Technical sheet:

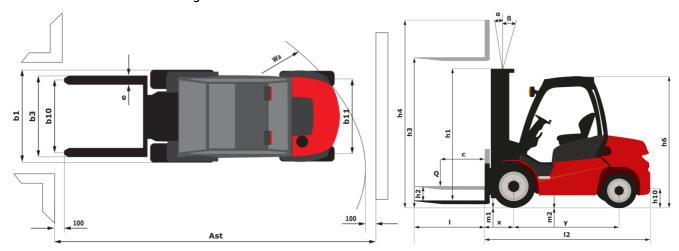
## **MSI-X 30**





		M31-X 30 G	eated off May 3, 2024 at 7.13.41 1 M C
Technical characteristics			Metric
1 Manufacturer			Manitou
2 Model Name			MSI-X_30
Power source			Diesel
4 Operator type			Seated
Max. capacity		Q	3000 kg
6 Load center of gravity		C	500 mm
B Load distance, centre of drive at	xle to fork	X	626 mm
Wheelbase		y	1900 mm
Weight		,	
Service weight			4355 kg
2 Weight on front axle (laden) / re	ear ayle (laden)		6435 kg / 920 kg
Weight on front axle (Inladen)	, ,		1660 kg / 2695 kg
Wheels	riear axie (omaden)		1000 kg / 2093 kg
			1 A - A - h 1 -
Tires type			Inflatable
2 Dimensions of front wheels			300-15/18 6T P43
B Dimensions of rear wheels			7.00-12/12 ED PLUS
Number of front wheels / rear w	neels		2 / 2
.2 Number of drive wheels			2
Front wheel gauge		b10	1044 mm
Rear wheel gauge		b11	1108 mm
Dimensions			
Height of overhead guard (cabin	1)	h6	2095 mm
B Seat height/stand height		h7	972 mm
9 Overall length		I1	4234 mm
0 Length to face of forks		12	3084 mm
1 Overall width		b1	1330 mm
2 Forks section / width / length		s / e / l	45 mm x 122 mm x 1150 mm
3 Fork carriage ISO 2328 (class/fo	orm) A/B		3A
4 Fork carriage width		b3	1260 mm
1 Ground clearance below mast		m1	260 mm
2 Ground clearance at centre of w	/heelbase	m2	238 mm
3 Aisle Width for pallets 1000 x 13	200 crossways	Ast	4626 mm
5 Turning radius	,	Wa	2650 mm
Performances			
1 Travel speed (laden / unladen)			18 km/h-22 km/h
2 Lifting speed (laden / unladen)			0.50 m/s-0.50 m/s
B Lowering speed (laden / unlade			0.50 m/s -0.30 m/s
5 Drawbar pull (Laden / Unladen)			2140 daN / 1340 daN
7 Gradeability (laden / unladen)			30 % / 32 %
0 Service brake			Hydraulic brakes by loss of pressure
			Hydraulic blakes by loss of piessure
Engine			Vol / 1/0400
Engine brand / model	I FOE		Kubota / V2403
Engine power according to ISO 1	383		36 kW
Rated speed			2700 rpm
Number of cylinders / Capacity	or cylinders		4 - 2434 cm³
Miscellaneous			
Type of drive control			Cable
2 Working hydraulic pressure for a	ittachments		180 bar
Oil flow rate for attachments			45 I/min
-	ise level at the ear of the operator		< 80 dB
Sound level at the driver's ear ac	cording to DIN 12 053		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
Mast/fork carriage tilt, forward	۰	10	10	10	10	10
Mast/fork carriage tilt, backward	۰	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
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	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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