

**ETC**

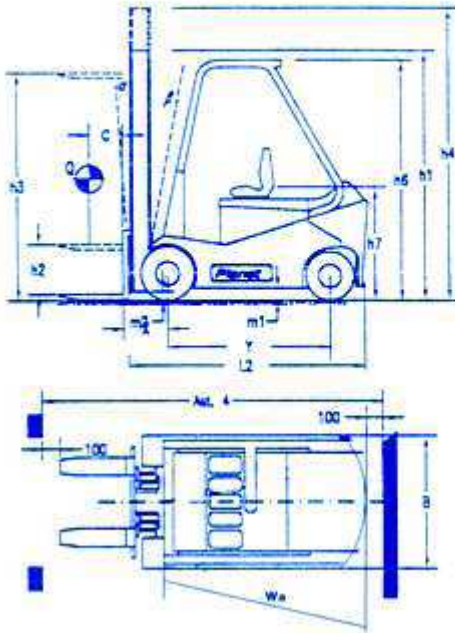
# Planet Series 425 - 430

				Nuova C.T.C. s.r.l.				
<b>features</b>	01	Manufacturer						
	02	Model		PL425	PL430			
	03	Capacity	Q	Rated load	Kg	2500	3000	
	04	Load centre	C	Distance	mm	500	500	
	05	Motor type		Electric (Battery)		ELECTRIC	ELECTRIC	
	06	Driving position		Operator: standing - sitting - walking		SITTING	SITTING	
	07	Tyres		C=Cushion SE=Superelast. P=Pneumatic		P.S.C./C.	P.S.C./C.	
	08	Wheels (X=drive wheel)		Number front / rear		2X/2	2X/2	
<b>dimensions</b>	09	Lifting with duplex mast	h3	Standard lifting	mm	3300	3300	
	10		h2	Normal free lift	mm	140	140	
	11		h5	Full free lift	mm	/	/	
	12	Standard forks		Length x Width x Thickness - L x b x s	mm	130X40X1000	130X45X1000	
	13	Forks carrier		FEM rules complying		FEM II A	FEM III A	
	14	Tilting		Forward (α) / Backwards (β)	incl.	3°/8°	3°/8°	
	15	Dimensions	L2	Overall length w/out forks	mm	2420	2420	
	16		B	Overall width	mm	1260/1600	1260/1600	
	17		h1	Min. height with closed mast	mm	2220	2220	
	18		h4	Max. height with raised mast	mm	3835	3835	
	19		h6	Height of headguard	mm	2060	2060	
	20		h7	Height of the seat	mm	1000	1000	
	21		Turning radius	Wa	Outer	mm	2550	2550
22	Load distance	x	From forks to front wheel axle	mm	460	465		
23	Gangway width	Ast.4	Pallets 800x1200 / 1200x1200	mm	4010/4610	4015/4615		
<b>perform.</b>	24	Stability		FEM rules		YES	YES	
	25	Drive speed		With / without load	Km/h	13/14	13/14	
	26	Lifting speed		With / without load	m/s	0.30/0.35	0.30/0.35	
	27	Lowering speed		With / without load	m/s	0.50/0.40	0.50/0.40	
	28	Max. towing capacity		Without load	Kg	1100	1100	
	29	Max. gradeability		With / without load	%	14/17	14/17	
<b>wgt</b>	30	Weight with battery		Standard lifting		Kg	5250	5480
	31	Axle load - laden		Front / rear axle		Kg	6640/1110	7240/1240
		Axle load - unladen		Front / rear axle		Kg	2320/2930	2450/3030
<b>chassis</b>	32	Wheels		Number: front / rear	N.	2/2	2/2	
	33			Size: front		23X9-10	23X9-10	
	34			Size: rear		18X7X8	18X7X8	
	35	Wheel base	Y		mm	1620	1620	
	36	Track		Front wheels centre	mm	1060	1060	
	37			Minimum	mm	110	120	
	38	Ground clearance	m2	Wheel base centre	mm	110	120	
	39	Brakes		Pedal service brake			HYDRAULIC	HYDRAULIC
				Hand parking brake			MECHANIC	MECHANIC
	<b>drive unit</b>	41	Battery		Type		TUBULAR	TUBULAR
42				Tension / capacity	V/Ah	80/480	80/520	
43				Minimum weight	Kg	1308	1540	
44		Electric motors		Traction, S2 power		KW	12	12
				Lifting, S3 25% power		KW	10	10
45		Steering		Type		HYDRAULIC	HYDRAULIC	
46		Transmission		Type		MOSFET	MOSFET	
47		Hydraulic system		Max. pressure	bar	150	150	

**ETC****Planet**

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**MAST OVERALL DIMENSIONS**

TYPE OF MAST	H3	H1	H2	H4
<b>DUPLEX FULL VISIBILITY</b>	3300	2220	140	3835
	3600	2345	140	4085
	4000	2595	140	4585
	4500	2785	140	4960
	5000	3070	140	5530
<b>DUPLEX FULL FREE LIFT</b>	2900	1980	1390	3480
	3300	2205	1620	3910
	3600	2360	1770	4210
	4000	2580	1990	4660
<b>TRIPLEX FULL FREE LIFT</b>	4400	1985	1405	4930
	4800	2130	1540	5340
	5200	2285	1705	5730
	5600	2435	1860	6130
	6000	2585	2005	6530

### Planet 425 - 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	4800	5200	5600	6000
500	2500	2500	2450	2400	2300	2200	2250	2180	2100	1980	1850
600	2280	2280	2230	2180	2080	1980	2070	1970	1900	1800	1680
750	1980	1980	1930	1880	1800	1730	1880	1730	1680	1560	1480
1000	1630	1630	1580	1530	1480	1420	1480	1430	1350	1250	1150

### Planet 430 - 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	4800	5200	5600	6000
500	3000	3000	2950	2900	2800	2700	2750	2680	2600	2470	2350
600	2720	2720	2670	2620	2520	2440	2480	2430	2350	2230	2120
750	2370	2370	2320	2270	2210	2130	2160	2130	2040	1940	1850
1000	1960	1960	1900	1800	1800	1750	1780	1750	1680	1600	1520

**Rest capacity with integrated side shifter = -50 Kg**

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