



# CTC



## Planet Series 416 - 420 - 423

				CTC						
<b>features</b>	01	Manufacturer								
	02	Model		PLANET 416	PLANET 420	PLANET 423				
	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		
<b>dimensions</b>	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			
<b>perform.</b>	24	Stability		FEM rules		YES	YES	YES		
	25	Drive speed		With / without load		Km/h	13/14	14/15	14/15	
	26	Lifting speed		With / without load		m/s	0.32/0.42	0.35/0.42	0.35/0.42	
	27	Lowering speed		With / without load		m/s	0.60/0.40	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	
<b>wgt</b>	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	
<b>chassis</b>	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
	39	Brakes		Pedal service brake			HYDRAULIC	HYDRAULIC	HYDRAULIC	
40	Hand parking brake				MECHANIC	MECHANIC	MECHANIC			
<b>drive unit</b>	41	Battery		Type			TUBULAR	TUBULAR	TUBULAR	
	42			Tension / capacity		V/Ah	48/480	48/550	48/600	
	43			Minimum weight		Kg	820	910	1140	
	44	Electric motors		Traction, S2 power		KW	6,5	8	8	
	45			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	

