Technical sheet :





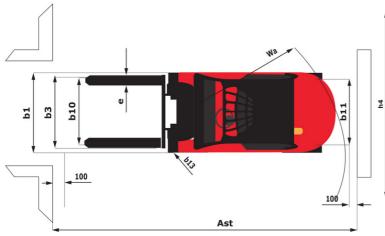


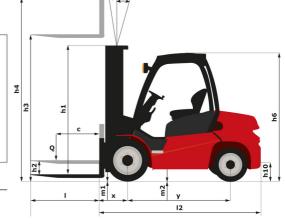
и <b>-х 18 с</b> Created o	n September 16,	2025 at 10:22	AM UTC
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		MI-X 18 (
	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	c
1.8	Load distance, centre of drive axle to fork	x
1.9	Wheelbase	у
1.5	Weight	,
2.1	Service weight	
2.1	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
2.5	Wheels	
2.1	Tires type	
3.1 3.2	Dimensions of front wheels	
3.3	Dimensions of rear wheels	
3.5	Number of front wheels / rear wheels	L10
3.6	Front wheel gauge	b10
3.7	Rear wheel gauge	b11
47	Dimensions	
4.7	Height of overhead guard (cabin)	h6
4.8	Seat height/stand height	h7
4.12	Height of towing bar (coupling height)	h10
4.19	Overall length	1
4.20	Length to face of forks	12
4.21	Overall width	b1
4.21	Overall width - Single wheels	b1
4.22	Forks section / width / length	s / e /
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.24	Fork carriage width	b3
4.31	Ground clearance below mast	m1
4.32	Ground clearance at centre of wheelbase	m2
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast
4.35	Turning radius	Wa
4.36	Internal turning radius (over tyres)	b13
	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	
	Transmission type	
	Engine	
7.1	Engine brand / model	
7.2	I.C. Engine power rating	
7.3	Rated speed	
7.4	Number of cylinders / Capacity of cylinders	
	Energy consumption according to VDI cycle (Gas)	
6.6	Energy consumption according to VDI cycle (kWh/h)	
	Miscellaneous	
8.2	Working hydraulic pressure for attachments	
	Oil flow rate for attachments	
8.3		
8.3 8.4	Measured/guaranteed mean noise level at the ear of the operator	

18 G	Created on September 16, 2025 at 10:22 AM UTC							
	Metric							
	MANITOU							
	MI-X 18 G							
	Lpg							
	Seated							
Q	1800 kg							
С	500 mm							
х	405 mm							
у	1420 mm							
	2905 kg							
	4160 kg / 545 kg							
	1215 kg / 1690 kg							
	Super Elastic							
	6.50-10 10							
	5.00-8 8							
	2 / 2							
b10	900 mm							
b11	920 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							
<b>L</b> 0	2A							
b3	1000 mm 115 mm							
m1 m2	150 mm							
Ast	3615 mm							
Ast	3815 mm							
Wa	2010 mm							
b13	55 mm							
510								
	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
α - Mast/fork carriage tilt, forward	۰	б	б	б	6
$\beta$ - 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
$\beta$ - Mast/fork carriage tilt, backward	۰	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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