Technical sheet :

## MC 30-2 ST5

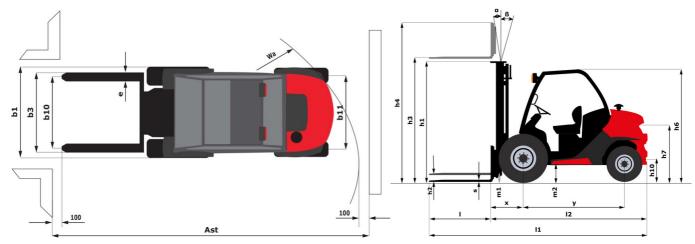




	To destand a loss statistics	_
1 1	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	
1.6	Load center of gravity	
1.8	Load distance, centre of drive axle to fork	
1.9	Wheelbase	
	Weight	
	Standard mast reference of the machine	
2.1	Service 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	
3.5.2	Number of drive wheels	
3.6	Front wheel gauge	
3.7	Rear wheel gauge	
	Dimensions	
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	
4.8	Seat height/stand height	
4.19	Overall length	
4.20	Length to face of forks	
4.21	Overall width	
4.22	Forks section x width x length	
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.24	Fork carriage width	
4.31	Ground clearance below mast	
4.32	Ground clearance at centre of wheelbase	
4.33	Aisle width for 1000 x 1200 pallet widthways	
4.35	Turning radius	
	Performances	
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.5	Drawbar pull (Laden / Unladen)	
5.7	Gradeability (laden / unladen)	
5.10	Service brake	
	Transmission type	
	Engine	
7.1	Engine brand / model / norm	
7.2	I.C. Engine power rating	
7.3	Rated speed	
7.4	Number of cylinders / Capacity of cylinders	
	Miscellaneous	
8.1	Type of drive control	
8.2	Working hydraulic pressure for attachments	
8.3	Oil flow rate for attachments	
8.4	Sound level at the driver's ear according to DIN 12 053	

Metric           Manitou           MC 30-2 ST5           Diesel           Seated           Q           3000 kg           c           500 mm           x           626 mm           y           1900 mm           x           6570 kg / 650 kg           1570 kg / 2650 kg           1570 kg / 2650 kg           Pneumatic           12,5/80-18/12 SL R4           7,00-12/12 ED PLUS           2           2           b10           1159 mm           b11           1176 mm           12           3045 mm           b1           1450 mm           b1           1450 mm           12           3085 mm           b1           1450 mm           m1           300 mm           m2           320 mm           b3           12 km/h / 24.50 km/h           0.50 m/s / 0.30 m/s           1700 daN / 910 daN           24 % / 22 %           Hydrostatic	MC 30-2 ST 5	Created on June 16, 2025 at 10:05 AM UTC
MC 30-2 ST5           Diesel           Seated           Q         3000 kg           c         500 mm           x         626 mm           y         1900 mm           FVD 33         4220 kg           6570 kg / 650 kg         1570 kg / 650 kg           1570 kg / 650 kg         1570 kg / 650 kg           12,5/80-18/12 SL R4         7,00-12/12 ED PLUS           2         2           10         1159 mm           b11         1176 mm           b2         2           b3         1260 mm           m1         300 mm           m2         320 mm           b3         1260 mm           m1         300 mm           m2         320 mm           Ast         4225 mm           10 Com /s / 0.40 m/s         0.50 m/s / 0.30 m/s           10 Com /s / 0.30 m/s         1.700 daN / 910 daN           24 % / 22 %         Hydraulic brakes by loss of pressure           Hydraulic brakes by loss of pressure         Hydrostatic<		Metric
Diesel           Seated           Q         3000 kg           c         500 mm           x         626 mm           y         1900 mm           FVD 33         4220 kg           6570 kg / 650 kg         1570 kg / 2650 kg           1570 kg / 2650 kg         1570 kg / 2650 kg           2         1570 kg / 2650 kg           12,5/80-18/12 SL R4         7,00-12/12 ED PLUS           2 / 2         2           b10         1159 mm           b11         1176 mm           b11         1176 mm           i         200 mm           j         3085 mm           b11         1176 mm           i         3085 mm           b11         1450 mm           j         3085 mm           b1         1450 mm           j         j           j         j           j         300 mm           j         320 mm           j         12 km/h / 24.50 km/h           j         j         j           j         2.50 ms/s         j           j         12 km/h / 24.50 km/h           j         1150 cm		Manitou
