TECHNICAL DATA SHEET

MC18

Rough-terrain forklift



MANITOU
HANDLING YOUR WORLD

1800 kg

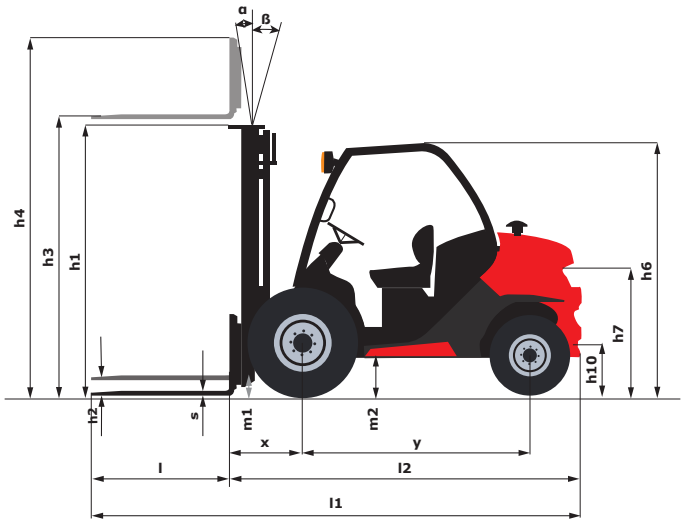
TECHNICAL SPECS

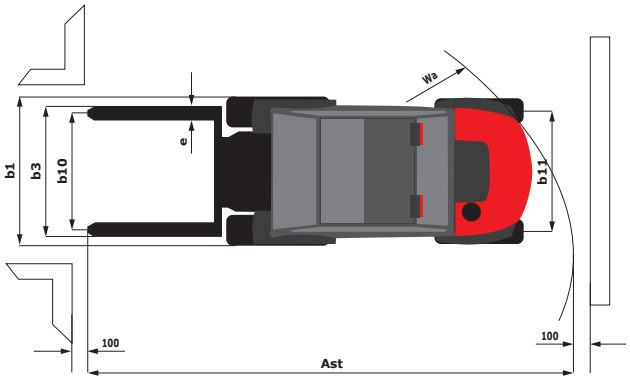
SPECIFICATIONS	1.1	Manufacturer			**MANITOU**	**MANITOU**
	1.2	Model			**MC 18-2**	**MC 18-4**
	1.3	Power source			Diesel	Diesel
	1.4	Driving position			Seated	Seated
	1.5	Nominal capacity	Q	kg	1800	1800
	1.6	Load- centre of gravity	c	mm	500	500
	1.8	Distance from the load-bearing surface to centre of front axle	x	mm	616	616
	1.9	wheelbase	y	mm	1900	1900
WEIGHTS	2.1	Operating weight		kg	3405	3562
	2.2	Axle load, with load, front / rear		kg	4555 / 650	4692 / 670
	2.3	Axle load, without load, front / rear		kg	1625 / 1780	1662 / 1900
TYRES	3.1	Tyre equipment: cushion (V), superelastic (SE), pneumatic (L) L			L	L
	3.2	Size of front wheels			12,5/80-18/12 SL R4	12,5/80-18/12 SL R4
	3.3	Size of rear wheels			7,00-12/12 ED PLUS	27x10-12 SKS
	3.5	Number of front wheels (x = drive wheel) / rear wheels			2x / 2	2x / 2x
	3.6	Front wheel gauge (middle of wheels)	b10	mm	1159	1159
	3.7	Rear wheel gauge (middle of wheels)	b11	mm	1112	1176
DIMENSIONS	4.1	Tilt of mast forwards / backwards (1)	α / β	deg	10 / 12	10 / 12
	4.2	Height mast lowered	h1	mm	2340	2330
	4.3	Free lift	h2	mm	90	90
	4.4	Lift height	h3	mm	3300	3300
	4.5	Height mast extended	h4	mm	4176	4176
	4.7	Height of overhead guard (cabin / buggy version / cabin w/air conditionning)	h6	mm	2145 / 1990 / 1990	2145 / 1990 / 1990
	4.8	Height of seat	h7	mm	1034	1094
	4.19	Overall lenght	l1	mm	4050	4050
	4.20	Lenght at fork heels	l2	mm	2950	2950
	4.21	Total width (overall)	b1	mm	1450	1450
	4.22	Fork dimensions	s / e / l	mm	35 / 100 / 1100	35 / 100 / 1100
	4.23	Fork carriage to DIN 15173 A/B FEM4A			FEM 2A	FEM 2A
	4.24	Width of fork carriage	b3	mm	1260	1260
	4.31	Ground clearance below mast	m1	mm	300	300
	4.32	Ground clearance at centre of wheel-base	m2	mm	320	310
	4.33	Width of aisle for pallet 1000 x 1200 crossways	Ast	mm	4401	5186
	4.35	Turning radius	Wa	mm	2585	3370
PERFORMANCES	5.1	Speed of travel unladen 2WD/4WD		km/h	25 /-	25 / 14
	5.2	Speed of raise laden / unladen		m/s	0,4 / 0,4	0,4 / 0,4
	5.3	Speed of lowering laden / unladen		m/s	0,4 / 0,4	0,4 / 0,4
	5.5	Nominal towing power laden / unladen		daN	1080 / 1100	1860 / 1950
	5.7	Gradeability with / without load		%	21 / 34	37 / 65
	5.10	Service brake			Hydraulic	Hydraulic
MOTORS	7.1	Manufacturer /Type of engine			KUBOTA /V1505	KUBOTA /V1505
	7.2	Power delivery		kW	26,5	26,5
	7.3	Rated speed		tr/min	3000	3000
	7.4	Number of pistons / Cubic capcity		cm^3	4- 1498	4- 1498
	7.5	Fuel consumption acc. to VDI cycle		L/h	3,5	4
MISCELLAN.	8.1	Power control			Cable	Cable
	8.2	Operating pressure for attachments		bar	180	180
	8.3	Oil flow for attachments		l/min	39	39
	8.4	Average noise level for the driver (in motion) measured / guaranteed		db (A)	79	81

1- Values with Duplex mast

Data is based on standard configurations (forks, mast).
Performance data and dimensions are nominal and subject to tolerances.
Manitou products and their specifications are subject to change without notice.

DIMENSIONAL DRAWINGS





MASTS AND RESIDUAL CAPACITIES

MC 18			Total visibility Duplex			Total visibility Triplex	Triplex free lift					
			DVT33	DVT37	DVT45	TVT33	TLL37	TLL40	TLL43	TLL47	TLL50	TLL55
h3	Lift height	mm	3300	3700	4500	3300	3700	4000	4300	4700	5000	5500
h1	Height mast lowered	mm	2340	2600	3040	1880	1990	2135	2190	2340	2440	2600
h2	Free lift	mm	90	90	90	0	1216	1316	1416	1566	1666	1826
h4	Height mast extended w/o backrest	mm	4176	4576	5376	4115	4514	4814	5114	5514	5814	6314
	Residual capacity w/o attachment	kg	1800	1800	1000	1800	1800	1000	1000	1000	-	
	Tilt of mast forwards / backwards	deg	10 / 12	10 / 12	10 / 12	10 / 12	10 / 12	10 / 12	10 / 12	10 / 12	6 / 6	6 / 6

Your dealer :

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