Technical sheet :

## **MSI 35 ST5**

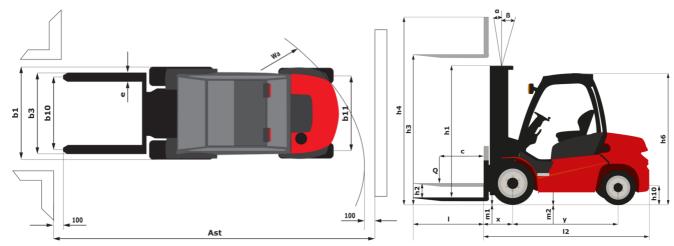




	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	
1.6	Load center of gravity	
1.8	Load distance, centre of drive axle to fork	
1.9	Wheelbase	
	Standard mast reference of the machine	
	Weight	
2.1	Service weight	
2.2	Weight on front axle (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	b
3.7	Rear wheel gauge	b
3.7	Dimensions	U
47		
4.7	Height of overhead guard (cabin)	ł
4.8	Seat height/stand height	I
4.19	Overall length	
4.20	Length to face of forks	
4.21	Overall width	ł
4.22	Forks section / width / length	s /
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.24	Fork carriage width	ł
4.31	Ground clearance below mast	n
4.32	Ground clearance at centre of wheelbase	n
4.33	Aisle Width for pallets 1000 x 1200 crossways	A
4.35	Turning radius	V
	Performances	
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.5	Drawbar pull (Laden)	
5.7	Gradeability (laden)	
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       Misi 35 ST5       Diesel       Seated       Q       Solo kg       c       Solo mm       x       631 mm       y       1900 mm       FVD 33       4780 kg       7350 kg / 850 kg       1710 kg / 3070 kg       Pneumatic       300-15/18 6T P43       7.0-12/12 ED PLUS       2 / 2       10       5/0 / 1044 mm       b10       1044 mm       b11       1108 mm       12       3139 mm       b1       1300 mm       s / e / 1       45 mm x 125 mm x 120 mm       s / e / 1       45 mm x 125 mm x 1200 mm       m1       260 mm       m1       260 mm       m2       21 km/h-21 km/h       0.50 m/s-0.50 m/s       0.50 m/s-0.30 m/s       1900 daN       24 %       H	MSI 35 ST 5	Created on July 31, 2025 at 5:19 PM UTC					
Manitou       MSI 35 ST5       Diesel       Seated       Q       Solo kg       c       S00 mm       x       631 mm       y       1900 mm       FVD 33       4780 kg       7350 kg / 650 kg       1710 kg / 3070 kg       Pneumatic       300-15/18 6T P43       300-15/18 6T P43       7.00-12/12 ED PLUS       2 / 2       2       10       b10       1044 mm       b11       1108 mm       111       4289 mm       12       3139 mm       b1       1330 mm       s/ e / 1       45 mm x 125 mm x 120 mm       12       3339 mm       b3       1260 mm       1330 mm       120 Mm       21 km/h-21 km/h       0.50 m/s-0.50 m/s       0.50 m/s-0.50 m/s       1900 daN       24 %							
MSI 35 ST5DieselQSeatedQSolo kgcSolo mmXG31 mmy1900 mmY1900 mmy1900 mmY1900 mmY1900 mmY1900 mmY1900 mmY1900 mmY100 mmY100 mmY11Y11Y11Y11Y11Y11Y12Y1314Y15Y161717181900 am1900 am1910 am							
Diesel       Q     3500 kg       C     500 mm       X     631 mm       y     1900 mm       FVD 33     7850 kg       A780 kg     7350 kg / 850 kg       1710 kg / 3070 kg     7350 kg / 850 kg       1710 kg / 3070 kg     7350 kg / 850 kg       1710 kg / 3070 kg     7350 kg / 850 kg       1710 kg / 3070 kg     2/2       2     2/2       2     2/2       b10     1044 mm       b11     1108 mm       e     2095 mm       h7     972 mm       11     4289 mm       12     3139 mm       b11     1330 mm       s / e / 1     45 mm x 125 mm x 1200 mm       s / e / 1     45 mm x 125 mm x 1200 mm       m1     260 mm       m2     238 mm       Ast     4711 mm       Wa     2680 m       1900 daN     24 %       Hydraulic brakes by loss of pressure       Hydraulic brakes by loss of pressure       Hydrostatic							
