Technical sheet :





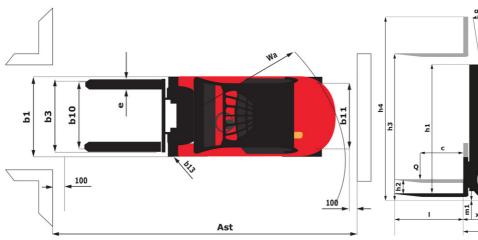


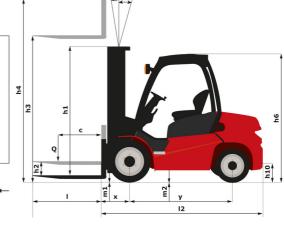
	Technical characteristics
	Manufacturer
	Model Name
	Power source
	Operator type
	Max. capacity
	Load center of gravity
	Load distance, centre of drive axle to fork
	Wheelbase
	Weight
	Service weight
	Weight on front axle (laden) / rear axle (laden)
	Weight on front axle (Unladen) / rear axle (Unladen)
	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
1	Height of overhead guard (cabin)
	Seat height/stand height
	Height of towing bar (coupling height)
	Overall length
	Length to face of forks
	Overall width
	Overall width - Single wheels
	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
	Aisle width for 800 x 1200 pallet lengthways
	Tuming radius
	Internal turning radius (over tyres)
	Performances
	Travel speed (laden / unladen)
	Lifting speed (laden / unladen)
	Lowering speed (laden / unladen)
	Drawbar pull (Laden / Unladen)
	Gradeability (laden / unladen)
	Service brake
	Transmission type
	Engine
1	Engine brand / model / norm
	I.C. Engine power rating
	Rated speed
	Number of cylinders / Capacity of cylinders
	Miscellaneous
1	Wiscenaneous Working hydraulic pressure for attachments
	Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator

ми-х зо D Created on June 17, 2025 at 8:00 AM UTC

	Matria
	Metric MANITOU
	MI-X 30 D
	Diesel
	Seated
	3000 kg
	-
	500 mm
	480 mm
	1700 mm
	4610 kg
	6650 kg / 960 kg
	1860 kg / 2750 kg
	1000 kg / 2730 kg
	Inflatable
	28-9-15 12
	6.50-10 10
	2/2
	2
)	- 1005 mm
1	975 mm
	2130 mm
	1215 mm
)	355 mm
	3875 mm
	2715 mm
	1225 mm
	1225 mm
/1	45 mm x 122 mm x 1150 mm
	3A
	1100 mm
	130 mm
2	200 mm
t	4140 mm
t	4340 mm
1	2460 mm
3	160 mm
	18 km/h-18.50 km/h
	0.45 m/s-0.52 m/s
	0.43 m/s-0.48 m/s
	1600 daN / 1380 daN
	20 % / 20 %
	Hydraulic
	Torque converter
	Yanmar / 4TNV94L-BXPHZ / Stage IIIA
	35 kW
	2400 rpm
	4 - 3054 cm ³
	100
	160 bar
	69 l/min < 84 dB
	< 84 dB 84 dB
	04 UB

MI-X 30 D - Dimensional drawing





Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 40
α - Mast/fork carriage tilt, forward	۰	6	6
β - Mast/fork carriage tilt, backward	۰	12	12
h1 - Mast lowered height	mm	2050	2650
h2 - Mast free lift	mm	145	145
h3 - Mast lifting height	mm	3000	4000
h4 - Mast extended height	mm	3735	4735
Residual capacity at max height	kg	3000	3000
Residual capacity with integrated side shift at max heigth	kg	3000	3000
Height at max capacity	mm	3000	4000
Height at max capacity with integrated sideshift	mm		4000

Free Lift Duplex (FLD)		FLD 33	FLD 37	FLD 40	FVD 33
α - Mast/fork carriage tilt, forward		б	6	6	6
β - Mast/fork carriage tilt, backward	٥	12	12	12	12
h1 - Mast lowered height	mm	2230	2430	2580	2200
h2 - Mast free lift	mm	1475	1675	1825	145
h3 - Mast lifting height	mm	3300	3700	4000	3300
h4 - Mast extended height	mm	4055	4455	4755	4035
Residual capacity at max height	kg	3000	3000	3000	3000
Residual capacity with integrated side shift at max heigth	kg	3000	3000	3000	3000
Height at max capacity	mm	3300	3700	4000	3300
Height at max capacity with integrated sideshift	mm	3300	3700	4000	3300

Free Lift Triplex (FLT)		FLT 43	FLT 45	FLT 47	FLT 55	FLT 60	FLT 65
α - Mast/fork carriage tilt, forward °		6	6	6	3	3	3
β - Mast/fork carriage tilt, backward	٥	6	6	6	6	6	6
h1 - Mast lowered height	mm	2115	2165	2215	2515	2765	2915
h2 - Mast free lift	mm	1360	1410	1460	1760	2010	2160
h3 - Mast lifting height	mm	4300	4500	4700	5500	6000	6500
h4 - Mast extended height	mm	5055	5305	5455	6255	6805	7255
Residual capacity at max height	kg	2950	2900	2800	1850	1400	1300
Residual capacity with integrated side shift at max heigth	kg	2850	2800	2700	1750	1300	1250
Height at max capacity	mm	4000	4000	4000	4000	4000	2500
Height at max capacity with integrated sideshift	mm	4000	4000	4000			



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