC																																																																																																															
MANITOU           TMM 25 ST5           Pantograph           Diesel           Seated           Q           c           X           490 mm           y           1598 mm           Y           1085 kg / 1255 kg           1085 kg / 1255 kg           1085 kg / 1250 kg           Y           1085 kg / 1250 kg           Y           Y           Y           Y           Y           Y           Y           Y           Y           Y           Y           Y		Metric																																																																																																															
Pantograph           Diesel           Seated           Q         2500 kg           c         500 mm           x         490 mm           y         1598 mm           PNU 30         2340 kg           23585 kg / 1255 kg         1085 kg / 1255 kg           1085 kg / 1255 kg         27X10-12 IC30           2/7X10-12 IC30         2/1           2/1         2/1           b10         2151 mm           b10         2151 mm           b10         2151 mm           b10         2151 mm           b11         2400 mm           b12         2/1           b13         4200 mm           h6         2120 mm           h7         1070 mm           l1         2650 nm           b1         2406 mm           b2         1165 mm           b3         1260 mm           b3         1260 mm           b4         1600 mm           b5         1165 mm           b4         1600 mm           b5         1165 mm           b4         1600 mm           b1         2.26 ms/ 0.21 m/s																																																																																																																	
Diesel           Seated           Q         2500 kg           c         500 nm           x         490 nm           y         1598 nm           y         1598 nm           FVD 30         2340 kg           2340 kg         3585 kg / 1255 kg           1085 kg / 1255 kg         1085 kg / 1255 kg           Pneumatic         27X10-12 IC30           2 / 1         2 / 1           b10         2151 nm           k1         2 / 1           b10         2151 nm           k3         4200 nm           h6         2120 nm           h7         1070 nm           11         2650 nm           b1         2406 nm           s / e / 1         40 mm x 122 mm x 1200 mm           k3         1260 nm           b3         1260 nm           b4         1000 nm           b5         1165 mm           b4 <th></th> <th>TMM 25 ST5</th>		TMM 25 ST5																																																																																																															
Q         Seated           Q         2500 kg           c         500 mm           x         490 mm           y         1598 mm           y         1598 mm           PVD 30         2340 kg           2340 kg         3585 kg / 1255 kg           1085 kg / 1255 kg         1085 kg / 1255 kg           1085 kg / 1255 kg         27X10-12 lC30           27X10-12 lC30         2/1           2/1         2/1           b10         2151 mm           a         4200 mm           h6         2120 nm           h7         1070 nm           11         2650 mm           b1         2406 mm           s / e / l         40 mm x 122 mm x 1200 mm           b1         2406 mm           s / e / l         40 mm x 122 mm x 1200 mm           b3         1260 mm           b4         1600 mm           b5         1165 mm           b4         1000 mm           Ast         3363 mm           Wa         2463 mm           U         0.26 m/s / 0.24 m/s           0.38 m/s / 0.21 m/s         50 % / 51 %           Kubota - Stage V / D1105-E		Pantograph																																																																																																															
Q         2500 kg           c         500 mm           x         490 mm           y         1598 mm           FVD 30         2340 kg           2340 kg         3585 kg / 1255 kg           1085 kg / 1255 kg         1085 kg / 1255 kg           27X10-12 IC30         2/X10-12 IC30           2/X10-12 IC30         2/1           2/X10-12 IC30         2/1           2/X10-12 IC30         2/1           10         2151 mm           4         2/1           b10         2151 mm           b10         2151 mm           b11         2650 mm           b12         2406 mm           5/e / 1         40 mm x 122 mm x 1200 mm           b1         2406 mm           5/e / 1         40 mm x 122 mm x 1200 mm           b5         1165 mm           b4         1600 mm           b5         1165 mm           b4         1600 mm           waa         2463 mm           Waa         2463 mm           Waa         2463 mm           Waa         2463 mm           0.38 m/s / 0.21 m/s           S0 % / 51 %           Kubo		Diesel																																																																																																															
