

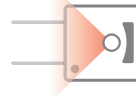


- Operating voltage: 36V
- Nominal capacity: 1000kg (600mm load centre)
- Lifting height of up to 5380mm
- Curve speed control (CSC)
- Electric steering
- AC traction motor and pump



TWO RIDER SET-UPS PROPOSED:

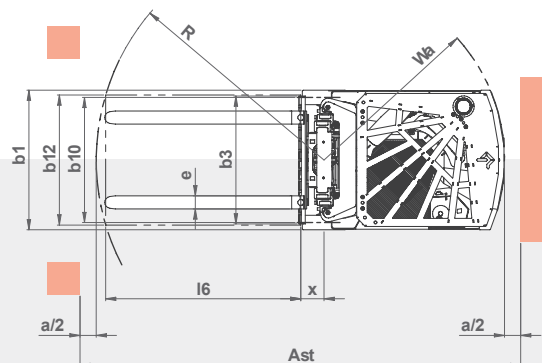
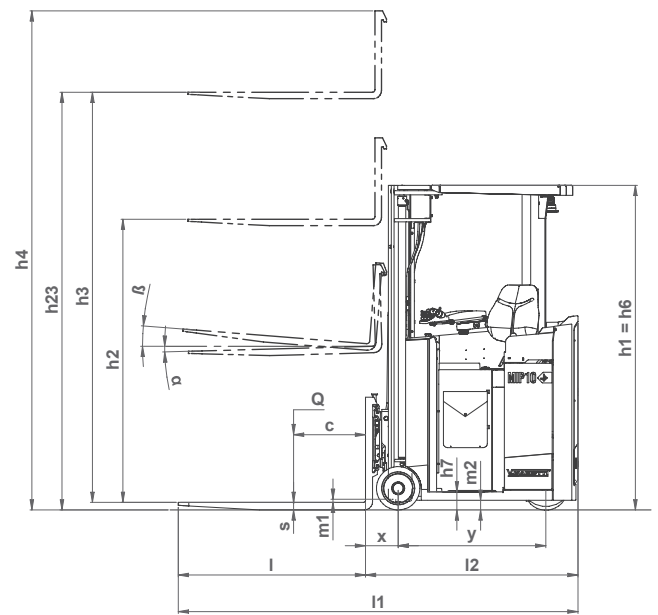
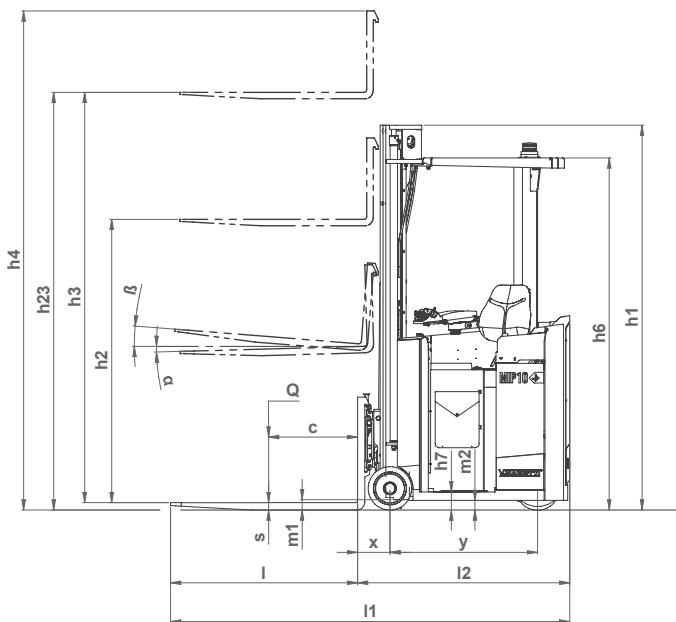
**FORWARD
FACING**



**SIDE
FACING**



MIP 10 MIP 10 S



Illustrations and technical specifications are indicative only.
The manufacturer reserves the right to make changes without notice.