Seated           Q         3000 kg           c         500 mm           x         626 mm           y         1900 mm           FVD 33         4220 kg           6570 kg / 650 kg         1570 kg / 2650 kg           Pneumatic         12,5/80-18/12 SL R4           7,00-12/12 ED PLUS         2 / 2           2         2           b10         1159 mm           b11         1176 mm           b12         3085 mm           b13         1260 mm           m1         300 mm           m2         320 mm           b3         1260 mm           m1         300 mm           m2         320 mm           Ast         4625 mm           wa         2650 mm           m2         320 mm           Ast         4626 mm           m4         2650 mm           m2         320 mm           Ast         4625 mm           U		MC 30-2 ST5
Q         3000 kg           c         500 mm           x         626 mm           y         1900 mm           FVD 33         4220 kg           6570 kg / 650 kg         1570 kg / 2650 kg           1570 kg / 2650 kg         12,5/80-18/12 SL R4           7,00-12/12 ED PUS         2 / 2           2         2           b10         1159 mm           b11         1176 mm           b11         1176 mm           b11         1176 mm           b11         1178 mm           b11         1176 mm           b11         1178 mm           b11         1450 mm           b11         1450 mm           b2         1200 mm           m1         300 mm           m2         320 mm           Ast         4626 mm           Wa         2650 mm           12 km/h / 24.50 km/h         0.47 m/s / 0.46 m/s           0.50 m/s / 0.30 m/s         1700 daN / 910 daN <th></th> <th>Diesel</th>		Diesel
c         500 mm           x         626 mm           y         1900 mm           FVD 33         4220 kg           6570 kg / 650 kg         1570 kg / 2650 kg           1570 kg / 2650 kg         1570 kg / 2650 kg           2         1570 kg / 2650 kg           12,5/80-18/12 SL R4         7,00-12/12 ED PLUS           2 / 2         2           b10         1159 mm           b11         1176 mm           k         2155 mm / 1990 mm           h7         1034 mm           11         4265 mm           12         3085 mm           b1         1450 mm           s / e / 1         45 mm x 100 mm / 1200 mm           m1         300 mm           m2         320 mm           Ast         4626 mm           Wa         2650 mm           12 km/h / 24.50 km/h         0.47 m/s / 0.46 m/s           0.50 m/s / 0.30 m/s         1700 daN / 910 daN           24 % / 22 %         Hydraulic brakes by loss of pressure           Hydrostatic         37 kW           2700 pm         3 - 1826 cm <sup>3</sup> Electronic         220 bar           3 / 1826 cm <sup>3</sup> 2182 cm <sup>3</sup> <th></th> <th>Seated</th>		Seated
x         626 mm           y         1900 mm           FVD 33         4220 kg           6570 kg / 650 kg         1570 kg / 2650 kg           1570 kg / 2650 kg         1570 kg / 2650 kg           Pneumatic         12,5/80-18/12 SL R4           7,00-12/12 ED PLUS         2 / 2           2         2           b10         1159 mm           b11         1176 mm           b11         122 S085 mm           b11         120 mm           b11         300 mm           b1         3A           b3         1260 mm           m1         300 mm           m2         320 mm           Ast         4626 mm           Wa         2650 mm           12 km/h / 24.50 km/h         0.45 m/s           0.50 m/s / 0.30 m/s         1700 daN / 910 daN           24 % / 22 %         Hydraulic brakes by loss of pressure           Hydrostatic         37 kW           2700 rpm         3 - 1826 cm <sup>3</sup> 1826 cm <sup>3</sup> 220 bar	Q	3000 kg
