

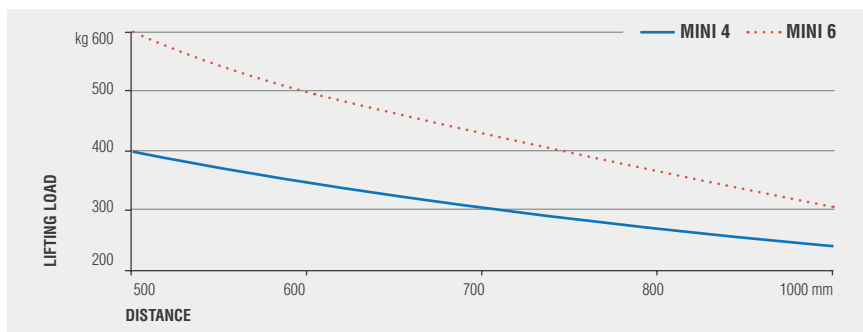


MINI 4 - 6

- Traction motor AC
- Power steering
- Hydraulic brakes
- Battery up to 24 V 375 Ah
- Lifting height to 4280 mm
- Electronic lift control
- AST 2440 mm

MAST DETAILS MINI 4 - 6

HEIGHT		STANDARD INCL. SIDE-SHIFT	DUPLEX INCL. SIDE-SHIFT	TRIPLEX INCL. SIDE-SHIFT
Lifting	h_{23}	2900	2850	4280
Height mast collapsed	h_1	1900	1900	1900
Height mast extended	h_4	3460	3420	4850
Free lift	h_2	-	1424	1424
Width MINI 4-6	b_1	848	848	910

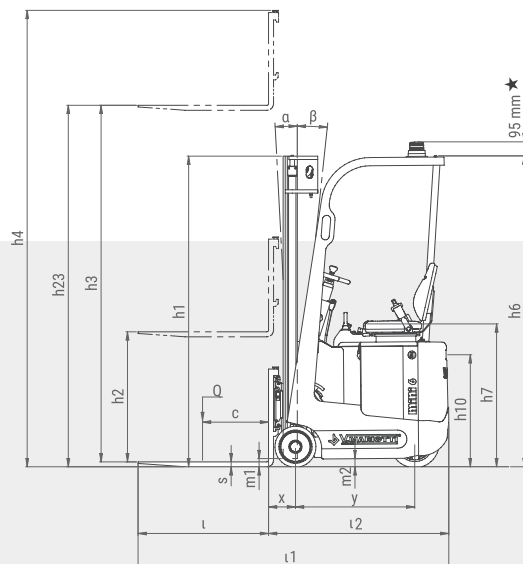
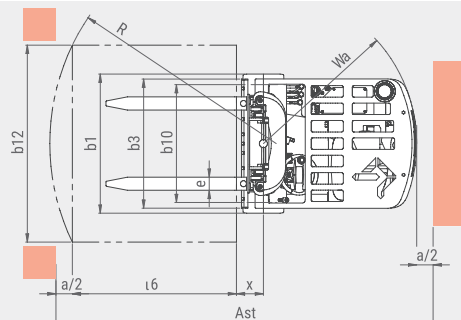


Data showed are not binding and are liable to variations.
The constructor reserves the right of changes without notice.

$a/2 = 100$ mm

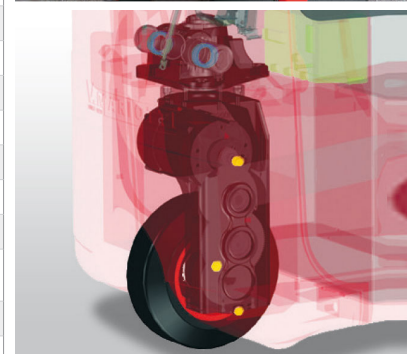
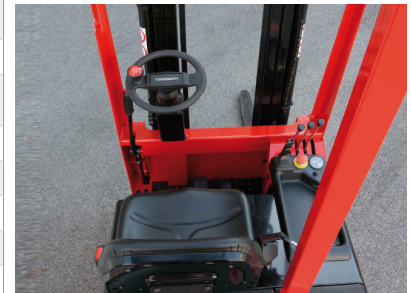
★ On demand installation of the strobo light under the height of the overhead guard **h6**

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.