c         500 mm           x         490 mm           y         1598 mm           FVD 30         2340 kg           2340 kg         3585 kg / 1255 kg           1085 kg / 1255 kg         1085 kg / 1255 kg           27X10-12 IC30         2/1           2/1         2/1           b10         2151 mm           kg         2/1           b10         2150 mm           b1         200 mm           h7         1070 mm           11         2650 mm           b1         2406 mm           s         / e / 1           b3         1260 mm           b4         1600 mm           b5         1165 mm           b4         1600 mm           b5         1165 mm           b4         1000 mm           a50 % / 51 %         30363 mm           Wa         2463 mm           G         0.38 m/s / 0.21 m/s		Seated																																																																																																															
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FVD 30           2340 kg           3585 kg / 1255 kg           1085 kg / 1255 kg           1085 kg / 1255 kg           27X10-12 (C30           27X10-12 (C30           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           10/1           2/20 mm           5/2           1/2           3/3           1/2           1/2           2/2           3/3	x	490 mm																																																																																																															
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2340 kg         3585 kg / 1255 kg         1085 kg / 1255 kg         27X10-12 IC30         27X10-12 IC30         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1 <t< th=""><th></th><th></th></t<>																																																																																																																	
3585 kg / 1255 kg         1085 kg / 1255 kg         Pneumatic         27X10-12 IC30         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         10/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1         2/1      2/1        10.60 km/h - 1		FVD 30																																																																																																															
1085 kg / 1255 kg           Pneumatic           27X10-12 IC30           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           105           11           2/200mm           5/200mm           2/200mm           11           2/200mm           3/200mm           3/200mm           10.60 km/h - 10.70 km/h		2340 kg																																																																																																															
1085 kg / 1255 kg           Pneumatic           27X10-12 IC30           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           2/1           105           11           2/200mm           5/200mm           2/200mm           11           2/200mm           3/200mm           3/200mm           10.60 km/h - 10.70 km/h		3585 kg / 1255 kg																																																																																																															
27X10-12 IC30         2/1         2/1         2/1         b10         2151 mm         h3         4200 mm         h6         2120 mm         h7         1070 mm         11         2650 mm         b1         2406 mm         s/e/l         40 mm x 122 mm x 1200 mm         s/e/l         40 mm x 122 mm x 1200 mm         s/e/l         40 mm x 122 mm x 1200 mm         b3         1260 mm         b5         1165 mm         b4         1000 mm         Ast         3363 mm         Wa         2463 mm         Wa         0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s         50 % / 51 %         4.10 s / 2.60 s         Hydraulic brakes by loss of pressure         Hydrostatic         18.50 kW         3000 pm         3-1123 cm³         Cable         190 bar         43 l/min																																																																																																																	
