

# **Raniero**

**CARRELLI ELEVATORI - FORKLIFTS**

**AC120-6-CO-HT 96V**

**AC140-6-CO-HT 96V**

**Compact version  
with High Tilt cylinder**

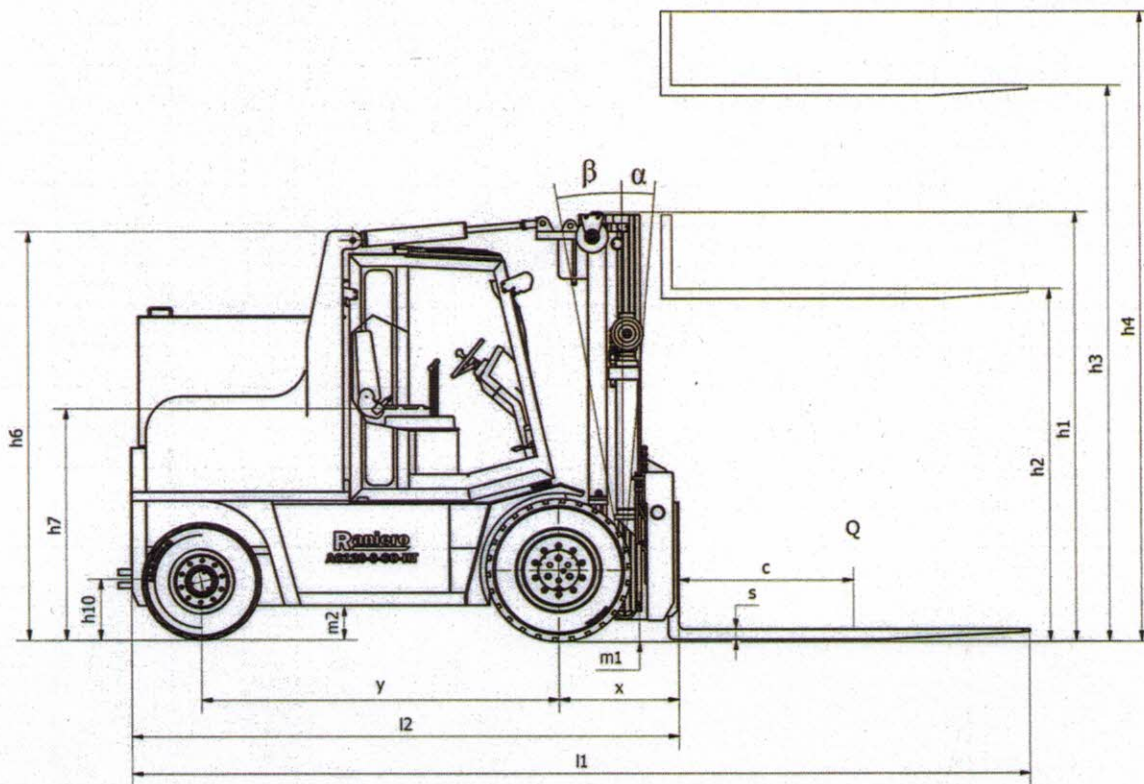




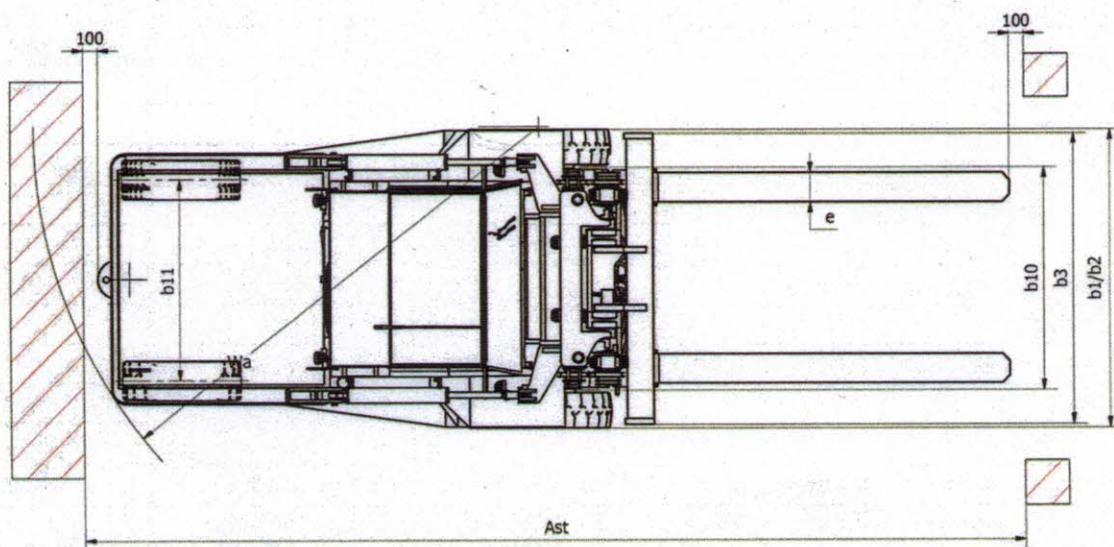
				RANIERO	RANIERO	
				AC120-6-CO-HT 96V	AC140-6-CO-HT 96V	
Characteristics	1.1	Manufacturer				
	1.2	Model designation				
	1.3	Power unit		Battery	Battery	
	1.4	Operation		Seat	Seat	
	1.5	Load capacity	Q	Kg	12000	12000
	1.6	Load centre	c	mm	600	600
	1.8	Axle centre to fork face	x	mm	810	840
	1.9	Wheelbase	y	mm	2450	2550
Weights	2.1	Service weight		Kg	18550	20090
	2.2	Axle load with load, front/rear		Kg	27331 / 3219	30450 / 3640
	2.3	Axle load without load, front/rear		Kg	8290 / 10260	8590 / 11500
Tyres	3.1	Tyres (SE= solid, CU= cushion, PL= polyuretane)			SE	SE
	3.2	Tyres size, front			9.00-20	11,0-20
	3.3	Tyres size, rear			3.00-15	3.55/65-15
	3.5	Wheels, number front/rear			4 / 2	4 / 2
	3.6	Track width, front	b10	mm	1532	1558
	3.7	Track width, rear	b11	mm	1428	1470
	Dimensions	4.1	Mast tilt, forward/backward	$\alpha$	$\beta$	5° / 9°
4.2		Height of mast, lowered	h1	mm	3000	3330
4.3		Free lift	h2	mm	0	0
4.4		Lift	h3	mm	3200	3200
4.5		Height of mast, extended	h4	mm	4600	4920
4.7		Height of overhead guard	h6	mm	2800	2800
4.8		Height of seat	h7	mm	1550	1550
4.12		Towing coupling height	h10	mm	425	425
4.19		Overall length	l1	mm	4920	5050
