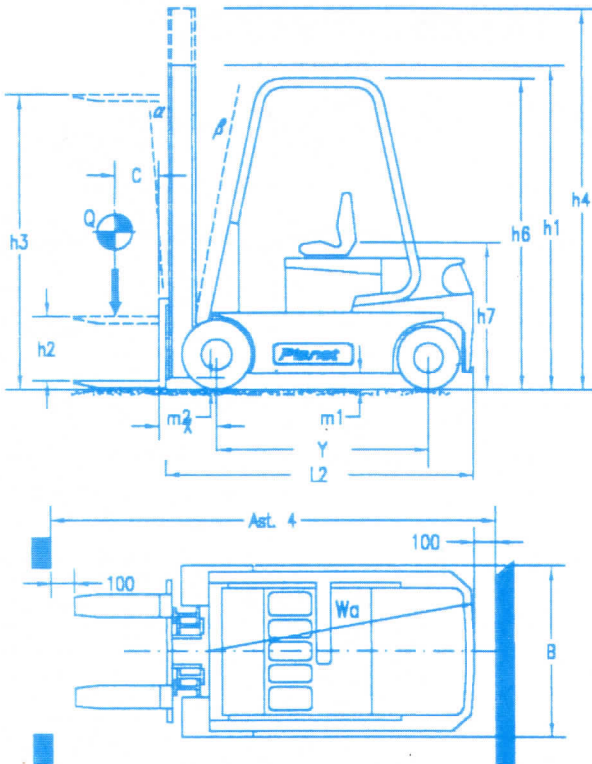




Planet Series

416 - 420 - 423

MAST OVERALL DIMENSIONS



TYPE OF MAST	H3	H1	H2	H4
DUPLEX FULL VISIBILITY	3300	2275	120	3850
	3600	2425	120	4150
	4000	2625	120	4550
	4500	2875	120	5050
	5000	3175	120	5600
DUPLEX FULL FREE LIFT	2900	1980	1405	3470
	3300	2205	1630	3900
	3600	2355	1780	4200
	4000	2550	1930	4500
TRIPLEX FULL FREE LIFT	4400	1985	1405	4930
	4800	2130	1550	5330
	5200	2285	1705	5730
	5600	2435	1860	6130
	6000	2585	2005	6530

Planet 416 - 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	1600	1600	1550	1500	1300	1150	1120	1000	950	880	820
600	1440	1440	1380	1340	1180	1030	1000	940	850	790	740
750	1250	1250	1200	1160	1000	880	870	800	740	680	630
1000	1000	1000	960	930	820	720	710	660	600	560	520

Planet 420 - 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	2000	2000	1950	1800	1600	1450	1500	1400	1300	1200	1100
600	1800	1800	1750	1600	1450	1280	1350	1250	1160	1080	980
750	1550	1550	1500	1450	1230	1120	1160	1090	1010	940	850
1000	1280	1280	1220	1150	1000	920	950	890	830	770	700

Planet 423 - 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	2300	2300	2200	2050	1850	1700	1800	1700	1600	1500	1400
600	2050	2050	2000	1950	1760	1580	1600	1530	1430	1340	1250
750	1750	1750	1700	1600	1440	1320	1400	1330	1240	1150	1080
1000	1450	1450	1400	1300	1170	1080	1140	1070	1000	950	890

Rest capacity with integrated side shifter = -50 Kg



Planet Series 416 - 420 - 423

features	01		Manufacturer		CTC					
	02		Model		PLANET 416	PLANET 420	PLANET 423			
features	03	Capacity	Q	Rated load	Kg	1600	2000	2300		
	04	Load centre	C	Distance	mm	500	500	500		
	05	Motor type		Electric (Battery)		ELECTRIC	ELECTRIC	ELECTRIC		
	06	Driving position		Operator: standing - sitting - walking		SITTING	SITTING	SITTING		
	07	Tyres		C=Cushion SE=Superelast. P=Pneumatic		P.S.C./S.	P.S.C./S.	P.S.C./S.		
	08	Wheels (X=drive wheel)		Number front / rear		2X/2	2X/2	2X/2		
	dimensions	09	Lifting with duplex mast	h3	Standard lifting	mm	3300	3300	3300	
		10		h2	Normal free lift	mm	120	120	120	
11		h5		Full free lift	mm	/	/	/		
12		Standard forks		Length x Width x Thickness - L x b x s mm		1000X100X35	1000X130X35	1000X130X35		
13		Forks carrier		FEM rules complying		FEM II A	FEM II A	FEM II A		
14		Tilting		Forward (α) / Backwards (β)		3°/8°	3°/8°	3°/8°		
15		Dimensions	L2	Overall length w/out forks	mm	2000	2000	2110		
16			B	Overall width	mm	1125	1145	1145		
17			h1	Min. height with closed mast	mm	2275	2275	2275		
18			h4	Max. height with raised mast	mm	3850	3850	3850		
19			h6	Height of headguard	mm	2000	2000	2000		
20			h7	Height of the seat	mm	960	960	960		
21			Turning radius	Wa	Outer	mm	1970	1970	2040	
22		Load distance	x	From forks to front wheel axle	mm	365	365	375		
23		Gangway width	Ast.4	Pallets 800x1200 / 1200x1200	mm	3335/3735	3335/3735	3415/3815		
perform.	24	Stability		FEM rules		YES	YES	YES		
	25	Drive speed		With / without load		Km/h	13/14	14/15		
	26	Lifting speed		With / without load		m/s	0,32/0,42	0,35/0,42		
	27	Lowering speed		With / without load		m/s	0,60/0,40	0,60/0,40		
	28	Max. towing capacity		Without load		Kg	720	780	820	
	29	Max. gradeability		With / without load		%	16/21	14/19	14/19	
wgt	30	Weight with battery		Standard lifting		Kg	3240	3340	3380	
	31	Axle load-laden		Front / rear axle		Kg	4290/450	4895/445	5380/300	
		Axle load-unladen		Front / rear axle		Kg	1840/1400	1660/1680	1740/1640	
chassis	32	Wheels		Number: front/rear		N.	2/2	2/2	2/2	
	33			Size: front			18X7X8	200/50-10	200/50-10	
	34			Size: rear			16X6X8	16X6X8	16X6X8	
	35	Wheel base	Y			mm	1400	1400	1500	
	36	Track		Front wheels centre		mm	960	950	950	
	37	Ground clearance		m2	Minimum		mm	90	90	150
	38			m1	Wheel base centre		mm	90	90	90
	40	Brakes		Pedal service brake			HYDRAULIC	HYDRAULIC	HYDRAULIC	
				Hand parking brake			MECHANIC	MECHANIC	MECHANIC	
	drive unit	42	Battery		Type			TUBULAR	TUBULAR	TUBULAR
Tension / capacity					V/Ah	48/480	48/550	48/600		
Minimum weight					Kg	820	910	1140		
45		Electric motors		Traction, S2 power		KW	6,5	8	8	
				Lifting, S3 25% power		KW	5,5	8	8	
46		Steering		Type			HYDRAULIC	HYDRAULIC	HYDRAULIC	
47		Transmission		Type			MOSFET	MOSFET	MOSFET	
48	Hydraulic system		Max. pressure		bar	150	150	150		

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