27X10-12 IC30         2/1         2/1         2/1         b10         2151 mm         h3         4200 mm         h6         2120 mm         h7         1070 mm         11         2650 mm         b1         2406 mm         s/e/l         40 mm x 122 mm x 1200 mm         s/e/l         40 mm x 122 mm x 1200 mm         s/e/l         40 mm x 122 mm x 1200 mm         b3         1260 mm         b5         1165 mm         b4         1000 mm         Ast         3363 mm         Wa         2463 mm         Wa         0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s         50 % / 51 %         4.10 s / 2.60 s         Hydraulic brakes by loss of pressure         Hydrostatic         18.50 kW         3000 pm         3-1123 cm³         Cable         190 bar         43 l/min																																																																																																																	
27X10-12 IC30         2 / 1         2 / 1         b10         2151 mm         h3         4200 mm         h6         2120 mm         h7         1070 mm         11         2650 mm         b1         2406 mm         s / e / 1         40 mm x 122 mm x 1200 mm         s / e / 1         2406 mm         s / e / 1         2406 mm         s / e / 1         240 mm x 122 mm x 1200 mm         s / e / 1         240 mm x 122 mm x 1200 mm         s / e / 1         240 mm x 122 mm x 1200 mm         b3       1260 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s         50 % / 51 %         4.10 s / 2.60 s         Hydraulic brakes by loss of pressure         Hydrostatic         18.50 kW         3000 pm         3 - 1123 cm³         Cable         190 bar <tr <="" th=""><th></th><th>Pneumatic</th></tr> <tr><th>2 / 1 2 / 1 b10 2151 mm h3 4200 mm h6 2120 mm h7 1070 mm 11 2650 mm b1 2406 mm s / e / 1 40 mm x 122 mm x 1200 mm 2A b3 1260 mm b5 1165 mm b4 1000 mm A5 10.60 km/h - 10.70 km/h 0.26 m/s / 0.24 m/s 0.38 m/s / 0.21 m/s 50 % / 51 % 4.10 s / 2.60 s Hydraulic brakes by loss of pressure Hydrostatic Hydrostatic 10.60 km/h 10.10 s f pressure Hydrostatic Hydrostatic 10.50 kW 3000 rpm 3 - 1123 cm<sup>3</sup></th><th></th><th>27X10-12 IC30</th></tr> <tr><th>2 / 1         b10       2151 mm         h3       4200 mm         h6       2120 mm         h7       1070 mm         h7       1070 mm         b1       2406 mm         s / e / I       40 mm x 122 mm x 1200 mm         b3       1260 mm         b5       1165 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         U       0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure       Hydrostatic         U       3000 rpm       3 - 1123 cm<sup>3</sup>         Cable       190 bar       43 l/min</th><th></th><th>27X10-12 IC30</th></tr> <tr><th>b10         2151 mm           h3         4200 mm           h6         2120 mm           h7         1070 mm           h1         2650 mm           b1         2406 mm           s / e / l         40 mm x 122 mm x 1200 mm           b3         1260 mm           b5         1165 mm           b4         1600 mm           b4         1600 mm           b4         1000 mm           Ast         3363 mm           Wa         2463 mm           I         0.26 m/s / 0.24 m/s           0.38 m/s / 0.21 m/s         50 % / 51 %           4.10 s / 2.60 s         Hydraulic brakes by loss of pressure           Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure           Kubota - Stage V / D1105-E4B-MNT-2         18.50 kW           3000 pm         3 - 1123 cm<sup>3</sup>           Cable         190 bar           190 bar         43 l/min</th><th></th><th>2 / 1</th></tr> <tr><th>h3       4200 mm         h6       2120 mm         h7       1070 mm         11       2650 mm         b1       2406 mm         s / e / I       40 mm x 122 mm x 1200 mm         2A       23         b3       1260 mm         b5       1165 mm         b4       1600 mm         Ast       3363 mm         Wa       2463 mm         U       0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure       Hydrostatic         S0 % / 51 %       3000 pm         3.1123 cm<sup>3</sup>       Cable         190 bar       43 l/min</th><th></th><th>2 / 1</th></tr> <tr><th>h6         2120 mm           h7         1070 mm           l1         2650 mm           b1         2406 mm           s / e / l         40 mm x 122 mm x 1200 mm           b3         1260 mm           b5         1165 mm           b4         1600 mm           b4         1600 mm           Ast         3363 mm           Wa         2463 mm           I         0.26 m/s / 0.24 m/s           0.38 m/s / 0.21 m/s         50 % / 51 %           4.10 s / 2.60 s         Hydraulic brakes by loss of pressure           Hydraulic brakes by loss of pressure         Hydrostatic           S000 pm         3.000 pm           3.1123 cm<sup>3</sup>         Cable           190 bar         43 l/min</th><th>b10</th><th>2151 