Seated       Q     3500 kg       S00 mm     500 mm       x     631 mm       y     1900 mm       FVD 33     7850 kg       4780 kg     7350 kg / 850 kg       1710 kg / 3070 kg     7350 kg / 850 kg       1710 kg / 3070 kg     7350 kg / 850 kg       1710 kg / 3070 kg     2/2       2     2/2       2     2       b10     1044 mm       b11     1084 mm       b11     1084 mm       b11     1108 mm       s     2/2       b10     1044 mm       b11     1084 mm       b11     108 mm       s     972 mm       11     4289 mm       12     3139 mm       b3     1260 mm       m1     260 mm       m2     238 mm       Ast     4711 mm       Wa     2680 m       1900 daN     24 %       Hydraulic brakes by loss of pressure       Hydraulic brakes by loss of pressure							
Q     3500 kg       c     500 mm       x     631 mm       y     1900 mm       FVD 33							
c     500 mm       x     631 mm       y     1900 mm       FVD 33	Q						
y     1900 mm       FVD 33       4780 kg       7350 kg / 850 kg       1710 kg / 3070 kg       Pneumatic       300-15/18 6T P43       7.00-12/12 ED PLUS       2 / 2       2       b10       1044 mm       b11       1044 mm       11       4289 mm       12       3139 mm       b1       1330 mm       s / e / 1       45 mm x 125 mm x 1200 mm       m1       260 mm       m2       238 mm       Ast       4711 mm       Wa       260 ms       21 km/h-21 km/h       0.50 m/s-0.30 m/s       0.50 m/s-0.30 m/s       0.50 m/s-0.30 m/s       0.50 m/s-0.30 m/s       1900 daN       24 %  H							
FVD 33     FVD 33     4780 kg     7350 kg / 850 kg     1710 kg / 3070 kg     Pneumatic     300-15/18 6T P43     7.00-12/12 ED PLUS     2 / 2     2 / 2     b10     1044 mm     b11     108 mm     6     2095 mm     h6     2095 mm     h7     972 mm     11     4289 mm     12     3139 mm     b1     1330 mm     s / e / 1     45 mm x 125 mm x 1200 mm     m1     260 mm     m1     260 mm     m1     260 mm     m2     21 km/h-21 km/h     0.50 m/s-0.50 m/s     0.50 m/s-0.50 m/s     0.50 m/s-0.30 m/s     1900 daN     24 %     Hydraulic brakes by loss of pressure     Hydrostatic     Gamma and pressure     Study     10100 GRT E5B / Stage V <td< th=""><th>x</th><th>631 mm</th></td<>	x	631 mm					
4780 kg     7350 kg / 850 kg     7350 kg / 850 kg     1710 kg / 3070 kg     Pneumatic     300-15/18 6T P43     7.00-12/12 ED PLUS     2 / 2     2 / 2     b10     1044 mm     b11     108 mm     6     2095 mm     h6     2095 mm     h7     972 mm     11     4289 mm     12     3139 mm     b1     1330 mm     s / e / 1     45 mm x 125 mm x 1200 mm     m1     260 mm     m1     260 mm     m1     260 mm     m2     21 km/h-21 km/h     0.50 m/s 0.50 m/s     0.50 m/s 0.50 m/s     0.50 m/s 0.50 m/s     0.50 m/s 0.30 m/s     1900 daN     24 %     Hydraulic brakes by loss of pressure     Hydrostatic     Gate     Kubota / D1803 CRT E5B / Stage V     37 kW	у	1900 mm					