$a/2 = 100 \text{ mm}$

	1.1	Manufacturer			V.MARIOTTI S.r.l.			V.MARIOTTI S.r.l.		
		Model			MIP 10			MIP 10 S		
CHARACTERISTICS	1.2	Type of Mast			Simplex	Duplex	Triplex	Simplex	Duplex	Triplex
	1.3	Type of drive			Electric			Electric		
	1.4	Operator type			Stand-up			Stand-up		
	1.5	Load capacity/rated load	Q	kg	1000			1000		
	1.6	Load centre distance	c	mm	600			600		
	1.8	Load distance	x	mm	143 - [200] ▲			143 - [200] ▲		
	1.9	Wheel base min / max (adjustable)	y	mm	908			908		
	1.9	Wheel base min / max (adjustable)	y	mm	908			908		
WEIGHTS	2.1	Net weight incl. battery (see row 6.5)		kg	2200 ■	2250 ■	2340 ■	2180 ■	2210 ■	2300 ■
	2.2	Axle load, with load, front / rear		kg	2690 / 510	2740 / 510	2850 / 490	2660 / 520	2690 / 520	2810 / 490
	2.3	Axle load, without load, front / rear		kg	850 / 1350	890 / 1360	960 / 1380	830 / 1350	860 / 1350	940 / 1360
WHEELS	3.1	Tyres			Polyurethane			Polyurethane		
	3.2	Tyre size front		mm	267x89-203			267x89-203		
	3.3	Tyre size rear		mm	267x120-203			267x120-203		
	3.5	Wheels, number front/rear (◊ = driven wheels)			2/1◊			2/1◊		
	3.6	Track width, front	b ₁₀	mm	769			769		
DIMENSIONS	4.1	Tilt of fork carriage forward/backward	α/β	<°	[2° / 4°] ▲			[2° / 4°] ▲		
	4.2	Closed mast height	h ₁	mm	2366			1996		
	4.3	Free lift	h ₂	mm	1840 - [1780] ▲	1840 - [1780] ▲	1840 - [1780]	1480 - [1410] ▲	1480 - [1410] ▲	1480 - [1410] ▲
	4.4	forks lifting	h ₃	mm	1800 - [1725] ▲	3560 - [3495] ▲	5340 - [5265] ▲	1440 - [1355] ▲	2940 - [2855] ▲	4438 - [4355] ▲
		Lifting height	h ₂₃	mm	1840 - [1770] ▲	3600 - [3540] ▲	5380 - [5310]	1480 - [1400] ▲	2980 - [2900] ▲	4480 - [4400] ▲
	4.5	Height mast extended	h ₄	mm	2366 - [2450] ▲	4134 - [4212] ▲	5906 - [5980] ▲	1999 - [2082] ▲	3496 - [3575] ▲	4996 - [5076] ▲
	4.7	Height of overhead guard	h ₆	mm	2165			1996		
	4.8	Stand height	h ₇	mm	110			110		
	4.19	Overall length	l ₁	mm	2398 [2456] ▲			2398 [2456] ▲		
	4.20	Length including back of forks	l ₂	mm	1248 [1306] ▲			1248 [1306] ▲		
	4.21	Overall width	b ₁	mm	858			858		
	4.22	Fork dimensions	s/e/l	mm	40x80x1150 - [45x80x1150] ▲			40x80x1150 - [45x80x1150] ▲		
	4.23	Forks carriage ISO 2328, Class/form A, B			ISO II/A - [ISO II Speciale] ▲			ISO II/A - [ISO II Speciale] ▲		
	4.24	Forks carriage width	b ₃	mm	670 - [786] ▲			670 - [786] ▲		
	4.31	Floor clearance with load under mast	m ₁	mm	53			53		
	4.32	Floor clearance centre wheelbase	m ₂	mm	58			58		
	4.33	Aisle width for pallets 1000 × 1200 sideways	A _{st}	mm	2601 [2651] ▲			2601 [2651] ▲		
	4.34	Aisle width for pallets 800 × 1200 lengthways	A _{st}	mm	2711 [2766] ▲			2711 [2766] ▲		
	4.35	Turning radius	W _a	mm	1110			1110		
PERFORMANCE	5.1	Driving speed with/without load		km/h	7,9 / 8			7,9 / 8		
	5.2	Lift speed with/without load		m/s	0,28 / 0,38			0,28 / 0,38		
	5.3	Lowering speed with/without load		m/s	0,35 / 0,26			0,35 / 0,26		
	5.7	Gradeability, with/without load		%	5 / 6			5 / 6		
	5.8	Max. Gradeability, with/without load		%	5 / 6			5 / 6		
	5.10	Service brake			Electromagnetic braking system			Electromagnetic braking system		
ELECTRIC SYSTEM	6.1	Drive motor rating S2 60 min.	kW	kW	2,2			2,2		
	6.2	Lift motor rating at S3 20%	kW	kW	6,5			6,5		
	6.4	Battery voltage/nominal capacity K5	V/Ah	V/Ah	36/310			36/310		
	6.5	Battery weight (±5%)	kg	kg	390			390		
	8.1	Type of drive control			AC MOSFET			AC MOSFET		
OTHER	8.2	Working pressure for attachments	bar	bar	180			180		
	8.4	Sound pressure level at operator's ear	db(A)	db(A)	<70			<70		

- ▲ [With optional fork tilt and/or side shift]
 ■ Weight may vary depending on the optionals chosen

In accordance with VDI Guideline 2198 this specification sheet provides details of the standard truck only. Non-standard tyres, different masts, optional equipment, etc. may result in different values.
 Data shown are not binding and are liable to variations. The constructor reserves the right of changes without notice.