mm</th></tr> <tr><th>h6         2120 mm           h7         1070 mm           l1         2650 mm           b1         2406 mm           s / e / l         40 mm x 122 mm x 1200 mm           b3         1260 mm           b5         1165 mm           b4         1600 mm           b4         1600 mm           Ast         3363 mm           Wa         2463 mm           I         0.26 m/s / 0.24 m/s           0.38 m/s / 0.21 m/s         50 % / 51 %           4.10 s / 2.60 s         Hydraulic brakes by loss of pressure           Hydraulic brakes by loss of pressure         Hydrostatic           S000 pm         3.000 pm           3.1123 cm<sup>3</sup>         Cable           190 bar         43 l/min</th><th></th><th></th></tr> <tr><th>h7       1070 mm         11       2650 mm         b1       2406 mm         s / e / 1       40 mm x 122 mm x 1200 mm         2A       2A         b3       1260 mm         b5       1165 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         0.26 m/s / 0.24 m/s       0.38 m/s / 0.21 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure       Hydrostatic         S0 % / 51 %       3000 rpm         3.1123 cm<sup>3</sup>       Cable         190 bar       43 l/min</th><th>h3</th><th>4200 mm</th></tr> <tr><th>11       2650 mm         b1       2406 mm         s / e / 1       40 mm x 122 mm x 1200 mm         2A       2A         b3       1260 mm         b5       1165 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         Main       0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure       Hydrostatic         Kubota - Stage V / D1105-E4B-MNT-2       18.50 kW         3000 pm       3 - 1123 cm<sup>3</sup>         Cable       190 bar         190 bar       43 l/min</th><th>h6</th><th>2120 mm</th></tr> <tr><th>b1       2406 mm         s / e / I       40 mm x 122 mm x 1200 mm         b3       1260 mm         b5       1165 mm         b4       1600 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         U       0.60 km/h - 10.70 km/h         0.26 m/s / 0.24 m/s       0.38 m/s / 0.21 m/s         50 % / 51 %       4.10 s / 2.60 s         Hydraulic brakes by loss of pressure       Hydrostatic         U       10.400 km/h         Kubota - Stage V / D1105-E4B-MNT-2       18.50 kW         3000 pm       3 - 1123 cm<sup>3</sup>         Cable       190 bar         190 bar       43 l/min</th><th>h7</th><th>1070 mm</th></tr> <tr><th>s / e / l       40 mm x 122 mm x 1200 mm         b3       1260 mm         b5       1165 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         0.60 km/h - 10.70 km/h       0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure       Hydrostatic         Kubota - Stage V / D1105-E4B-MNT-2         18.50 kW       3000 rpm         3.1123 cm<sup>3</sup>       Cable         190 bar       43 l/min</th><th>11</th><th>2650 mm</th></tr> <tr><th>2A         b3       1260 mm         b5       1165 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         Wa       2463 mm         0.60 km/h - 10.70 km/h         0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s         50 % / 51 %         4.10 s / 2.60 s         Hydraulic brakes by loss of pressure         Hydrostatic         18.50 kW         3000 rpm         3 - 1123 cm³         Cable         190 bar         43 l/min</th><th>b1</th><th>2406 mm</th></tr> <tr><th>b3       1260 mm         b5       1165 mm         b4       1600 mm         1000 mm       1000 mm         Ast       3363 mm         Wa       2463 mm         U       0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s       0.38 m/s / 0.21 m/s         50 % / 51 %       4.10 s / 2.60 s         Hydraulic brakes by loss of pressure       Hydrostatic         U       U       U         S0 % / 51 %       18.50 kW         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U</th><th>s / e / l</th><th>40 mm x 122 mm x 1200 mm</th></tr> <tr><th>b5       1165 mm         b4       1600 mm         1000 mm       1000 mm         Ast       3363 mm         Wa       2463 mm         0       0.26 m/s / 0.24 m/s         0.26 m/s / 0.24 m/s       0.38 m/s / 0.21 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure       Hydrostatic         Kubota - Stage V / D1105-E4B-MNT-2       18.50 kW         3000 pm       3 - 1123 cm³         Cable       190 bar         190 bar       43 l/min</th><th></th><th>2A</th></tr> <tr><th>b4 1600 mm Ast 1000 mm Ast 3363 mm Wa 2463 mm Wa 0.463 mm 10.60 km/h - 10.70 km/h 0.26 m/s / 0.24 m/s 0.38 m/s / 0.21 m/s 50 % / 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 cm<sup>3</sup> Cable 