7350 kg / 850 kg     1710 kg / 3070 kg     Pneumatic     300-15/18 6T P43     7.00-12/12 ED PLUS     2 / 2     b10     100     1044 mm     b11     108 mm     6     2095 mm     h6     2095 mm     h7     972 mm     11     4289 mm     12     3139 mm     b1     1330 mm     s / e / l     45 mm x 125 mm x 1200 mm     m1     260 mm     m1     260 mm     m1     260 mm     m1     260 mm     m2     21 km/h-21 km/h     0.50 m/s 0.50 m/s     0.50 m/s 0.50 m/s     0.50 m/s 0.30 m/s     1900 daN     24 %     Hydraulic brakes by loss of pressure     Hydrostatic     State     450 tate     1900 daN     24 %     Kubota / D1803 CRT E5B / Stage V<		FVD 33					
7350 kg / 850 kg     1710 kg / 3070 kg     Pneumatic     300-15/18 6T P43     7.00-12/12 ED PLUS     2 / 2     b10     100     1044 mm     b11     108 mm     6     2095 mm     h6     2095 mm     h7     972 mm     11     4289 mm     12     3139 mm     b1     1330 mm     s / e / l     45 mm x 125 mm x 1200 mm     m1     260 mm     m1     260 mm     m1     260 mm     m1     260 mm     m2     21 km/h-21 km/h     0.50 m/s 0.50 m/s     0.50 m/s 0.50 m/s     0.50 m/s 0.30 m/s     1900 daN     24 %     Hydraulic brakes by loss of pressure     Hydrostatic     State     450 tate     1900 daN     24 %     Kubota / D1803 CRT E5B / Stage V<							
1710 kg / 3070 kg     Pneumatic     300-15/18 6T P43     7.00-12/12 ED PLUS     2 / 2     2     b10     1044 mm     b11     108     h6     2095 mm     h7     972 mm     11     4289 mm     12     3139 mm     b1     1330 mm     s / e / 1     45 mm x 125 mm x 1200 mm     s / e / 1     45 mm x 125 mm x 1200 mm     a3A     b3     1260 mm     3A     b3     1260 mm     3A     b3     1260 mm     3A     3B     1260 mm     203 mm     Ast     4711 mm     Wa     2680 m     21 km/h-21 km/h     0.50 m/s-0.50 m/s     0.50 m/s-0.50 m/s     1900 daN     24 %     Hydraulic brakes by loss of pressure     Hydrostatic<		4780 kg					
Pneumatic       300-15/18 6T P43       7.00-12/12 ED PLUS       2 / 2       2       b10       1044 mm       b11       108 mm       0       101       102 PLUS       2       b10       1044 mm       b11       108 mm       0       11       4289 mm       12       3139 mm       b1       1330 mm       s / e / 1       45 mm x 125 mm x 1200 mm       s / e / 1       45 mm x 1200 mm       3A       b3       1260 mm       3A       12       238 mm       Ast       4711 mm       Wa       2600 m       2       21 km/h-21 km/h       0.50 m/s-0.50 m/s       0.50 m/s-0.50 m/s       1900 daN       24 %       Hydraulic brakes by loss of pressure       Hydrostatic		7350 kg / 850 kg					
300-15/18 6T P43     7.00-12/12 ED PLUS     2 / 2     2     b10     1044 mm     b11     108 mm     6     2095 mm     h7     972 mm     11     4289 mm     12     3139 mm     b1     1330 mm     s / e / 1     45 mm x 125 mm x 1200 mm     s / e / 1     45 mm x 125 mm x 1200 mm     s / e / 1     45 mm x 125 mm x 1200 mm     s / e / 1     45 mm x 125 mm x 1200 mm     s / e / 1     45 mm x 125 mm x 1200 mm     m1   260 mm     m2   238 mm     260 mm   21 km/h-21 km/h     0.50 m/s-0.50 m/s   0.50 m/s     0.50 m/s-0.50 m/s   0.50 m/s     1900 daN   24 %     Hydraulic brakes by loss of pressure     Hydrostatic   37 kW		1710 kg / 3070 kg					
