Technical sheet:

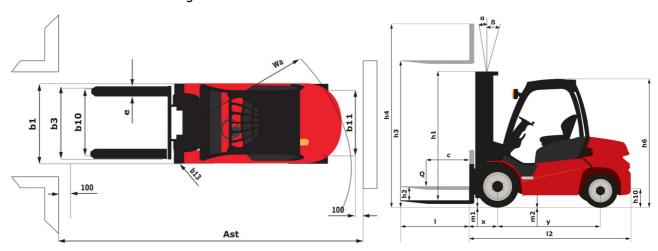
MI-X 30 D





1.1 Man 1.2 Mod 1.3 Powe 1.4 Open 1.5 Max 1.6 Load 1.8 Load 1.9 Whe Welg 2.1 Servi 2.2 Weig 2.3 Weig Whe 3.1 Tires 3.1 Tires 3.3 Dime 3.5 Num 3.5.2 Num 3.5.2 Num 3.7 Rear Dime 4.7 Heig 4.8 Seat	ce weight ght on front axle (laden) / rear axle (laden) ght on front axle (Unladen) / rear axle (Unladen) els s type ensions of front wheels ensions of rear wheels siber of front wheels / rear wheels siber of drive wheels t wheel gauge wheel gauge ensions ht of overhead guard (cabin)	D10 b11 h6	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 Super Elastic 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm 975 mm
1.2 Mod 1.3 Pown 1.4 Oper 1.5 Max 1.6 Load 1.8 Load 1.9 Whe 2.1 Servi 2.2 Weig 2.3 Weig 3.1 Tires 3.2 Dime 3.5 Num 3.5 Num 3.5.2 Num 3.7 Rear Dime 4.7 Heig 4.8 Seat	el Name er source rator type . capacity d center of gravity d distance, centre of drive axle to fork elbase pht ce weight ght on front axle (laden) / rear axle (laden) ght on front axle (Unladen) / rear axle (Unladen) els is type ensions of front wheels ensions of rear wheels aber of drive wheels t wheel gauge wheel gauge ensions tht of overhead guard (cabin)	b10 b11	MI-X 30 D Diesel Seated 3000 kg 500 mm 480 mm 1700 mm 4610 kg 6650 kg / 960 kg 1860 kg / 2750 kg Super Elastic 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm
1.3 Pow 1.4 Oper 1.5 Max 1.6 Load 1.8 Load 1.9 Whe 2.1 Servi 2.2 Weig 2.3 Weig 3.1 Tires 3.2 Dime 3.3 Dime 3.5 Num 3.5.2 Num 3.7 Rear Dim 4.7 Heig 4.8 Seat	er source rator type . capacity d center of gravity d distance, centre of drive axle to fork elbase ght ce weight ght on front axle (laden) / rear axle (laden) ght on front axle (Unladen) / rear axle (Unladen) els s type ensions of front wheels ensions of rear wheels sher of drive wheels t wheel gauge wheel gauge ensions ht of overhead guard (cabin)	b10 b11	Diesel Seated 3000 kg 500 mm 480 mm 1700 mm 4610 kg 6650 kg / 960 kg 1860 kg / 2750 kg Super Elastic 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm
1.4 Open 1.5 Max 1.6 Load 1.8 Load 1.9 Whe 2.1 Servi 2.2 Weig Whe 3.1 Tires 3.2 Dime 3.3 Dime 3.5 Num 3.5.2 Num 3.5.2 Num 3.7 Rear Dime 4.7 Heig 4.8 Seat	rator type . capacity d center of gravity d distance, centre of drive axle to fork elbase pht ce weight ght on front axle (laden) / rear axle (laden) ght on front axle (Unladen) / rear axle (Unladen) els s type ensions of front wheels ensions of rear wheels sher of front wheels / rear wheels sher of drive wheels t wheel gauge wheel gauge ensions ht of overhead guard (cabin)	b10 b11	Seated 3000 kg 500 mm 480 mm 1700 mm 4610 kg 6650 kg / 960 kg 1860 kg / 2750 kg Super Elastic 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm
1.4 Open 1.5 Max 1.6 Load 1.8 Load 1.9 Whe 2.1 Servi 2.2 Weig Whe 3.1 Tires 3.2 Dime 3.3 Dime 3.5 Num 3.5.2 Num 3.5.2 Num 4.7 Heig 4.8 Seat	rator type . capacity d center of gravity d distance, centre of drive axle to fork elbase pht ce weight ght on front axle (laden) / rear axle (laden) ght on front axle (Unladen) / rear axle (Unladen) els s type ensions of front wheels ensions of rear wheels sher of front wheels / rear wheels sher of drive wheels t wheel gauge wheel gauge ensions ht of overhead guard (cabin)	b10 b11	Seated 3000 kg 500 mm 480 mm 1700 mm 4610 kg 6650 kg / 960 kg 1860 kg / 2750 kg Super Elastic 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm
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1.6 Load 1.8 Load 1.9 Whe Weig 2.1 Servi 2.2 Weig Whe 3.1 Tires 3.2 Dime 3.5 Num 3.5 Num 3.5.2 Num 4.7 Heig 4.8 Seat	d center of gravity d distance, centre of drive axle to fork elbase pht ce weight ght on front axle (laden) / rear axle (laden) ght on front axle (Unladen) / rear axle (Unladen) els s type ensions of front wheels ensions of rear wheels sher of front wheels / rear wheels sher of drive wheels t wheel gauge wheel gauge ensions ht of overhead guard (cabin)	b10 b11	500 mm 480 mm 1700 mm 4610 kg 6650 kg / 960 kg 1860 kg / 2750 kg Super Elastic 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm
1.8 Load 1.9 Whe Weig 2.1 Servi 2.2 Weig 2.3 Weig Whe 3.1 Tires 3.2 Dime 3.5 Num 3.5 Num 3.5.2 Num 4.7 Heig 4.8 Seat	I distance, centre of drive axle to fork elbase pht ce weight ght on front axle (laden) / rear axle (laden) ght on front axle (Unladen) / rear axle (Unladen) els s type ensions of front wheels ensions of rear wheels siber of front wheels / rear wheels siber of drive wheels t wheel gauge wheel gauge ensions ht of overhead guard (cabin)	b10 b11	480 mm 1700 mm 4610 kg 6650 kg / 960 kg 1860 kg / 2750 kg Super Elastic 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm
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2.1 Servi 2.2 Weig 2.3 Weig Whe 3.1 Tires 3.2 Dime 3.5 Num 3.5.2 Num 3.6 Fron 3.7 Rear Dime 4.7 Heig 4.8 Seat	pht ce weight ght on front axle (laden) / rear axle (laden) ght on front axle (Unladen) / rear axle (Unladen) els c type ensions of front wheels ensions of rear wheels sher of front wheels / rear wheels ther of drive wheels t wheel gauge wheel gauge ensions th of overhead guard (cabin)	b10 b11	4610 kg 6650 kg / 960 kg 1860 kg / 2750 kg Super Elastic 28-9-15 12 6.50-10 10 2 / 2 2
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2.3 Weig Whe 3.1 Tires 3.2 Dimm 3.3 Dimm 3.5 Num 3.5.2 Num 3.6 Fron 3.7 Rear Dimm 4.7 Heig 4.8 Seat	th on front axle (Unladen) / rear axle (Unladen) els type ensions of front wheels ensions of rear wheels ther of front wheels / rear wheels ther of drive wheels t wheel gauge wheel gauge ensions th of overhead guard (cabin)	b11	1860 kg / 2750 kg Super Elastic 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm
3.1 Tires 3.2 Dims 3.3 Dims 3.5 Num 3.5.2 Num 3.6 Fron 3.7 Rear Dims 4.7 Heig 4.8 Seat	els s type ensions of front wheels ensions of rear wheels sher of front wheels / rear wheels sher of drive wheels t wheel gauge wheel gauge ensions th of overhead guard (cabin)	b11	Super Elastic 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm
3.1 Tires 3.2 Dim 3.3 Dim 3.5 Num 3.5.2 Num 3.6 Fron 3.7 Rear Dim 4.7 Heig 4.8 Seat	s type ensions of front wheels ensions of rear wheels sher of front wheels / rear wheels sher of drive wheels t wheel gauge wheel gauge ensions tht of overhead guard (cabin)	b11	28-9-15 12 6.50-10 10 2 / 2 2 1005 mm