190 bar 43 l/min</th><th>b3</th><th>1260 mm</th></tr> <tr><th>1000 mm         Ast       3363 mm         Wa       2463 mm         Image: Imag</th><th>b5</th><th>1165 mm</th></tr> <tr><th>Ast       3363 mm         Wa       2463 mm         10.60 km/h - 10.70 km/h       0.26 m/s / 0.24 m/s         0.26 m/s / 0.24 m/s       0.38 m/s / 0.21 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       4.10 s / 2.60 s         Hydraulic brakes by loss of pressure         Hydrostatic       18.50 kW         S000 rpm         3000 rpm       3 - 1123 cm<sup>3</sup>         Cable       190 bar         190 bar       43 l/min</th><th>b4</th><th>1600 mm</th></tr> <tr><th>Wa         2463 mm           International Internatinternational Internatinternatine</th><th></th><th>1000 mm</th></tr> <tr><th>10.60 km/h - 10.70 km/h         0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s         50 % / 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 cm<sup>3</sup>         Cable         190 bar         43 l/min</th><th>Ast</th><th>3363 mm</th></tr> <tr><th>0.26 m/s / 0.24 m/s 0.38 m/s / 0.21 m/s 50 % / 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 cm<sup>3</sup> Cable 190 bar 43 l/min</th><th>Wa</th><th>2463 mm</th></tr> <tr><th>0.26 m/s / 0.24 m/s 0.38 m/s / 0.21 m/s 50 % / 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 cm<sup>3</sup> Cable 190 bar 43 l/min</th><th></th><th></th></tr> <tr><th>0.38 m/s / 0.21 m/s         50 % / 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 cm<sup>3</sup>         Cable         190 bar         43 l/min</th><th></th><th>10.60 km/h - 10.70 km/h</th></tr> <tr><th>50 % / 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 cm<sup>3</sup> Cable 190 bar 43 l/min</th><th></th><th>0.26 m/s / 0.24 m/s</th></tr> <tr><th>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 cm<sup>3</sup> Cable 190 bar 43 l/min</th><th></th><th>0.38 m/s / 0.21 m/s</th></tr> <tr><th>Hydraulic brakes by loss of pressure Hydrostatic Kubota - Stage V / D1105-E4B-MNT-2 18.50 kW 3000 rpm 3 - 1123 cm<sup>3</sup> Cable 190 bar 43 l/min</th><th></th><th>50 % / 51 %</th></tr> <tr><th>Hydrostatic Kubota - Stage V / D1105-E4B-MNT-2 18.50 kW 3000 rpm 3 - 1123 cm<sup>3</sup> Cable 190 bar 43 l/min</th><th></th><th>4.10 s / 2.60 s</th></tr> <tr><th>Kubota - Stage V / D1105-E4B-MNT-2 18.50 kW 3000 rpm 3 - 1123 cm<sup>3</sup> Cable 190 bar 43 l/min</th><th></th><th>Hydraulic brakes by loss of pressure</th></tr> <tr><th>18.50 kW 3000 rpm 3 - 1123 cm<sup>3</sup> Cable 190 bar 43 l/min</th><th></th><th>Hydrostatic</th></tr> <tr><th>18.50 kW 3000 rpm 3 - 1123 cm<sup>3</sup> Cable 190 bar 43 l/min</th><th></th><th></th></tr> <tr><th>3000 rpm 3 - 1123 cm³ Cable 190 bar 43 l/min</th><th></th><th>Kubota - Stage V / D1105-E4B-MNT-2</th></tr> <tr><th>3 - 1123 cm³ Cable 190 bar 43 I/min</th><th></th><th>18.50 kW</th></tr> <tr><th>Cable 190 bar 43 I/min</th><th></th><th>3000 rpm</th></tr> <tr><th>190 bar 43 I/min</th><th></th><th>3 - 1123 cm³</th></tr> <tr><th>190 bar 43 I/min</th><th></th><th></th></tr> <tr><th>43 l/min</th><th></th><th>Cable</th></tr> <tr><th></th><th></th><th>190 bar</th></tr> <tr><th>84 dB</th><th></th><th>43 I/min</th></tr> <tr><th></th><th></th><th>84 dB</th></tr>		Pneumatic	2 / 1 2 / 1 b10 2151 mm h3 4200 mm h6 2120 mm h7 1070 mm 11 2650 mm b1 2406 mm s / e / 1 40 mm x 122 mm x 1200 mm 2A b3 1260 mm b5 1165 mm b4 1000 mm A5 10.60 km/h - 10.70 km/h 0.26 m/s / 0.24 m/s 0.38 m/s / 0.21 m/s 50 % / 51 % 4.10 s / 2.60 s Hydraulic brakes by loss of pressure Hydrostatic Hydrostatic 10.60 km/h 10.10 s f pressure Hydrostatic Hydrostatic 10.50 kW 3000 rpm 3 - 1123 cm <sup>3</sup>		27X10-12 IC30	2 / 1         b10       2151 mm         h3       4200 mm         h6       2120 mm         h7       1070 mm         h7       1070 mm         b1       2406 mm         s / e / I       40 mm x 122 mm x 1200 mm         b3       1260 mm         b5       1165 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         U       0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure       Hydrostatic         U       3000 rpm       3 - 1123 cm <sup>3</sup> Cable       190 bar       43 l/min		27X10-12 IC30	b10         2151 mm           h3         4200 mm           h6         2120 mm           h7         1070 mm           h1         2650 mm           b1         2406 mm           s / e / l         40 mm x 122 mm x 1200 mm           b3         1260 mm           b5         1165 mm           b4         1600 mm           b4         1600 mm           b4         1000 mm           