300-15/18 6T P43     7.00-12/12 ED PLUS     2 / 2     2     b10     1044 mm     b11     108 mm     6     2095 mm     h7     972 mm     11     4289 mm     12     3139 mm     b1     1330 mm     s / e / 1     45 mm x 125 mm x 1200 mm     s / e / 1     45 mm x 125 mm x 1200 mm     s / e / 1     45 mm x 125 mm x 1200 mm     s / e / 1     45 mm x 125 mm x 1200 mm     s / e / 1     45 mm x 125 mm x 1200 mm     m1   260 mm     m2   238 mm     260 mm   21 km/h-21 km/h     0.50 m/s-0.50 m/s   0.50 m/s     0.50 m/s-0.50 m/s   0.50 m/s     1900 daN   24 %     Hydraulic brakes by loss of pressure     Hydrostatic   37 kW							
7.00-12/12 ED PLUS     2 / 2     2     b10     1044 mm     b11     108 mm     6     2095 mm     h7     972 mm     11     4289 mm     12     3139 mm     b1     1330 mm     s / e / 1     45 mm x 125 mm x 1200 mm     s / e / 1     45 mm x 125 mm x 1200 mm     s / e / 1     45 mm x 125 mm x 1200 mm     s / e / 1     45 mm x 125 mm x 1200 mm     s / e / 1     45 mm x 125 mm x 1200 mm     s / e / 1     45 mm x 125 mm x 1200 mm     m1   260 mm     m2   238 mm     Ast   4711 mm     Wa   2680 m     21 km/h-21 km/h     0.50 m/s-0.50 m/s     0.50 m/s-0.50 m/s     1900 daN     24 %     Hydraulic brakes by loss of pressure     Hydrostatic     State     State     Matot / D1803 CRT E5B / Stage V <th></th> <th>Pneumatic</th>		Pneumatic					
2 / 2     b10   1044 mm     b11   1108 mm     b11   1108 mm     h6   2095 mm     h7   972 mm     l1   4289 mm     l2   3139 mm     b1   1330 mm     s / e / 1   45 mm x 125 mm x 1200 mm     s / e / 1   45 mm x 125 mm x 1200 mm     m1   260 mm     m2   238 mm     Ast   4711 mm     Wa   2680 m     21 km/h-21 km/h     0.50 m/s-0.50 m/s     0.50 m/s-0.50 m/s     1900 daN     24 %     Hydraulic brakes by loss of pressure     Hydraulic brakes by loss of pressure     Hydraulic brakes by loss of pressure							
2       b10     1044 mm       b11     1108 mm       b1     1108 mm       h6     2095 mm       h7     972 mm       11     4289 mm       12     3139 mm       b1     1330 mm       s / e / l     45 mm x 125 mm x 1200 mm       s / e / l     45 mm x 125 mm x 1200 mm       m1     260 mm       m2     238 mm       Ast     4711 mm       Wa     2680 m       21 km/h-21 km/h       0.50 m/s-0.50 m/s       0.50 m/s-0.50 m/s       1900 daN       24 %       Hydraulic brakes by loss of pressure       Hydrostatic       Kubota / D1803 CRT E5B / Stage V       37 kW							
b10   1044 mm     b11   1108 mm     h6   2095 mm     h7   972 mm     11   4289 mm     12   3139 mm     b1   1330 mm     s / e / l   45 mm x 125 mm x 1200 mm     s / e / l   45 mm x 125 mm x 1200 mm     m1   260 mm     m2   238 mm     Ast   4711 mm     Wa   2680 m     21 km/h-21 km/h     0.50 m/s-0.50 m/s     0.50 m/s-0.50 m/s     1900 daN     24 %     Hydraulic brakes by loss of pressure     Hydraulic brakes by loss of pressure     Kubota / D1803 CRT E5B / Stage V     37 kW							
b11   1108 mm     h6   2095 mm     h7   972 mm     l1   4289 mm     l2   3139 mm     b1   1330 mm     s / e / l   45 mm x 125 mm x 1200 mm     s / e / l   45 mm x 1250 mm     m1   260 mm     m2   238 mm     Ast   4711 mm     Wa   2680 m     21 km/h-21 km/h     0.50 m/s-0.50 m/s     0.50 m/s-0.50 m/s     1900 daN     24 %     Hydraulic brakes by loss of pressure     Hydraulic brakes by loss of pressure     Kubota / D1803 CRT E5B / Stage V     37 kW							
