Technical sheet :



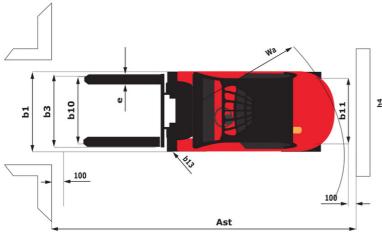


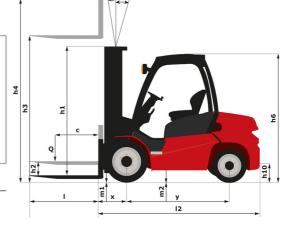


	Technical characteristics	
.1	Manufacturer	
	Model Name	
3	Power source	
4	Operator type	
5	Max. capacity	
6	Load center of gravity	
8	Load distance, centre of drive axle to fork	
.9	Wheelbase	
	Weight	
.1	Service weight	
.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
	Wheels	
.1	Tires type	
.2	Dimensions of front wheels	
3	Dimensions of rear wheels	
.5	Number of front wheels / rear wheels	
.6	Front wheel gauge	
7	Rear wheel gauge	
	Dimensions	
.7	Height of overhead guard (cabin)	
.8	Seat height/stand height	
12		
12	Height of towing bar (coupling height)	
	Overall length	
20	Length to face of forks	
.21	Overall width	
21	Overall width - Single wheels	
22	Forks section / width / length	
.23	Fork carriage ISO 2328 (class/form) A/B	
.24	Fork carriage width	
.31	Ground clearance below mast	
.32	Ground clearance at centre of wheelbase	
.33	Aisle Width for pallets 1000 x 1200 crossways	
.34	Aisle width for 800 x 1200 pallet lengthways	
.35	Turning radius	
36	Internal turning radius (over tyres)	
	Performances	
5.1	Travel speed (laden / unladen)	
.2	Lifting speed (laden / unladen)	
3	Lowering speed (laden / unladen)	
.5	Drawbar pull (Laden / Unladen)	
7	Gradeability (laden / unladen)	
10	Service brake	
	Transmission type	
	Engine	
1	Engine brand / model	
2	I.C. Engine power rating	
3	Rated speed	
.4	Number of cylinders / Capacity of cylinders	
	Energy consumption according to VDI cycle (Gas)	
i.6	Energy consumption according to VDI cycle (kWh/h)	
	Miscellaneous	
2	Working hydraulic pressure for attachments	
8.3	Oil flow rate for attachments	
-		
4	Measured/guaranteed mean noise level at the ear of the operator	

MI-X 18 G	Created on August 12, 2025 at 3:54 PM UTC
	Metric
	MANITOU
	MI-X 18 G
	Lpg
	Seated
Q	1800 kg
c	500 mm
x	405 mm
y	1420 mm
y	1420 mm
	2905 kg
	4160 kg / 545 kg
	1215 kg / 1690 kg
	1213 kg / 1050 kg
	Super Elastic
	6.50-10 10
	5.00-8 8
	2 / 2
b10	900 mm
b10	920 mm
511	520 mm
h6	2090 mm
h7	1160 mm
h10	315 mm
11	3350 mm
12	2280 mm
b1	1080 mm
b1	1080 mm
s/e/l	35 mm x 100 mm x 1150 mm
57071	2A
b3	1000 mm
m1	115 mm
m2	150 mm
Ast	3615 mm
Ast	3815 mm
Wa	2010 mm
b13	55 mm
	17.50 km/h-18 km/h
	0.45 m/s-0.55 m/s
	0.50 m/s-0.55 m/s
	1450 daN / 800 daN
	20 % / 20 %
	Hydraulic
	Torque converter
	GCT (ex-Nissan) / K21
	29 kW
	2250 rpm
	4 - 2065 cm³
	5.70 kg CO2/h
	5.70 kWh/h
	160 bar
	52 l/min
	< 81 dB
	81 dB

MI-X 18 G - Dimensional drawing





Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 37	FVD 40
a - Mast/fork carriage tilt, forward	۰	б	б	б	б
β - Mast/fork carriage tilt, backward	۰	12	12	12	12
h1 - Mast lowered height	mm	1995	2145	2395	2595
h2 - Mast free lift	mm	155	155	155	155
h3 - Mast lifting height	mm	3000	3300	3700	4000
h4 - Mast extended height	mm	3565	3865	4265	4600
Residual capacity at max height	kg	1800	1800	1800	1800
Residual capacity with integrated side shift at max heigth	kg	1800	1750	1750	1750
Height at max capacity	mm	3000	3300	3700	2500

Free Lift Duplex (FLD)		FLD 33	FLD 37	FLD 40
α - Mast/fork carriage tilt, forward	۰	6	6	6
β - Mast/fork carriage tilt, backward	٥	12	12	12
h1 - Mast lowered height	mm	2160	2360	2560
h2 - Mast free lift	mm	1575	1775	1975
h3 - Mast lifting height	mm	3300	3700	4000
h4 - Mast extended height	mm	3885	4285	4585
Residual capacity at max height	kg	1800	1800	1700
Residual capacity with integrated side shift at max heigth	kg	1750	1750	1650
Height at max capacity	mm	3300	3700	2500

Free Lift Triplex (FLT)		FLT 43	FLT 45	FLT 47	FLT 48	FLT 50	FLT 55	FLT 60	FLT 65
a - Mast/fork carriage tilt, forward	۰	6	6	6	6	6	3	3	3
β - Mast/fork carriage tilt, backward	۰	6	6	6	6	6	6	6	6
h1 - Mast lowered height	mm	2070	2120	2170	2220	2270	2470	2720	2870
h2 - Mast free lift	mm	1400	1500	1585	1600	1685	1885	2100	2200
h3 - Mast lifting height	mm	4300	4500	4700	4800	5000	5500	6000	6500
h4 - Mast extended height	mm	4980	5130	5380	5430	5595	6095	6730	7180
Residual capacity at max height	kg	1700	1700	1650	1650	1350	1050	750	
Residual capacity with integrated side shift at max heigth	kg	1600	1600	1550	1550	1250	950	650	
Height at max capacity	mm	2500	2500	2500	2500	2500	2500	2500	2500



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