Technical sheet :





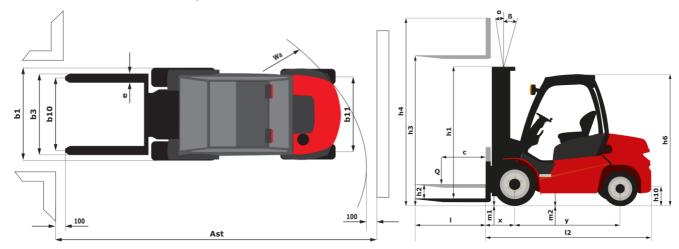


	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	c
1.8	Load distance, centre of drive axle to fork	x
1.9	Wheelbase	y
1.9	Weight	,
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
2.0	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	b10
3.7	Dimensions	DIT
4.7	Height of overhead guard (cabin)	h6
4.7	Seat height/stand height	h7
4.0	Overall length	17
4.19	Length to face of forks	12
4.20	Overall width	b1
4.21	Forks section / width / length	s/e/l
4.22	Fork carriage ISO 2328 (class/form) A/B	57071
4.23	Fork carriage width	b3
4.24	For carrage wider	m1
4.31	Ground clearance at centre of wheelbase	m2
4.32	Aisle Width for pallets 1000 x 1200 crossways	Ast
4.35	Tuming radius	Wa
4.33	Performances	Wa
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	
5.10	Engine	
7.1	Engine brand / model / norm	
7.2	I.C. Engine power rating	
7.2	Rated speed	
7.3	Number of cylinders / Capacity of cylinders	
7.4	Miscellaneous	
8.1	Type of drive control	
8.2	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	
0.4		

MSI-X 30 Created on August 20, 2025 at 5:21 PM UTC Manitou MSI-X 30

	MSI-X 30
	Diesel
	Seated
	3000 kg
	500 mm
	626 mm
	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
	1044 mm
	1108 mm
	2095 mm
	972 mm
	4234 mm
	3084 mm
	1330 mm
1	45 mm x 122 mm x 1150 mm 3A
	3A 1260 mm
	260 mm
	238 mm
	4626 mm
	2650 mm
	2030 1111
	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
	Kubota / V2403 / Stage IIIA
	36 kW
	2700 rpm
	4 - 2434 cm³
	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
a - 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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