Technical sheet :





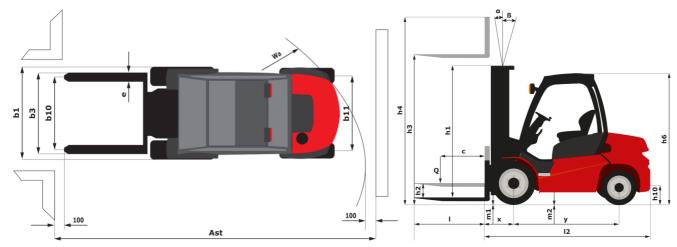


Technical characteristics	
1.1 Manufacturer	
1.2 Model Name	
1.3 Power source	
1.4 Operator type	
1.5 Max. capacity	
1.6 Load center of gravity	
1.8 Load distance, centre of drive axle to fo	rk
1.9 Wheelbase	
Weight	
2.1 Service weight	
2.2 Weight on front axle (laden) / rear axle	(laden)
2.3 Weight on front axle (Unladen) / rear ax	. ,
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	
3.7 Rear wheel gauge	
Dimensions	
4.7 Height of overhead guard (cabin)	
4.8 Seat height/stand height	
4.19 Overall length	
4.20 Length to face of forks	
4.21 Overall width	
4.22 Forks section / width / length	
4.23 Fork carriage ISO 2328 (class/form) A/E	3
4.24 Fork carriage width	
4.31 Ground clearance below mast	
4.32 Ground clearance at centre of wheelbas	e
4.33 Aisle Width for pallets 1000 x 1200 cros	sways
4.35 Turning radius	
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	
Engine	
7.1 Engine brand / model / norm	
-	
7.3 Rated speed	
7.4 Number of cylinders / Capacity of cylind	ers
Miscellaneous	
8.1 Type of drive control	
8.2 Working hydraulic pressure for attachme	ints
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 25	Created on September 9, 2025 at 6:07 AM UTC					
	Metric					
	Manitou					
	MSI-X 25					
	Diesel					
	Seated					
Q	2500 kg					
с	500 mm					
х	621 mm					
У	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					
b10	1044 mm					
b11	1108 mm					
h.c	0005 mm					
h6	2095 mm					
h7  1	972 mm 4193 mm					
11	3043 mm					
b1	1330 mm					
s/e/l	40 mm x 122 mm x 1150 mm					
37071	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 / Stage IIIA					
	36 kW					
	2700 rpm					
	4 - 2434 cm <sup>3</sup>					
	Cabla					
	Cable 180 bar					
	45 l/min					
	< 80 dB					
	80 dB					
	0000					

## MSI-X 25 - Dimensional drawing

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## 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
$\beta$ - 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
α - Mast/fork carriage tilt, forward	٥	10	10	10	10	10	6	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	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
α - Mast/fork carriage tilt, forward	٥	10
$\beta$ - 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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