h6     2095 mm       h7     972 mm       h1     4289 mm       l2     3139 mm       b1     1330 mm       s / e / l     45 mm x 125 mm x 1200 mm       s / e / l     45 mm x 125 mm x 1200 mm       m1     260 mm       m2     238 mm       Ast     4711 mm       Wa     2680 m       21 km/h-21 km/h       0.50 m/s-0.50 m/s       0.50 m/s-0.50 m/s       1900 daN       24 %       Hydraulic brakes by loss of pressure       Hydraulic brakes by loss of pressure       Kubota / D1803 CRT E5B / Stage V       37 kW							
h7   972 mm     l1   4289 mm     l2   3139 mm     b1   1330 mm     s / e / l   45 mm x 125 mm x 1200 mm     s / e / l   45 mm x 125 mm x 1200 mm     m1   260 mm     m2   238 mm     Ast   4711 mm     Wa   2680 m     21 km/h-21 km/h     0.50 m/s-0.50 m/s     0.50 m/s-0.30 m/s     1900 daN     24 %     Hydraulic brakes by loss of pressure     Hydraulic brakes by loss of pressure     Kubota / D1803 CRT E5B / Stage V     37 kW	b11	1108 mm					
h7   972 mm     l1   4289 mm     l2   3139 mm     b1   1330 mm     s / e / l   45 mm x 125 mm x 1200 mm     s / e / l   45 mm x 125 mm x 1200 mm     m1   260 mm     m2   238 mm     Ast   4711 mm     Wa   2680 m     21 km/h-21 km/h     0.50 m/s-0.50 m/s     0.50 m/s-0.30 m/s     1900 daN     24 %     Hydraulic brakes by loss of pressure     Hydraulic brakes by loss of pressure     Kubota / D1803 CRT E5B / Stage V     37 kW	h6	2005 mm					
I1 4289 mm   I2 3139 mm   b1 1330 mm   b1 1330 mm   s / e / l 45 mm x 125 mm x 1200 mm   aA 3A   b3 1260 mm   m1 260 mm   m2 238 mm   Ast 4711 mm   Wa 2680 m   21 km/h-21 km/h   0.50 m/s 0.50 m/s   0.50 m/s 0.30 m/s   1900 daN   24 %   Hydraulic brakes by loss of pressure   Hydrostatic   Kubota / D1803 CRT E5B / Stage V   37 kW							
12 3139 mm   b1 1330 mm   s / e / l 45 mm x 125 mm x 1200 mm   3A 3A   b3 1260 mm   m1 260 mm   m2 238 mm   Ast 4711 mm   Wa 2680 m   21 km/h-21 km/h   0.50 m/s 0.50 m/s   0.50 m/s 0.30 m/s   1900 daN   24 %   Hydraulic brakes by loss of pressure   Hydrostatic   Kubota / D1803 CRT E5B / Stage V   37 kW							
b1   1330 mm     s / e / l   45 mm x 125 mm x 1200 mm     3A   3A     b3   1260 mm     m1   260 mm     m2   238 mm     Ast   4711 mm     Wa   2680 m     21 km/h-21 km/h   0.50 m/s -0.50 m/s     0.50 m/s -0.50 m/s   1900 daN     24 %   Hydraulic brakes by loss of pressure     Hydraulic brakes by loss of pressure   Hydrostatic     Kubota / D1803 CRT E5B / Stage V   37 kW							
s / e / l   45 mm x 125 mm x 1200 mm     3A   3A     b3   1260 mm     m1   260 mm     m2   238 mm     Ast   4711 mm     Wa   2680 m     21 km/h-21 km/h     0.50 m/s-0.50 m/s     0.50 m/s-0.50 m/s     1900 daN     24 %     Hydraulic brakes by loss of pressure     Hydrostatic     Kubota / D1803 CRT E5B / Stage V     37 kW							
3A     b3   1260 mm     m1   260 mm     m2   238 mm     Ast   4711 mm     Wa   2680 m     21 km/h-21 km/h     0.50 m/s-0.50 m/s     0.50 m/s-0.50 m/s     1900 daN     24 %     Hydraulic brakes by loss of pressure     Hydrostatic     Kubota / D1803 CRT E5B / Stage V     37 kW							
m1 260 mm   m2 238 mm   Ast 4711 mm   Wa 2680 m   200 21 km/h-21 km/h   0.50 m/s-0.50 m/s 0.50 m/s   0.50 m/s-0.30 m/s 1900 daN   24 % Hydraulic brakes by loss of pressure   Hydraulic brakes by loss of pressure Hydrostatic   Kubota / D1803 CRT E5B / Stage V 37 kW							
