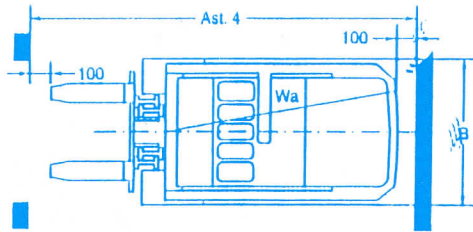
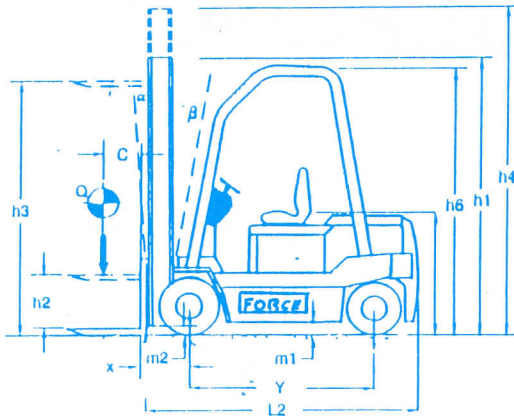




Force Series

100 - 120

MAST OVERALL DIMENSIONS



TYPE OF MAST	H3	H1	H2	H4
DUPLEX FULL VISIBILITY	3300	2665	-	4300
	3600	2815	-	4600
	4000	3015	-	5000
	4500	3265	-	5500
	5000	3515	-	6000
DUPLEX FULL FREE LIFT	2900	2465	1365	3950
	3300	2665	1565	4250
	3600	2815	1715	4550
	4000	3015	1915	4950
TRIPLEX FULL FREE LIFT	4400	N.D.	N.D.	N.D.
	5200	N.D.	N.D.	N.D.
	5600	N.D.	N.D.	N.D.
	6000	N.D.	N.D.	N.D.
	7000	N.D.	N.D.	N.D.

Force 100 - REST CAPACITY

load centre (mm)	duplex full visibility - duplex full free lift mast						triplex full free lift mast				
	2900	3300	3600	4000	4500	5000	4400	5200	5600	6000	7000
600	10000	10000	10000	9900	9750	9400	9600	9000	8550	8050	7000
800	8650	8650	8650	8550	8400	8050	8300	7750	7400	6950	6050
1200	6800	6800	6800	6700	6550	6200	6550	6150	5850	5450	4800

Force 120 - REST CAPACITY

load centre (mm)	duplex full visibility - duplex full free lift mast						triplex full free lift mast				
	2900	3300	3600	4000	4500	5000	4400	5200	5600	6000	7000
600	10000	10000	10000	9900	9750	9400	9600	9000	8550	8050	7000
800	8650	8650	8650	8550	8400	8050	8300	7750	7400	6950	6050
1200	6800	6800	6800	6700	6550	6200	6550	6150	5850	5450	4800

Rest capacity with integrated side shifter = -100 Kg



Force Series 100 - 120

features	01	Manufacturer		Nuova C.T.C. s.r.l.				
	02	Model		FK 100	FK 120			
	03	Capacity	Q	Rated load	Kg	10000	12000	
	04	Load centre	C	Distance	mm	600	600	
	05	Motor type		Electric (Battery)		ELECTRIC	ELECTRIC	
	06	Driving position		Operator: standing - sitting - walking		SITTING	SITTING	
	07	Tyres		C=Cushion SE=Superelast. P=Pneumatic		SE.C./SE.	SE.C./SE.	
	08	Wheels (X=driving wheels)		Number front / rear		4X/2	4X/2	
dimensions	09	Lifting with duplex mast	h3	Standard lifting	mm	3300	3300	
	10		h2	Normal free lift	mm	100	100	
	11		h5	Full free lift	mm	/	/	
	12	Standard forks		Length x Width x Thickness - L x W x T mm		200X80X1200	200X80X1200	
	13	Forks carrier		FEM standards complying		FEM IV B	FEM V B	
	14	Tilting		Forward (α) / Backwards (β) incl.°		3°/8°	3°/8°	
	15	Dimensions	L2	Overall length w/out forks	mm	3590	3620	
	16		B	Overall width	mm	2140	2140	
	17		h1	Min. height with closed mast	mm	2665	2665	
	18		h4	Max. height with raised mast	mm	4300	4300	
	19		h6	Height of headguard	mm	2500	2565	
	20		h7	Height of the seat	mm	1550	1550	
	21	Turning radius	Wa	Outer	mm	3550	3550	
22	Load distance	x	From forks to front wheels axle	mm	680*	720*		
23	Gangway width	Ast.4	Pallets 800x1200 / 1200x1200	mm	5240/5640	5270/5670		
perform.	24	Stability		FEM standards		YES	YES	
	25	Drive speed		With / without load		Km/h	10/12	10/12
	26	Lifting speed		With / without load		m/s	0,15/0,20	0,15/0,20
	27	Lowering speed		With / without load		m/s	0,35/0,25	0,35/0,25
	28	Max. towing capacity		Without load		Kg	2000	2000
	29	Max. gradeability		With / without load		%	7/12	7/12
wgt	30	Weight with battery		Standard lifting mast		Kg	13500	15200
	31	Axle load - laden		Front / rear axle		Kg	21347/2153	24802/2398
		Axle load - unladen		Front / rear axle		Kg	5800/7700	5990/9210
chassis	32	Wheels		Number: front / rear		N.	4/2	4/2
	33			Size: front			8.25-20	8.25-20
	34			Size: rear			8.25-15	8.25-15
	35	Wheel base	Y		mm	2320	2320	
	36	Track		Front wheels axle		mm	1620	1620
	37	Ground clearance		Minimum		mm	200	200
	38			m1		Wheel base axle	mm	230
	39	Brakes		Pedal service brake			HYDRAULIC	HYDRAULIC
40	Hand parking brake				MECHANIC	MECHANIC		
drive unit	41	Battery		Type			TUBULAR	TUBULAR
	42			Tension / capacity		V/Ah	96/1050	96/1050
	43			Minimum weight		Kg	3600	3600
	44	Electric motors		Driving, S2 power		KW	27	27
	45			Lifting, S3 25% power		KW	24	24
	46	Steering		Type HYDRAULIC		KW	2	2
	47	Transmission		Type			MOSFET	MOSFET
	48	Hydraulic system		Max. pressure		bar	150	150

*With integral side shifter = + 70 mm..

For modifications and improvements, the above data are not binding.