

100
years



V.MARIOTTI
SINCE 1920
COMPACT FORKLIFT SOLUTIONS

MIP10



STAND UP TO YOUR WAREHOUSING CHALLENGES!

Compact and adaptable, the MIP is the new stand-up counterbalanced electric rider designed to tackle the trickiest handling and stacking needs, with a high residual capacity to ensure neat and tidy warehouses.

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





MIP 10

FEATURES

- Picking
- Loading and stacking
- Narrow aisles and spaces
- Versatile, intuitive, easy to handle
- Designed for intensive use



ERGONOMIC COMFORT AND SAFETY

- Maximum front, side, and rear-view visibility
- Padded backrest
- Controls built into the armrest for intuitive operation
- Height-adjustable controls and backrest
- Rider height just 110mm from the floor for easy step-on access

PERFORMANCE

- 36V/310Ah battery (optional 38.4V/210Ah lithium battery)
- 1000kg capacity (600mm load centre)
- Lifting height of up to 5380mm
- Electric steering
- L₂ length: 1248mm
- B₁ width: 858mm

MAINTENANCE AND ASSISTANCE

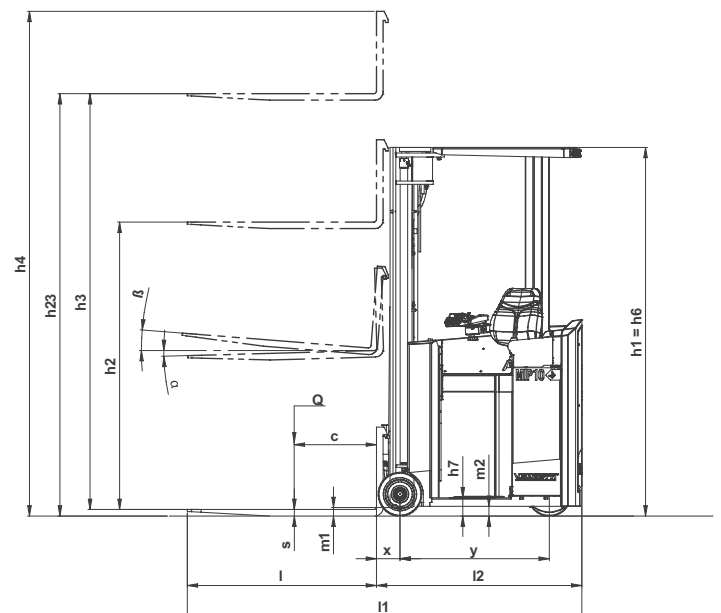
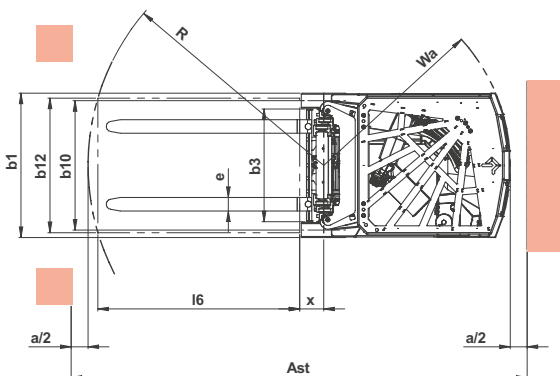
- Easy-to-reach components and batteries
- Maintenance-free electric motor
- Diagnostic console integrated into the dashboard

SAFETY

- Curve speed control (CSC)
- Automatic speed limiter on traction and hydraulics when forks are raised ("safe" mode)
- Manually-engageable speed limiter ("turtle" mode)
- Standard amber strobe light and optional red and blue safety spotlights

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

- ▲ [Optional fork tilting and side shifter]
 ■ 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.



— We stand by operators

The cabin is designed for **ergonomic comfort and safety**.

From the height-adjustable and comfortable backrest to the controls, chassis, and glovebox, every detail is designed to make work easy for operators and guarantee their safety. The stand-up driving position to the side ensures **maximum operating visibility** and load control.



— Easy to operate

The armrest is designed for **comfortable and intuitive operation**, with built-in controls for traction, the horn, and hydraulic operations:

- load handling (up and down)
- fork tilting (optional)
- side shifting (optional)



— All under control

The **multi-function display** keeps operators in control of battery levels, speed, and steering wheel position, and signals the presence of the operator when on board.

A button directly on the display enables **“turtle” mode** to be engaged, which limits traction speed and acceleration for better manoeuvring in tight spaces.



— Trouble-free maintenance

All the truck's components and batteries are within easy reach to make servicing fast and simple, minimizing maintenance time and costs.