	1.1	Manufacturer			V.MARIOTTI S.r.l.	
	1.2	Model			MINI 4	MINI 6
	1.3	Type of drive			electric	electric
	1.4	Operator type			seated	seated
CHARACTERISTICS	1.5	Load capacity/rated load	Q	kg	400	600
	1.6	Load centre distance	c	mm	500	500
	1.8	Load distance	x	mm	162 ●	162 ●
	1.9	Wheel base min / max (adjustable)	y	mm	700 / 771	700 / 771
WEIGHTS	2.1	Service weight incl. battery (see row 6.5)		kg	1300 ■	1400 ■
	2.2	Axle load, with load, front / rear		kg	1400 / 300	1680 / 320
	2.3	Axle load, without load, front / rear		kg	630 / 670	650 / 750
WHEELS	3.1	Tyres: Superelastic (SE), Cushion (V)			V	V
	3.2	Tyre size front		mm	250x130x189	250x130x189
	3.3	Tyre size rear		mm	300x120x203	300x120x203
	3.5	Wheels, number front/rear (◆ = driven wheels)			2 / 1 ◆	2 / 1 ◆
DIMENSIONS	3.6	Track width, front	b ₁₀	mm	718	718
	4.1	Tilt of mast/fork carriage forward/backward	α/β	<°	2° / 4°20'	2° / 4°20'
	4.2	Collapsed mast height	h ₁	mm	1900	1900
	4.3	Free lift	h ₂	mm	\	\
	4.4	forks lifting	h ₃	mm	2870	2870
		Lifting height	h ₂₃	mm	2900	2900
	4.5	Height mast extended	h ₄	mm	3460	3460
	4.7	Height of overhead guard	h ₆	mm	1900	1900
	4.8	Seat height	h ₇	mm	880	880
	4.12	Coupling height	h ₁₀		680	680
	4.19	Overall length	l ₁		1895	1895
	4.20	Length including back of forks	l ₂	mm	1095 ●	1095 ●
	4.21	Overall width	b ₁	mm	848	848
	4.22	Fork dimensions	s/e/l	mm	30x80x800	30x80x800
	4.23	Forks carriage ISO 2328, Class/form A, B			ISO I	ISO I
	4.24	Forks carriage width	b ₃	mm	786	786
	4.31	Floor clearance with load under mast	m ₁	mm	50	50
	4.32	Floor clearance centre wheelbase	m ₂	mm	50	50
	4.33	Aisle width for pallets 1000 x 1200 sideways	A _{st}	mm	2440	2440
	4.34	Aisle width for pallets 800 x 1200 lengthways	A _{st}	mm	2552	2552
	4.35	Turning radius	W _a	mm	933 ▲	933 ▲
PERFORMANCE	5.1	Driving speed with/without load		km/h	6 / 6,5	6 / 6,3
	5.2	Lifting speed with/without load		m/s	0,210 / 0,230	0,190 / 0,230
	5.3	Lowering speed with/without load		m/s	0,300 / 0,240	0,300 / 0,240
	5.6	Max. drawbar pull, with/without load		N	1500 / 1700	1500 / 1700
	5.7	Gradeability, with/without load		%	13 / 14	12/ 13
	5.8	Max Gradeability, with/without load		%	/	/
	5.10	Service brake			hydraulic	hydraulic
ELECTRIC SYSTEM	6.1	Driving motor rating S2 60 min.		kW	2	2
	6.2	Lifting motor rating at S3 20%		kW	3	3
	6.4	Battery voltage/nominal capacity K5		V/Ah	24/270 - 24/375	24/375
	6.5	Battery weight		kg	255 ■ - 305	305 ■
OTHER	8.1	Type of drive control			AC MOSFET	AC MOSFET
	8.2	Working pressure for attachments		bar	85	95
	8.4	Sound pressure level at operator's ear		db(A)	-	-

- ▲ with mast in vertical position
● included side-shift



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