y 1900 mm FVD 33 4220 kg 6570 kg / 650 kg 6570 kg / 650 kg 1570 kg / 2650 kg 7,00-12/12 ED FLUS 2 / 2 2 b10 1159 mm b11 110 1159 mm b11 2155 mm / 1990 mm h7 1034 mm 11 4265 mm b1 11 450 mm s / e / 1 45 mm x 100 mm / 1200 mm b1 1450 mm s / e / 1 45 mm x 100 mm / 1200 mm m2 320 mm Ast 4626 mm Wa 2650 mm Wa 2650 mm Wa 2650 mm Kubota / 0.46 m/s 0.47 m/s / 0.46 m/s 0.47 m/s / 0.46 m/s 0.47 m/s / 0.40 m/s 1700 daN 24 % / 22 % Hydraulic brakes by loss of pressure Hydrostatic Kubota / D1803 CRT E5B / Stage V 37 kW 2700 rpm 3 - 1826 cm <sup>3</sup> Electronic 220 bar 42 l/min	С	500 mm
FVD 33           4220 kg           6570 kg / 650 kg           1570 kg / 2650 kg           Pneumatic           12,5/80-18/12 SL R4           7,00-12/12 ED PLUS           2 / 2           2           b10           1159 mm           b11           1176 mm           b11           1176 mm           b11           111           4265 mm           12           3085 mm           b1           1450 mm           12           300 mm           m1           300 mm           m2           320 mm           Ast           4262 mm           Wa           2650 mm           12           320 mm           Ast           4262 mm           Wa           2650 ms/           1700 daN / 910 daN           24 % / 22 %           Hydraulic brakes by loss of pressure           Hydraulic brakes by loss of pressure           Hydrostatic           2700 rpm           3 - 1826 cm <sup>3</sup>	x	626 mm
4220 kg         6570 kg / 650 kg         1570 kg / 2650 kg         Pneumatic         12,5/80-18/12 SL R4         7,00-12/12 ED PLUS         2 / 2         b10         1159 mm         b11         1176 mm         b11         1176 mm         b11         1176 mm         b11         111         112         3085 mm         b1         11         4265 mm         12         3085 mm         b1         1450 mm         12         300 mm         m1         300 mm         m2         320 mm         Ast         4626 mm         Wa         2650 mm         12 km/h / 24.50 km/h         0.47 m/s / 0.46 m/s         0.50 m/s / 0.30 m/s         1700 daN / 910 daN         24 % / 22 %         Hydrastatic         Hydrastatic         37 kW         2700 rpm         3 - 1826 cm <sup>3</sup> 1820 bar	У	1900 mm
4220 kg         6570 kg / 650 kg         1570 kg / 2650 kg         Pneumatic         12,5/80-18/12 SL R4         7,00-12/12 ED PLUS         2 / 2         b10         1159 mm         b11         1176 mm         b11         1176 mm         b11         1176 mm         b11         111         112         3085 mm         b1         11         4265 mm         12         3085 mm         b1         1450 mm         12         300 mm         m1         300 mm         m2         320 mm         Ast         4626 mm         Wa         2650 mm         12 km/h / 24.50 km/h         0.47 m/s / 0.46 m/s         0.50 m/s / 0.30 m/s         1700 daN / 910 daN         24 % / 22 %         Hydrastatic         Hydrastatic         37 kW         2700 rpm         3 - 1826 cm <sup>3</sup> 1820 bar		
6570 kg / 650 kg           1570 kg / 2650 kg           Pneumatic           12,5/80-18/12 SL R4           7,00-12/12 ED PLUS           2 / 2           b10           1159 mm           b11           1176 mm           b11           1176 mm           b11           111           4265 mm           12           3085 mm           b1           1450 mm           s / e / 1           45 mm x 100 mm / 1200 mm           n1           3085 mm           b1           1450 mm           s / e / 1           45 mm x 100 mm / 1200 mm           n1           300 mm           n2           320 mm           Ast           4626 mm           Wa           2650 mm           12 km/h / 24.50 km/h           0.47 m/s / 0.46 m/s           0.50 m/s / 0.30 m/s           1700 daN / 910 daN           24 % / 22 %           Hydraulic brakes by loss of pressure           Hydraulic brakes by loss of pressure           Hydrostatic <t< th=""><th></th><th>FVD 33</th></t<>		FVD 33
