Technical sheet :



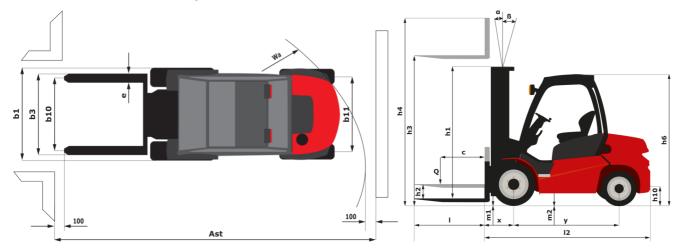




	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	С
1.8	Load distance, centre of drive axle to fork	х
1.9	Wheelbase	у
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight 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	1
4.20	Length to face of forks	12
4.21	Overall width	b1
4.22	Forks section / width / length	s/e/
4.23	Fork carriage ISO 2328 (class/form) A/B	0, 0,
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	Tuming 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	
0.10	Engine	
7.1	Engine brand / model / norm	
7.1	I.C. Engine power rating	
7.2	Rated speed	
7.3		
7.4	Number of cylinders / Capacity of cylinders	
8.1	Miscellaneous	
8.1	Type of drive control	
	Working hydraulic pressure for attachments	
8.3	Oil flow rate for attachments	
8.4	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	

MSI-X 30	Created on August 11, 2025 at 1:51 PM UTC							
	Metric							
	Manitou							
	MSI-X 30							
	Diesel							
	Seated							
Q	3000 kg							
С	500 mm							
x	626 mm							
у	1900 mm							
	4355 kg							
	6435 kg / 920 kg							
	1660 kg / 2695 kg							
	Inflatable							
	300-15/18 6T P43							
	7.00-12/12 ED PLUS							
	2/2							
	2							
b10	1044 mm							
b11	1108 mm							
1.6	0005							
h6	2095 mm							
h7	972 mm							
1 2	4234 mm 3084 mm							
b1								
s/e/l	1330 mm 45 mm x 122 mm x 1150 mm							
37071	3A							
b3	1260 mm							
m1	260 mm							
m2	238 mm							
Ast	4626 mm							
Wa	2650 mm							
	18 km/h-22 km/h							
	0.50 m/s-0.50 m/s							
	0.50 m/s-0.30 m/s							
	2140 daN / 1340 daN							
	30 % / 32 %							
	Hydraulic brakes by loss of pressure							
	Kubata (1/2402 / Stage IIIA							
	Kubota / V2403 / Stage IIIA							
	36 kW 2700 rpm							
	4 - 2434 cm ³							
	4 - 2434 UIII-							
	Cable							
	180 bar							
	45 l/min							
	< 80 dB							
	80 dB							

MSI-X 30 - 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	٥	10	10	10	10	10
β - 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	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	3000	3000			
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
a - Mast/fork carriage tilt, forward	٥	10	10	10	10	10	б	6
β - Mast/fork carriage tilt, backward	٥	12	12	12	12	12	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	3000						
Height at max capacity	mm	3400	2500	2500	2500	2500	2500	2500

Full Visibility Triplex (FVT)		FVT 33
h1 - Mast lowered height	mm	1826
h2 - Mast free lift	mm	77
h3 - Mast lifting height	mm	3300
h4 - Mast extended height	mm	4027
Height at max capacity	mm	2500



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