Ast         3363 mm           Wa         2463 mm           I         0.26 m/s / 0.24 m/s           0.38 m/s / 0.21 m/s         50 % / 51 %           4.10 s / 2.60 s         Hydraulic brakes by loss of pressure           Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure           Kubota - Stage V / D1105-E4B-MNT-2         18.50 kW           3000 pm         3 - 1123 cm <sup>3</sup> Cable         190 bar           190 bar         43 l/min		2 / 1	h3       4200 mm         h6       2120 mm         h7       1070 mm         11       2650 mm         b1       2406 mm         s / e / I       40 mm x 122 mm x 1200 mm         2A       23         b3       1260 mm         b5       1165 mm         b4       1600 mm         Ast       3363 mm         Wa       2463 mm         U       0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure       Hydrostatic         S0 % / 51 %       3000 pm         3.1123 cm <sup>3</sup> Cable         190 bar       43 l/min		2 / 1	h6         2120 mm           h7         1070 mm           l1         2650 mm           b1         2406 mm           s / e / l         40 mm x 122 mm x 1200 mm           b3         1260 mm           b5         1165 mm           b4         1600 mm           b4         1600 mm           Ast         3363 mm           Wa         2463 mm           I         0.26 m/s / 0.24 m/s           0.38 m/s / 0.21 m/s         50 % / 51 %           4.10 s / 2.60 s         Hydraulic brakes by loss of pressure           Hydraulic brakes by loss of pressure         Hydrostatic           S000 pm         3.000 pm           3.1123 cm <sup>3</sup> Cable           190 bar         43 l/min	b10	2151 mm	h6         2120 mm           h7         1070 mm           l1         2650 mm           b1         2406 mm           s / e / l         40 mm x 122 mm x 1200 mm           b3         1260 mm           b5         1165 mm           b4         1600 mm           b4         1600 mm           Ast         3363 mm           Wa         2463 mm           I         0.26 m/s / 0.24 m/s           0.38 m/s / 0.21 m/s         50 % / 51 %           4.10 s / 2.60 s         Hydraulic brakes by loss of pressure           Hydraulic brakes by loss of pressure         Hydrostatic           S000 pm         3.000 pm           3.1123 cm <sup>3</sup> Cable           190 bar         43 l/min			h7       1070 mm         11       2650 mm         b1       2406 mm         s / e / 1       40 mm x 122 mm x 1200 mm         2A       2A         b3       1260 mm         b5       1165 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         0.26 m/s / 0.24 m/s       0.38 m/s / 0.21 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure       Hydrostatic         S0 % / 51 %       3000 rpm         3.1123 cm <sup>3</sup> Cable         190 bar       43 l/min	h3	4200 mm	11       2650 mm         b1       2406 mm         s / e / 1       40 mm x 122 mm x 1200 mm         2A       2A         b3       1260 mm         b5       1165 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         Main       0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure       Hydrostatic         Kubota - Stage V / D1105-E4B-MNT-2       18.50 kW         3000 pm       3 - 1123 cm <sup>3</sup> Cable       190 bar         190 bar       43 l/min	h6	2120 mm	b1       2406 mm         s / e / I       40 mm x 122 mm x 1200 mm         b3       1260 mm         b5       1165 mm         b4       1600 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         U       0.60 km/h - 10.70 km/h         0.26 m/s / 0.24 m/s       0.38 m/s / 0.21 m/s         50 % / 51 %       4.10 s / 2.60 s         Hydraulic brakes by loss of pressure       Hydrostatic         U       10.400 km/h         Kubota - Stage V / D1105-E4B-MNT-2       18.50 kW         3000 pm       3 - 1123 cm <sup>3</sup> Cable       190 bar         190 bar       43 l/min	h7	1070 mm	s / e / l       40 mm x 122 mm x 1200 mm         b3       1260 mm         b5       1165 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         0.60 km/h - 10.70 km/h       0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure       Hydrostatic         Kubota - Stage V / D1105-E4B-MNT-2         18.50 kW       3000 rpm         3.1123 cm <sup>3</sup> Cable         190 bar       43 l/min	11	2650 mm	2A         b3       1260 mm         b5       1165 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         Wa       2463 mm         0.60 km/h - 10.70 km/h         0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s         50 % / 51 %         4.10 s / 2.60 s         Hydraulic