1570 kg / 2650 kg         Pneumatic         12,5/80-18/12 SL R4         7,00-12/12 ED PLUS         2 / 2         2         b10         1159 mm         b11         1176 mm         11         1176 mm         b11         11         12         3085 mm         b1         11         4265 mm         12         3085 mm         b1         1450 mm         s / e / 1         45 mm x 100 mm / 1200 mm         m1         300 mm         m1         300 mm         m2         320 mm         Ast         4626 mm         Wa         2650 mm         12 km/h / 24.50 km/h         0.47 m/s / 0.46 m/s         0.50 m/s / 0.30 m/s         1700 daN / 910 daN         24 % / 22 %         Hydraulic brakes by loss of pressure         Hydrostatic         3 - 1826 cm³         Electronic         220 bar         42 L/min		4220 kg
Pneumatic           12,5/80-18/12 SL R4           7,00-12/12 ED PLUS           2 / 2           2           b10           1159 mm           b11           1176 mm           11           11           12           3085 mm           b1           11           4265 mm           12           3085 mm           b1           1450 mm           s / e / 1           45 mm x 100 mm / 1200 mm           s / e / 1           45 mm x 100 mm / 1200 mm           m1           300 mm           m2           320 mm           Ast           4626 mm           Wa           2650 mm           12 km/h / 24.50 km/h           0.47 m/s / 0.46 m/s           0.50 m/s / 0.30 m/s           1700 daN / 910 daN           24 % / 22 %           Hydraulic brakes by loss of pressure           Hydrostatic           3.1826 cm³           Electronic           220 bar           42 l/min		6570 kg / 650 kg
12,5/80-18/12 SL R4         7,00-12/12 ED PLUS         2         2         b10         1159 mm         b11         1176 mm         0         h6 / h6*         2155 mm / 1990 mm         h7         1034 mm         11         4265 mm         12         3085 mm         b1         1450 mm         s / e / 1         45 mm x 100 mm / 1200 mm         m1         300 mm         m2         320 mm         Mathematical Action and and action ac		1570 kg / 2650 kg
12,5/80-18/12 SL R4         7,00-12/12 ED PLUS         2         2         b10         1159 mm         b11         1176 mm         0         h6 / h6*         2155 mm / 1990 mm         h7         1034 mm         11         4265 mm         12         3085 mm         b1         1450 mm         s / e / 1         45 mm x 100 mm / 1200 mm         m1         300 mm         m2         320 mm         Mathematical Action and and action ac		
7,00-12/12 ED PLUS         2 / 2         2         b10         1159 mm         b11         1176 mm         6 / h6*         7         1034 mm         11         4265 mm         12         3085 mm         b1         11         4265 mm         12         3085 mm         b1         1450 mm         b1         1450 mm         12         300 mm         m1         300 mm         m2         320 mm         Ast         4626 mm         Wa         2650 mm         Ma         12 km/h / 24.50 km/h         0.47 m/s / 0.46 m/s         0.50 m/s / 0.30 m/s         1700 daN / 910 daN         24 % / 22 %         Hydraulic brakes by loss of pressure         Hydrostatic         3.1826 cm³         Electronic         220 bar         42 l/min		Pneumatic
2 / 2         b10       1159 mm         b11       1176 mm         b11       1176 mm         h6 / h6*       2155 mm / 1990 mm         h7       1034 mm         11       4265 mm         12       3085 mm         b1       1450 mm         b1       1450 mm         s / e / 1       45 mm x 100 mm / 1200 mm         s / e / 1       45 mm x 100 mm         b3       1260 mm         m1       300 mm         m2       320 mm         Ast       4626 mm         Wa       2650 mm         Ma       2650 mm         Ma       2650 mm         Kubota / D1803 CRT E58 / Stage V       37 kW         S7 kW       2700 mm         3 - 1826 cm³       Electronic         220 bar       42 l/min		12,5/80-18/12 SL R4