4.20		Length to fork face	l2	mm	3720	3850
4.21		Overall width (b1= single tyre, b2= twin tyres)	b1/b2	mm	2050	2100
4.22		Forks dimensions	sxexl	mm	70x200 x 1200	70x200 x 1200
4.23		Fork carriage ISO 2328 (FEM class), TPS, TWL			TWL	TWL
4.24		Width of fork carriage	b3	mm	2000	2000
4.31		Ground clearance, below mast	m1	mm	200	200
4.32		Ground clearance, centre of wheelbase	m2	mm	220	220
4.33		Aisle width with pallet 1800X1800 across forks	Ast3	mm	6000	6130
4.35	Turning radius	Wa	mm	3790	3890	
Performance	5.1	Travel speed, with / without load		Km/h	13 / 14	13 / 14
	5.2	Lifting speed, with / without load		m/s	0,18 / 0,21	0,18 / 0,21
	5.3	Lowering speed, with / without load		m/s	0,31 / 0,28	0,31 / 0,28
	5.6	Maximum tractive force, with / without load		N	3500	3500
	5.8	Maximum climbing ability, with / without load		%	8 / 12	8 / 12
	5.10	Service brake			Hydraulic	Hydraulic
Drive	6.1	Drive motor, 60 min. rating		kW	36	36
	6.2	Lift motor rating at S3 20%		kW	45	45
	6.4	Battery voltage / Rated capacity (5h)		V / Ah	96 / 1250-1550	96 / 1400-1550
	6.5	Battery weight		Kg	4200	4200
Others	8.1	Type of drive control			Electronic in AC	Electronic in AC
	8.2	Operating pressure		bar	220	220
	8.3	Oil flow for attachments		lt	60	60
	8.4	Noise level at operators ear		dB	86	86

Dimensions +/- 2% - Performance +/- 5%





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