brakes by loss of pressure         Hydrostatic         18.50 kW         3000 rpm         3 - 1123 cm³         Cable         190 bar         43 l/min	b1	2406 mm	b3       1260 mm         b5       1165 mm         b4       1600 mm         1000 mm       1000 mm         Ast       3363 mm         Wa       2463 mm         U       0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s       0.38 m/s / 0.21 m/s         50 % / 51 %       4.10 s / 2.60 s         Hydraulic brakes by loss of pressure       Hydrostatic         U       U       U         S0 % / 51 %       18.50 kW         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U	s / e / l	40 mm x 122 mm x 1200 mm	b5       1165 mm         b4       1600 mm         1000 mm       1000 mm         Ast       3363 mm         Wa       2463 mm         0       0.26 m/s / 0.24 m/s         0.26 m/s / 0.24 m/s       0.38 m/s / 0.21 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure       Hydrostatic         Kubota - Stage V / D1105-E4B-MNT-2       18.50 kW         3000 pm       3 - 1123 cm³         Cable       190 bar         190 bar       43 l/min		2A	b4 1600 mm Ast 1000 mm Ast 3363 mm Wa 2463 mm Wa 0.463 mm 10.60 km/h - 10.70 km/h 0.26 m/s / 0.24 m/s 0.38 m/s / 0.21 m/s 50 % / 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 cm <sup>3</sup> Cable 190 bar 43 l/min	b3	1260 mm	1000 mm         Ast       3363 mm         Wa       2463 mm         Image: Imag	b5	1165 mm	Ast       3363 mm         Wa       2463 mm         10.60 km/h - 10.70 km/h       0.26 m/s / 0.24 m/s         0.26 m/s / 0.24 m/s       0.38 m/s / 0.21 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       4.10 s / 2.60 s         Hydraulic brakes by loss of pressure         Hydrostatic       18.50 kW         S000 rpm         3000 rpm       3 - 1123 cm <sup>3</sup> Cable       190 bar         190 bar       43 l/min	b4	1600 mm	Wa         2463 mm           International Internatinternational Internatinternatine		1000 mm	10.60 km/h - 10.70 km/h         0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s         50 % / 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 cm <sup>3</sup> Cable         190 bar         43 l/min	Ast	3363 mm	0.26 m/s / 0.24 m/s 0.38 m/s / 0.21 m/s 50 % / 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 cm <sup>3</sup> Cable 190 bar 43 l/min	Wa	2463 mm	0.26 m/s / 0.24 m/s 0.38 m/s / 0.21 m/s 50 % / 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 cm <sup>3</sup> Cable 190 bar 43 l/min			0.38 m/s / 0.21 m/s         50 % / 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 cm <sup>3</sup> Cable         190 bar         43 l/min		10.60 km/h - 10.70 km/h	50 % / 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 cm <sup>3</sup> Cable 190 bar 43 l/min		0.26 m/s / 0.24 m/s	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 cm <sup>3</sup> Cable 190 bar 43 l/min		0.38 m/s / 0.21 m/s	Hydraulic brakes by loss of pressure Hydrostatic Kubota - Stage V / D1105-E4B-MNT-2 18.50 kW 3000 rpm 3 - 1123 cm <sup>3</sup> Cable 190 bar 43 l/min		50 % / 51 %	Hydrostatic Kubota - Stage V / D1105-E4B-MNT-2 18.50 kW 3000 rpm 3 - 1123 cm <sup>3</sup> Cable 190 bar 43 l/min		4.10 s / 2.60 s	Kubota - Stage V / D1105-E4B-MNT-2 18.50 kW 3000 rpm 3 - 1123 cm <sup>3</sup> Cable 190 bar 43 l/min		Hydraulic brakes by loss of pressure	18.50 kW 3000 rpm 3 - 1123 cm <sup>3</sup> Cable 190 bar 43 l/min		Hydrostatic	18.50 kW 3000 rpm 3 - 1123 cm <sup>3</sup> Cable 190 bar 43 l/min			3000 rpm 3 - 1123 cm³ Cable 190 bar 43 l/min		Kubota - Stage V / D1105-E4B-MNT-2	3 - 1123 cm³ Cable 190 bar 43 I/min		18.50 kW	Cable 190 bar 43 I/min		3000 rpm	190 bar 43 I/min		3 - 1123 cm³	190 bar 43 I/min			43 l/min		Cable			190 bar	84 dB		43 I/min			84 dB
	Pneumatic																																																																																																																
2 / 1 2 / 1 b10 2151 mm h3 4200 mm h6 2120 mm h7 1070 mm 11 2650 mm b1 2406 mm s / e / 1 40 mm x 122 mm x 1200 mm 2A b3 1260 mm b5 1165 mm b4 1000 mm A5 10.60 km/h - 10.70 km/h 0.26 m/s / 0.24 m/s 0.38 m/s / 0.21 m/s 50 % / 51 % 4.10 s / 2.60 s Hydraulic brakes by loss of pressure Hydrostatic Hydrostatic 10.60 km/h 10.10 s f pressure Hydrostatic Hydrostatic 10.50 kW 3000 rpm 3 - 1123 cm <sup>3</sup>		27X10-12 IC30																																																																																																															
