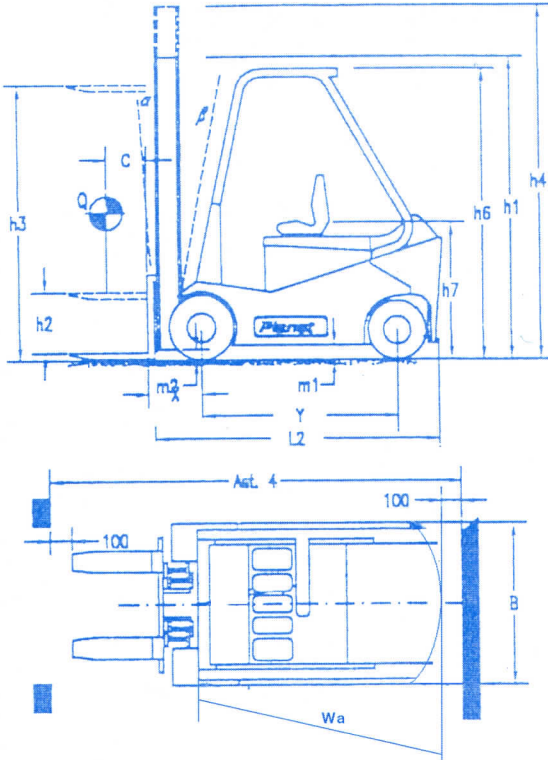




Planet Series

435 - 440

MAST OVERALL DIMENSIONS



TYPE OF MAST	H3	H1	H2	H4
DUPLEX FULL VISIBILITY	3300	2345	150	3950
	3600	2470	150	4200
	4000	2720	150	4700
	4500	2910	150	5080
	5000	3200	150	5650
DUPLEX FULL FREE LIFT	2900	2110	1390	3610
	3300	2330	1620	4040
	3600	2480	1770	4340
	4000	2700	1990	4790
TRIPLEX FULL FREE LIFT	4400	2110	1390	5070
	4800	2260	1540	5470
	5200	2410	1690	5870
	5600	2560	1840	6270
	6000	2710	1990	6670

Planet 435 - 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	3500	3500	3450	3400	3300	3200	3250	3180	3100	2480	2350
600	3180	3180	3130	3080	2980	2880	2950	2890	2820	2250	2130
750	2780	2780	2730	2680	2600	2530	2600	2550	2480	1990	1880
1000	2300	2300	2250	2200	2180	2100	2170	2120	2075	1650	1570

Planet 440 - 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	4000	4000	3950	3900	3800	3700	3750	3680	3600	3470	3350
600	3630	3630	3580	3530	3450	3350	3410	3340	3270	3150	3040
750	3180	3180	3150	3100	3050	2950	3000	2940	2880	2780	2680
1000	2650	2650	2610	2580	2510	2450	2500	2460	2400	2320	2240

Rest capacity with integrated side shifter = -50 Kg



Planet Series 435 - 440

features	01	Manufacturer			Nuova C.T.C. s.r.l.			
	02	Model			PL435	PL440		
	03	Capacity	Q	Rated load	Kg	3500	4000	
	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	
dimensions	09	Lifting with duplex mast	h3	Standard lifting	mm	3300	3300	
	10		h2	Normal free lift	mm	150	150	
	11		h5	Full free lift	mm	/	/	
	12	Standard forks		Length x Width x Thickness - L x b x s	mm	150X50X1000	150X50X1000	
	13	Forks carrier		FEM rules complying		FEM III 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	2345	2345	
	18		h4	Max. height with raised mast	mm	3950	3950	
	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	480	480		
23	Gangway width	Ast.4	Pallets 800x1200 / 1200x1200	mm	4030/4430	4030/4430		
perform.	24	Stability		FEM rules		YES	YES	
	25	Drive speed		With / without load	Km/h	12/14	12/14	
	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
wgt	30	Weight with battery		Standard lifting	Kg	5330	5870	
	31	Axle load - laden		Front / rear axle	Kg	8067/763	8999/871	
		Axle load - unladen		Front / rear axle	Kg	2450/2880	2580/3290	
chassis	32	Wheels		Number: front / rear	N.	2/2	2/2	
	33			Size: front		23X10x12	23X10x12	
	34			Size: rear		18X7X8	18X7X8	
	35	Wheel base	Y		mm	1620	1620	
	36	Track		Front wheels centre	mm	1060	1060	
	37	Ground clearance		m2	Minimum	mm	120	120
	38			m1	Wheel base centre	mm	120	120
	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	80/520	80/520	
	43			Minimum weight		Kg	1540	1540
	44	Electric motors		Traction, S2 power		KW	12	12
	45			Lifting, S3 25% power		KW	12	12
	46	Steering		Type		HYDRAULIC	HYDRAULIC	
	47	Transmission		Type		MOSFET	MOSFET	
	48	Hydraulic system		Max. pressure	bar	150	150	