2           b10         1159 mm           b11         1176 mm           b11         1176 mm           h6 / h6*         2155 mm / 1990 mm           h7         1034 mm           11         4265 mm           12         3085 mm           b1         1450 mm           s / e / 1         45 mm x 100 mm / 1200 mm           s / e / 1         3A           b3         1260 mm           m1         300 mm           m2         320 mm           Ast         4626 mm           Wa         2650 mm           Max         2650 mm           Max <th></th> <th>7,00-12/12 ED PLUS</th>		7,00-12/12 ED PLUS
b10       1159 mm         b11       1176 mm         h6 / h6*       2155 mm / 1990 mm         h7       1034 mm         11       4265 mm         12       3085 mm         b1       1450 mm         s / e / 1       45 mm x 100 mm / 1200 mm         s / e / 1       45 mm x 100 mm / 1200 mm         m1       300 mm         m2       320 mm         Ast       4626 mm         Wa       2650 mm         Mathematical Action of the mathematical Action Action of the Action Action of the Action A		2 / 2
b11       1176 mm         h6 / h6*       2155 mm / 1990 mm         h7       1034 mm         11       4265 mm         12       3085 mm         b1       1450 mm         s / e / 1       45 mm x 100 mm / 1200 mm         s / e / 1       45 mm x 100 mm / 1200 mm         m1       300 mm         m2       320 mm         Ast       4626 mm         Wa       2650 mm         Wa       2650 mm         Mathematical Action of the mathematical Action Action of the mathmatematical Action of the		2
h6 / h6*         2155 mm / 1990 mm           h7         1034 mm           11         4265 mm           12         3085 mm           b1         1450 mm           s / e / 1         45 mm x 100 mm / 1200 mm           3A         3           b3         1260 mm           m1         300 mm           m2         320 mm           Ast         4626 mm           Wa         2650 mm           Mathematical	b10	1159 mm
h7       1034 mm         11       4265 mm         12       3085 mm         b1       1450 mm         b1       1450 mm / 1200 mm         s / e / 1       45 mm x 100 mm / 1200 mm         m1       300 mm         m2       320 mm         Ast       4626 mm         Wa       2650 mm         Mathematical Mathmatical Mathmatical Mathmatical Mathmatecal Mathematical Mathmati	b11	1176 mm
h7       1034 mm         11       4265 mm         12       3085 mm         b1       1450 mm         b1       1450 mm / 1200 mm         s / e / 1       45 mm x 100 mm / 1200 mm         m1       300 mm         m2       320 mm         Ast       4626 mm         Wa       2650 mm         Mathematical Mathmatical Mathmatical Mathmatical Mathmatecal Mathematical Mathmati		
11       4265 mm         12       3085 mm         b1       1450 mm         b1       45 mm x 100 mm / 1200 mm         s / e / l       3A         b3       1260 mm         m1       300 mm         m2       320 mm         Ast       4626 mm         Wa       2650 mm         Wa       2650 mm         Mathematic       0.46 m/s         0.47 m/s / 0.46 m/s       0.50 m/s / 0.30 m/s         1700 daN / 910 daN       24 % / 22 %         Hydraulic brakes by loss of pressure       Hydrostatic         Mathematic       37 kW         Stubota / D1803 CRT E5B / Stage V       37 kW         Stubota / D1803 CRT E5B / Stage V       37 kW         Stubota / D1803 CRT E5B / Stage V       320 m³         Stubota / D1803 CRT E5B / Stage V       320 m³         Stubota / D1803 CRT E5B / Stage V       320 m³         Stubota / D1803 CRT E5B / Stage V       320 m³         Stubota / D1803 CRT E5B / Stage V       320 m³         Stubota / D1803 CRT E5B / Stage V       320 m³         Stubota / D1803 CRT E5B / Stage V       320 m³         Stubota / D1803 CRT E5B / Stage V       320 m³         Stubota / D1803 CRT E5B / Stage V <th>h6 / h6*</th> <th>2155 mm / 1990 mm</th>	h6 / h6*	2155 mm / 1990 mm