m2 238 mm   Ast 4711 mm   Wa 2680 m   2000 21 km/h-21 km/h   0.50 m/s-0.50 m/s 0.50 m/s   0.50 m/s-0.30 m/s 1900 daN   24 % 1900 daN   4 % Hydraulic brakes by loss of pressure   Hydrostatic 37 kW	b3	1260 mm					
Ast     4711 mm       Wa     2680 m       21 km/h-21 km/h     2000000000000000000000000000000000000	m1	260 mm					
Wa     2680 m       21 km/h-21 km/h       0.50 m/s-0.50 m/s       0.50 m/s-0.30 m/s       1900 daN       24 %       Hydraulic brakes by loss of pressure       Hydrostatic       Kubota / D1803 CRT E5B / Stage V       37 kW	m2	238 mm					
21 km/h-21 km/h 0.50 m/s-0.50 m/s 0.50 m/s-0.30 m/s 1900 daN 24 % Hydraulic brakes by loss of pressure Hydrostatic Kubota / D1803 CRT E5B / Stage V 37 kW	Ast	4711 mm					
0.50 m/s-0.50 m/s 0.50 m/s-0.30 m/s 1900 daN 24 % Hydraulic brakes by loss of pressure Hydrostatic Kubota / D1803 CRT E5B / Stage V 37 kW	Wa	2680 m					
0.50 m/s-0.50 m/s 0.50 m/s-0.30 m/s 1900 daN 24 % Hydraulic brakes by loss of pressure Hydrostatic Kubota / D1803 CRT E5B / Stage V 37 kW							
0.50 m/s-0.30 m/s 1900 daN 24 % Hydraulic brakes by loss of pressure Hydrostatic Kubota / D1803 CRT E5B / Stage V 37 kW							
1900 daN 24 % Hydraulic brakes by loss of pressure Hydrostatic Kubota / D1803 CRT E5B / Stage V 37 kW							
24 % Hydraulic brakes by loss of pressure Hydrostatic Kubota / D1803 CRT E5B / Stage V 37 kW							
Hydraulic brakes by loss of pressure Hydrostatic Kubota / D1803 CRT E5B / Stage V 37 kW							
Hydrostatic Kubota / D1803 CRT E5B / Stage V 37 kW							
Kubota / D1803 CRT E5B / Stage V 37 kW							
37 kW		Hydrostatic					
37 kW		Kubota / D1802 CPT E5R / Stage V					
		-					
2700 000		2700 rpm					
3 - 1826 cm <sup>3</sup>							
Electronic		Electronic					
230 bar							
45 l/min							
81 dB							

## MSI 35 ST5 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 37	FVD 40	FVD 45
α - Mast/fork carriage tilt, forward	۰	12	12	12	12	12
β - Mast/fork carriage tilt, backward	۰	10	10	10	10	10
h1 - Mast lowered height	mm	2136	2286	2546	2736	2986
h2 - Mast free lift	mm	90	90	90	90	90
h3 - Mast lifting height	mm	3000	3300	3700	4000	4500
h4 - Mast extended height	mm	3738	4038	4438	4738	5238
Residual capacity at max height	kg	3500	3500	3500	3500	3500
Residual capacity with hooked-on side shift at max heigth	kg	3500	3500	3500	3500	3500
Height at max capacity	mm	3000	3300	3700	4000	4500
Height at max capacity with hooked-on sideshift	mm	3000	3300	3700	4000	4500

Free Lift Triplex (FLT)		FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55	FLT 60
α - Mast/fork carriage tilt, forward		12	12	12	12	12	6	6
β - Mast/fork carriage tilt, backward	٥	10	10	10	10	10	6	6
h1 - Mast lowered height	mm	1936	2036	2136	2286	2386	2736	2986
h2 - Mast free lift	mm	1208	1308	1408	1558	1658	2008	2258
h3 - Mast lifting height	mm	3400	3700	4000	4300	4700	5500	6000
h4 - Mast extended height	mm	4184	4484	4784	5084	5484	6284	6784
Residual capacity at max height	kg	3500	3500	3500	2600	1800		
Residual capacity with hooked-on side shift at max heigth	kg	3500	3500	3500	3200	1800		
Height at max capacity	mm	3400	3700	4000	4000	3500	2500	2500
Height at max capacity with hooked-on sideshift	mm	3400	3700	4000	4000	3500		



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