Technical sheet :



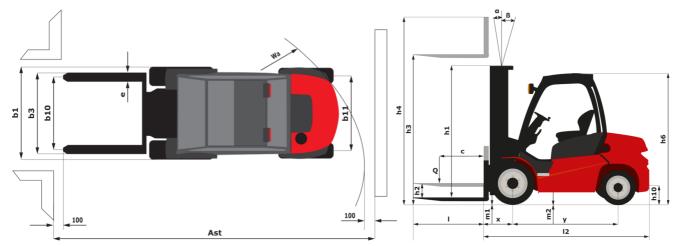




	Technical characteristics
1	Manufacturer
2	Model Name
3	Power source
4	Operator type
5	Max. capacity
5	Load center of gravity
3	Load distance, centre of drive axle to fork
	Wheelbase
	Weight
	Service weight
	Weight on front axle (laden) / rear axle (laden)
	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
	Tires type
	Dimensions of front wheels
	Dimensions of rear wheels
	Number of front wheels / rear wheels
	Number of drive wheels
	Front wheel gauge
	Rear wheel gauge
	Dimensions
	Height of overhead guard (cabin)
	Seat height/stand height
	Overall length
	Length to face of forks
	Overall width
	Forks section / width / length
	Fork carriage ISO 2328 (class/form) A/B
	Fork carriage width
	Ground clearance below mast
	Ground clearance at centre of wheelbase
	Aisle Width for pallets 1000 x 1200 crossways
	Turning radius
	Performances
	Travel speed (laden / unladen)
	Lifting speed (laden / unladen)
	Lowering speed (laden / unladen)
	Drawbar pull (Laden / Unladen)
	Gradeability (laden / unladen)
	Service brake
	Engine
	Engine brand / model
	Engine power according to ISO 1585
	Rated speed
	Number of cylinders / Capacity of cylinders
	Miscellaneous
	Type of drive control
	Working hydraulic pressure for attachments
	Oil flow rate for attachments
	Measured/guaranteed mean noise level at the ear of the operator
	Sound level at the driver's ear according to DIN 12 053

MSI-X 25	Created on 3 May 2024 at 7:24:28 AM UTC
	Metric
	Manitou
	MSI-X_25
	Diesel
	Seated
Q	2500 kg
C	500 mm
x	621 mm
у	1900 mm
	3875 kg
	5510 kg / 865 kg
	1533 kg / 2342 kg
	la Gatabla
	Inflatable 300-15/18 6T R43
	7.00-12/12 ED PLUS
	2/2
	2
b10	1044 mm
b11	1108 mm
511	
h6	2095 mm
h7	972 mm
11	4193 mm
12	3043 mm
b1	1330 mm
s / e / l	40 mm x 122 mm x 1150 mm
	2A
b3	1260 mm
m1	260 mm
m2	238 mm
Ast	4591 mm
Wa	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
	180 bar
	45 l/min
	< 80 dB
	80 dB

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 °		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	۰	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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