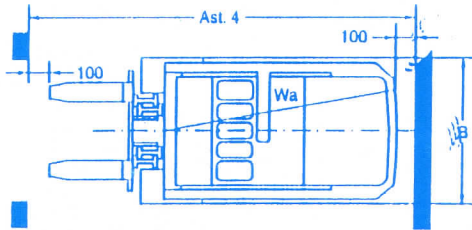
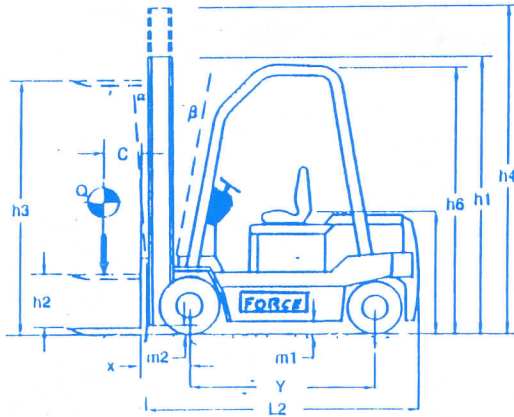




Force Series

80 - 90

MAST OVERALL DIMENSIONS



TYPE OF MAST	H3	H1	H2	H4
DUPLEX FULL VISIBILITY	3300	2610	-	4300
	3600	2800	-	4680
	4000	2990	-	5050
	4500	3230	-	5540
	5000	3460	-	6000
DUPLEX FULL FREE LIFT	2900	2400	1370	3935
	3300	2620	1600	4385
	3600	2760	1740	4700
	4000	2920	1900	5000
TRIPLEX FULL FREE LIFT	4400	2390	1370	5370
	5200	2700	1670	6170
	5600	2850	1820	6530
	6000	3000	1970	6970
	7000	3480	2450	8070

Force 80 - REST CAPACITY

load centre (mm)	duplex full visibility - duplex full free lift						triplex full free lift mast				
	2900	3300	3600	4000	4500	5000	4400	5200	5600	6000	7000
600	8000	8000	8000	7900	7700	7400	7600	7000	6550	6050	5000
800	6900	6900	6900	6800	6600	6350	6550	6000	5650	5200	4300
1200	5400	5400	5400	5300	5200	5000	5100	4700	4400	4000	3350

Force 90 - REST CAPACITY

load centre (mm)	duplex full visibility - duplex full free lift						triplex full free lift mast				
	2900	3300	3600	4000	4500	5000	4400	5200	5600	6000	7000
600	9000	9000	9000	8900	8700	8400	8600	8000	7500	7000	6000
800	7750	7750	7750	7650	7500	7200	7400	6900	6550	6000	5150
1200	6050	6050	6050	6000	5850	5650	5800	5400	5050	4700	4050

Rest capacity with integrated side shifter = -100 Kg



Force Series 80 - 90

				Nuova C.T.C. s.r.l.				
features	01	Manufacturer						
	02	Model		FK 80	FK 90			
	03	Capacity	Q	Rated load	Kg	8000	9000	
	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		1200X200X60	1200X200X60	
	13	Forks carrier		FEM standards complying		FEM IV A	FEM V B	
	14	Tilting		Forward (α) / Backwards (β)		incl.°	3°/8°	3°/8°
	15	Dimensions	L2	Overall length w/out forks	mm	3385	3385	
	16		B	Overall width	mm	2140	2140	
	17		h1	Min. height with closed mast	mm	2600	2600	
	18		h4	Max. height with raised mast	mm	4200	4200	
	19		h6	Height of headguard	mm	2503	2503	
	20		h7	Height of the seat	mm	1420	1420	
	21	Turning radius	Wa	Outer	mm	3350	3350	
22	Load distance	x	From forks to front wheels axle	mm	645*	645*		
23	Gangway width	Ast.4	Pallets 800x1200 / 1200x1200	mm	5000/5400	5000/5400		
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	11550	11960	
	31	Axle load - laden		Front / rear axle	Kg	17687/1863	19214/1746	
		Axle load - unladen		Front / rear axle	Kg	5160/6390	5060/6900	
chassis	32	Wheels		Number: front / rear	N.	4/2	4/2	
	33			Size: front		7.50-20	7.50-20	
	34			Size: rear		7.50-15	7.50-15	
	35	Wheel base	Y		mm	2200	2200	
	36	Track		Front wheels axle	mm	1620	1610	
	37	Ground clearance		m2	Minimum	mm	150	145
	38			m1	Wheel base axle	mm	180	190
	39	Brakes		Pedal service brake			HYDRAULIC	HYDRAULIC
Hand parking brake					MECHANIC	MECHANIC		
drive unit	41	Battery		Type		TUBULAR	TUBULAR	
				Tension / capacity	V/Ah	80/720	80/720	
				Minimum weight	Kg	1530	1530	
	44	Electric motors		Driving, S2 power		KW	22	22
				Lifting, S3 25% power		KW	20	20
	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.