12       3085 mm         b1       1450 mm         s / e / 1       45 mm x 100 mm / 1200 mm         3A       3A         b3       1260 mm         m1       300 mm         m2       320 mm         Ast       4626 mm         Wa       2650 mm         12 km/h / 24.50 km/h       0.47 m/s / 0.46 m/s         0.47 m/s / 0.46 m/s       0.50 m/s / 0.30 m/s         1700 daN / 910 daN       24 % / 22 %         Hydraulic brakes by loss of pressure       Hydrostatic         0       37 kW         2700 rpm       3 - 1826 cm <sup>3</sup> Electronic       220 bar         42 l/min       42 l/min	h7	1034 mm
b1       1450 mm         s / e / l       45 mm x 100 mm / 1200 mm         3A       3A         b3       1260 mm         m1       300 mm         m2       320 mm         Ast       4626 mm         Wa       2650 mm         12 km/h / 24.50 km/h         0.47 m/s / 0.46 m/s         0.50 m/s / 0.30 m/s         1700 daN / 910 daN         24 % / 22 %         Hydraulic brakes by loss of pressure         Hydrostatic         37 kW         2700 rpm         3 - 1826 cm³         Electronic         220 bar         42 l/min	11	
s / e / l       45 mm x 100 mm / 1200 mm         3A       3A         b3       1260 mm         m1       300 mm         m2       320 mm         Ast       4626 mm         Wa       2650 mm         12 km/h / 24.50 km/h         0.47 m/s / 0.46 m/s         0.50 m/s / 0.30 m/s         1700 daN / 910 daN         24 % / 22 %         Hydraulic brakes by loss of pressure         Hydrostatic         37 kW         2700 rpm         3 - 1826 cm³         Electronic         220 bar         42 l/min	12	
3A         b3       1260 mm         m1       300 mm         m2       320 mm         Ast       4626 mm         Wa       2650 mm         Wa       2650 mm         12 km/h / 24.50 km/h         0.47 m/s / 0.46 m/s         0.50 m/s / 0.30 m/s         1700 daN / 910 daN         24 % / 22 %         Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure         Hydrostatic         37 kW         2700 rpm         3 - 1826 cm³         Electronic         220 bar         42 l/min		
b3       1260 mm         m1       300 mm         m2       320 mm         Ast       4626 mm         Wa       2650 mm         12 km/h / 24.50 km/h       0.47 m/s / 0.46 m/s         0.47 m/s / 0.46 m/s       0.50 m/s / 0.30 m/s         1700 daN / 910 daN       24 % / 22 %         Hydraulic brakes by loss of pressure       Hydrostatic         Kubota / D1803 CRT E5B / Stage V       37 kW         2700 mm       3 - 1826 cm³         Electronic       220 bar         42 l/min       42 l/min	s / e / l	
m1       300 mm         m2       320 mm         Ast       4626 mm         Wa       2650 mm         U       12 km/h / 24.50 km/h         0.47 m/s / 0.46 m/s       0.47 m/s         0.47 m/s / 0.46 m/s       0.50 m/s         12 km/h / 24.50 km/h       0.47 m/s         0.47 m/s / 0.46 m/s       0.47 m/s         0.47 m/s / 0.46 m/s       0.47 m/s         1700 daN / 910 daN       24 % / 22 %         Hydraulic brakes by loss of pressure       Hydrostatic         Kubota / D1803 CRT E5B / Stage V       37 kW         2700 rpm       3 - 1826 cm³         Electronic       220 bar         42 l/min       42 l/min		
m2     320 mm       Ast     4626 mm       Wa     2650 mm       U     12 km/h / 24.50 km/h       0.47 m/s / 0.46 m/s     0.47 m/s / 0.46 m/s       0.47 m/s / 0.46 m/s     0.50 m/s       12 km/h / 24.50 km/h     0.47 m/s / 0.46 m/s       0.47 m/s / 0.46 m/s     0.47 m/s / 0.46 m/s       0.47 m/s / 0.46 m/s     0.47 m/s / 0.46 m/s       0.47 m/s / 0.46 m/s     0.30 m/s       1700 daN / 910 daN     24 % / 22 %       Hydraulic brakes by loss of pressure     Hydrostatic       Kubota / D1803 CRT E5B / Stage V       37 kW       2700 rpm       3 - 1826 cm³       Electronic       220 bar       42 l/min		
Ast     4626 mm       Wa     2650 mm       International Internatione International Internatinternational International Internatinter		