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h7       1070 mm         11       2650 mm         b1       2406 mm         s / e / 1       40 mm x 122 mm x 1200 mm         2A       2A         b3       1260 mm         b5       1165 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         0.26 m/s / 0.24 m/s       0.38 m/s / 0.21 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure       Hydrostatic         S0 % / 51 %       3000 rpm         3.1123 cm <sup>3</sup> Cable         190 bar       43 l/min	h3	4200 mm																																																																																																															
11       2650 mm         b1       2406 mm         s / e / 1       40 mm x 122 mm x 1200 mm         2A       2A         b3       1260 mm         b5       1165 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         Main       0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure       Hydrostatic         Kubota - Stage V / D1105-E4B-MNT-2       18.50 kW         3000 pm       3 - 1123 cm <sup>3</sup> Cable       190 bar         190 bar       43 l/min	h6	2120 mm																																																																																																															
b1       2406 mm         s / e / I       40 mm x 122 mm x 1200 mm         b3       1260 mm         b5       1165 mm         b4       1600 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         U       0.60 km/h - 10.70 km/h         0.26 m/s / 0.24 m/s       0.38 m/s / 0.21 m/s         50 % / 51 %       4.10 s / 2.60 s         Hydraulic brakes by loss of pressure       Hydrostatic         U       10.400 km/h         Kubota - Stage V / D1105-E4B-MNT-2       18.50 kW         3000 pm       3 - 1123 cm <sup>3</sup> Cable       190 bar         190 bar       43 l/min	h7	1070 mm																																																																																																															
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2A         b3       1260 mm         b5       1165 mm         b4       1600 mm         b4       1000 mm         Ast       3363 mm         Wa       2463 mm         Wa       2463 mm         0.60 km/h - 10.70 km/h         0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s         50 % / 51 %         4.10 s / 2.60 s         Hydraulic brakes by loss of pressure         Hydrostatic         18.50 kW         3000 rpm         3 - 1123 cm³         Cable         190 bar         43 l/min	b1	2406 mm																																																																																																															
b3       1260 mm         b5       1165 mm         b4       1600 mm         1000 mm       1000 mm         Ast       3363 mm         Wa       2463 mm         U       0.26 m/s / 0.24 m/s         0.38 m/s / 0.21 m/s       0.38 m/s / 0.21 m/s         50 % / 51 %       4.10 s / 2.60 s         Hydraulic brakes by loss of pressure       Hydrostatic         U       U       U         S0 % / 51 %       18.50 kW         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U         U       U       U	s / e / l	40 mm x 122 mm x 1200 mm																																																																																																															
b5       1165 mm         b4       1600 mm         1000 mm       1000 mm         Ast       3363 mm         Wa       2463 mm         0       0.26 m/s / 0.24 m/s         0.26 m/s / 0.24 m/s       0.38 m/s / 0.21 m/s         0.38 m/s / 0.21 m/s       50 % / 51 %         4.10 s / 2.60 s       Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure       Hydrostatic         Kubota - Stage V / D1105-E4B-MNT-2       18.50 kW         3000 pm       3 - 1123 cm³         Cable       190 bar         190 bar       43 l/min		2A																																																																																																															
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## TMM 25 ST5 - Dimensional drawing



## Characteristics of masts and residual capacities

		Full Visibility Duplex (FVD)		FVD 30	FVD 36	FVD 42
		h1 - Mast lowered height	mm	2392	2742	3090
		h3 - Mast lifting height	mm	3000	3600	4200
		h4 - Mast extended height	mm	4495	5095	5695
Residual Capacity (Maximum Height & LC = 600 mm)	Simple Reach	Pantograph reach in	kg	2500	2500	2500
		Pantograph reach out with stabilizers	kg	2000	1950	
		Pantograph reach out without stabilizers	kg	1050	1000	
		Telescopic forks reach in	kg	2500	2500	
		Telescopic Forks reach out with stabilizers	kg	1350	1300	
		Telescopic Forks reach out without stabilizers	kg	1150	1100	
	Double Reach	Pantograph & TF reach in	kg	2500	2500	
		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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