3.2 Dims 3.3 Dims 3.5 Num 3.5.2 Num 3.6 Fron 3.7 Rear Dims 4.7 Heig 4.8 Seat	ensions of front wheels ensions of rear wheels aber of front wheels / rear wheels aber of drive wheels t wheel gauge wheel gauge ensions ht of overhead guard (cabin)	b11	28-9-15 12 6.50-10 10 2 / 2 2 1005 mm
3.3 Dims 3.5 Num 3.5.2 Num 3.6 Fron 3.7 Rear Dims 4.7 Heig 4.8 Seat	ensions of rear wheels ber of front wheels / rear wheels ber of drive wheels t wheel gauge wheel gauge ensions ht of overhead guard (cabin)	b11	6.50-10 10 2 / 2 2 1005 mm
3.5 Num 3.5.2 Num 3.6 Fron 3.7 Rear Dim 4.7 Heig 4.8 Seat	iber of front wheels / rear wheels iber of drive wheels t wheel gauge wheel gauge ensions ht of overhead guard (cabin)	b11	2 / 2 2 1005 mm
3.5.2 Num 3.6 Fron 3.7 Rear Dim 4.7 Heig 4.8 Seat	ber of drive wheels t wheel gauge wheel gauge ensions ht of overhead guard (cabin)	b11	2 1005 mm
3.6 From 3.7 Rear Dim 4.7 Heig 4.8 Seat	t wheel gauge wheel gauge ensions ht of overhead guard (cabin)	b11	1005 mm
3.7 Rear Dim 4.7 Heig 4.8 Seat	wheel gauge ensions ht of overhead guard (cabin)	b11	
4.7 Heig 4.8 Seat	ensions ht of overhead guard (cabin)		975 mm
4.7 Heig 4.8 Seat	ht of overhead guard (cabin)	h6	
4.8 Seat		h6	
	height/stand height		2130 mm
	height/stand height	h7	1215 mm
4.12 Heig	ht of towing bar (coupling height)	h10	355 mm
	all length	I1	3875 mm
	yth to face of forks	12	2715 mm
-	all width	b1	1225 mm
	all width - Single wheels	b1	1225 mm
	s section / width / length	s / e / l	45 mm x 122 mm x 1150 mm
	carriage ISO 2328 (class/form) A/B	37671	3A
		b3	1100 mm
	carriage width		130 mm
	Indiclearance below mast	m1	
	and clearance at centre of wheelbase	m2	200 mm
	e Width for pallets 1000 x 1200 crossways	Ast	4140 mm
	e width for 800 x 1200 pallet lengthways	Ast	4340 mm
	ing radius	Wa	2460 mm
	nal turning radius (over tyres)	b13	160 mm
	omances		
5.1 Trave	el speed (laden / unladen)		18 km/h-18.50 km/h
5.2 Liftin	ng speed (laden / unladen)		0.45 m/s-0.52 m/s
5.3 Lowe	ering speed (laden / unladen)		0.43 m/s-0.48 m/s
5.5 Draw	vbar pull (Laden / Unladen)		1600 daN / 1380 daN
5.7 Grad	leability (laden / unladen)		20 % / 20 %
5.10 Servi	ce brake		Hydraulic
Tran	smission type		Torque converter
Engi	ne		
	ne brand / model / norm		Yanmar / 4TNV94L-BXPHZ / Stage IIIA
-	Engine power rating		35 kW
	d speed		2400 rpm
	ber of cylinders / Capacity of cylinders		4 - 3054 cm³
	cellaneous		- 000+ CIII
			160 bar
	ring hydraulic pressure for attachments		
	low rate for attachments		69 l/min
	sured/guaranteed mean noise level at the ear of the operator nd level at the driver's ear according to DIN 12 053		< 84 dB 84 dB

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	۰	6	6	6	6
β - Mast/fork carriage tilt, backward	٠	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	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	۰	6	6	6	3	3	3
β - Mast/fork carriage tilt, backward	۰	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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