Wa         2650 mm           12 km/h / 24.50 km/h           0.47 m/s / 0.46 m/s           0.47 m/s / 0.46 m/s           0.50 m/s / 0.30 m/s           1700 daN / 910 daN           24 % / 22 %           Hydraulic brakes by loss of pressure           Hydraulic brakes by loss of pressure           Kubota / D1803 CRT E5B / Stage V           37 kW           2700 mm           3 - 1826 cm³           Electronic           220 bar           42 l/min		
12 km/h / 24.50 km/h         0.47 m/s / 0.46 m/s         0.50 m/s / 0.30 m/s         1700 daN / 910 daN         24 % / 22 %         Hydraulic brakes by loss of pressure         Hydraulic brakes by loss of pressure         Kubota / D1803 CRT E5B / Stage V         37 kW         2700 rpm         3 - 1826 cm³         Electronic         220 bar         42 l/min		
0.47 m/s / 0.46 m/s 0.50 m/s / 0.30 m/s 1700 daN / 910 daN 24 % / 22 % Hydraulic brakes by loss of pressure Hydrostatic Kubota / D1803 CRT E5B / Stage V 37 kW 2700 mm 3 - 1826 cm <sup>3</sup> Electronic 220 bar 42 l/min	Wa	2650 mm
0.47 m/s / 0.46 m/s 0.50 m/s / 0.30 m/s 1700 daN / 910 daN 24 % / 22 % Hydraulic brakes by loss of pressure Hydrostatic Kubota / D1803 CRT E5B / Stage V 37 kW 2700 mm 3 - 1826 cm <sup>3</sup> Electronic 220 bar 42 l/min		
0.50 m/s / 0.30 m/s 1700 daN / 910 daN 24 % / 22 % Hydraulic brakes by loss of pressure Hydrostatic Kubota / D1803 CRT E5B / Stage V 37 kW 2700 rpm 3 - 1826 cm <sup>3</sup> Electronic 220 bar 42 l/min		
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Hydraulic brakes by loss of pressure Hydrostatic Kubota / D1803 CRT E5B / Stage V 37 kW 2700 rpm 3 - 1826 cm <sup>3</sup> Electronic 220 bar 42 l/min		
Hydrostatic Kubota / D1803 CRT E5B / Stage V 37 kW 2700 rpm 3 - 1826 cm <sup>3</sup> Electronic 220 bar 42 l/min		
Kubota / D1803 CRT E5B / Stage V 37 kW 2700 rpm 3 - 1826 cm <sup>3</sup> Electronic 220 bar 42 l/min		
37 kW 2700 rpm 3 - 1826 cm <sup>3</sup> Electronic 220 bar 42 l/min		nyuostatic
37 kW 2700 rpm 3 - 1826 cm <sup>3</sup> Electronic 220 bar 42 l/min		Kubota / D1803 CRT E5B / Stage V
2700 rpm 3 - 1826 cm³ Electronic 220 bar 42 l/min		
3 - 1826 cm³ Electronic 220 bar 42 l/min		
Electronic 220 bar 42 I/min		
220 bar 42 l/min		
220 bar 42 l/min		Electronic
42 l/min		
79 dB		
		79 dB

## MC 30-2 ST5 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 33	FVD 37	FVD 45
α - Mast/fork carriage tilt, forward	۰	12	12	12
β - Mast/fork carriage tilt, backward	۰	10	10	10
h1 - Mast lowered height	mm	2338	2598	3038
h2 - Mast free lift	mm	117	117	117
h3 - Mast lifting height	mm	3300	3700	4500
h4 - Mast extended height	mm	4090	4490	5290
Residual capacity at max height	kg	1400	1400	500
Residual capacity with hooked-on side shift at max heigth	kg	1400	1400	500
Height at max capacity	mm	2700	2700	2800
Height at max capacity with hooked-on sideshift	mm	2700	2700	2800

Free Lift Triplex (FLT)		FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55
α - Mast/fork carriage tilt, forward	٥	12	12	12	12	12	6
$\beta$ - Mast/fork carriage tilt, backward	۰	10	10	10	10	10	6
h1 - Mast lowered height	mm	1988	2088	2188	2338	2438	2788
h2 - Mast free lift	mm	1235	1335	1435	1585	1685	2035
h3 - Mast lifting height	mm	3400	3700	4000	4300	4700	5500
h4 - Mast extended height	mm	4236	4536	4836	5136	5536	6336
Residual capacity at max height	kg	1900	1500	1300	1400	430	500
Residual capacity with hooked-on side shift at max heigth	kg	1800	1400	1250		400	400
Height at max capacity	mm	2700	2600	2700	3100	2700	2500
Height at max capacity with hooked-on sideshift	mm	2700	2600	2700		2700	2500

Full Visibility Triplex (FVT)		FVT 33
α - Mast/fork carriage tilt, forward	•	12
$\beta$ - Mast/fork carriage tilt, backward	•	10
h1 - Mast lowered height r	nm	1878
h2 - Mast free lift r	nm	129
h3 - Mast lifting height n	nm	3300
h4 - Mast extended height n	nm	4079
Height at max capacity r	nm	2500



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