Technical sheet :







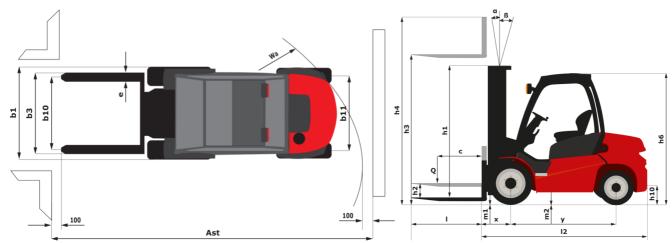
1.1	Technical characteristics Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	0
1.5	Max. capacity	Q
1.6	Load center of gravity	С
1.8	Load distance, centre of drive axle to fork	х
1.9	Wheelbase	у
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight 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	b10
3.7	Rear wheel gauge	b11
	Dimensions	
4.7	Height of overhead guard (cabin)	h6
4.8	Seat height/stand height	h7
4.19	Overall length	11
4.20	Length to face of forks	12
4.21	Overall width	b1
4.22	Forks section / width / length	s / e / l
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.24	Fork carriage width	b3
4.31	Ground clearance below mast	m1
4.32	Ground clearance at centre of wheelbase	m2
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast
4.35	Turning radius	Wa
	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	
0.110	Engine	
7.1	Engine brand / model	
7.2	Engine power according to ISO 1585	
7.2	Rated speed	
7.3	Number of cylinders / Capacity of cylinders	
7.4	Miscellaneous	
8.1	Type of drive control	
8.1		
8.2	Working hydraulic pressure for attachments	
8.3	Oil flow rate for attachments	
	Measured/guaranteed mean noise level at the ear of the operator	
8.4	Sound level at the driver's ear according to DIN 12 053	

Metric	
Manitou	
MSI-X_25	
Diesel	
Seated	
2500 kg	
500 mm	
621 mm	
1900 mm	
3875 kg	
5510 kg / 865 kg	
1533 kg / 2342 kg	
Inflatable	
300-15/18 6T R43	
7.00-12/12 ED PLUS	
2 / 2	
2	
1044 mm	
1108 mm	
0005	
2095 mm 972 mm	
4193 mm	
3043 mm	
1330 mm	
40 mm x 122 mm x 1150 mm	
2A	
1260 mm	
260 mm	
238 mm	
4591 mm	
2620 mm	
18 km/h-22 km/h	
0.50 m/s-0.50 m/s	
0.50 m/s-0.30 m/s	
2010 daN / 1250 daN	
33 % / 34 %	

Hydraulic brakes by loss of pressure Kubota / V2403 36 kW 2700 rpm 4 · 2434 cm³ Cable Cable 180 bar 45 l/min < 80 dB

MSI-X 25 Created on May 2, 2024 at 6:39:38 AM UTC

MSI-X 25 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 37	FVD 40	FVD 45
Mast/fork carriage tilt, forward	٥	10	10	10	10	10
Mast/fork carriage tilt, backward	٥	12	12	12	12	12
h1 - Mast lowered height	mm	2136	2286	2546	2736	2986
h2 - Mast free lift	mm	85	85	85	85	85
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	2500	2500			
Height at max capacity	mm	3000	3300	2500	2500	2500

Free Lift Triplex (FLT)		FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55	FLT 60
Mast/fork carriage tilt, forward	۰	10	10	10	10	10	6	6
Mast/fork carriage tilt, backward	۰	12	12	12	12	12	6	6
h1 - Mast lowered height	mm	1936	2036	2136	2286	2386	2736	2986
h2 - Mast free lift	mm	1183	1283	1383	1483	1633	1893	2083
h3 - Mast lifting height	mm	3400	3700	4000	4300	4700	5500	6000
h4 - Mast extended height	mm	4184	4484	4784	5116	5484	6356	6916
Residual capacity at max height	kg	2500	2500	2500	2500	2500		
Height at max capacity	mm	3400	3700	4000	4300	4700	2500	2500

Full Visibility Triplex (FVT)		FVT 33
Mast/fork carriage tilt, forward	٥	10
Mast/fork carriage tilt, backward	٥	12
h1 - Mast lowered height	mm	1826
h2 - Mast free lift	mm	72
h3 - Mast lifting height	mm	3300
h4 - Mast extended height	mm	4027
Height at max capacity	mm	2500



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