

Series 2829(-S)

1.1 Series			2829-PU				2829-EL					
Characteristics	1.2	Model	Manufacturer's identification		M 30	M 35	M 40	M 45	M 30	M 35	M 40	M 45
	1.3	Capacity	Q at standard lift height	kg	3000	3500	4000	4500	3000	3500	4000	4500
	1.4	Loadcenter	lc = distance	mm	700	700	700	700	700	700	700	700
	1.6	Power supply	electric / Diesel / LPG		electric	electric	electric	electric	electric	electric	electric	electric
	1.7	Type of steering	V = fourway / M = multidirectional / 2 = twoway		M	M	M	M	M	M	M	M
	1.7.1	Position of seat	Q = cross / D = diagonal / L = lateral / SU = stand up		Q / D / SU	Q / D / SU	Q / D / SU	Q / D / SU	Q / D / SU	Q / D / SU	Q / D / SU	Q / D / SU
	1.8	Tyres	PU = Vulkollan / EL = elastic		PU	PU	PU	PU	EL	EL	EL	EL
	1.9	Wheels (X = powered)	number	pcs.	6 / 2X	6 / 2X	6 / 2X	6 / 2X	6 / 2X	6 / 2X	6 / 2X	6 / 2X
	2.1	Mast	h3 = lift height standard / max.	mm	3000 - 8000	3000 - 9000	3000 - 10000	3000 - 10000	3000 - 7500	3000 - 7500	3000 - 7500	3000 - 7500
Dimensions	2.2.1	Fork cross section	s / b = thickness / width	mm	45 / 150	50 / 150	50 / 150	50/60 / 150	45 / 150	50 / 150	50 / 150	50/60 / 150
	2.2.2	Fork length	l = NB from / to	mm	800 - 1800	800 - 1800	800 - 1800	800 - 1800	800 - 1800	800 - 1800	800 - 1800	800 - 1800
	2.2.3	Fork tilt	standard	degree	+5 / -3	+5 / -3	+5 / -3	+5 / -3	+5 / -3	+5 / -3	+5 / -3	+5 / -3
	2.3.1	Overall dimensions	L = truck length	mm	2880 (3170 / 3500)	2880 (3170 / 3500)	2880 (3170 / 3500)	2880 (3170 / 3500)	2880 (3170 / 3500)	2880 (3170 / 3500)	2880 (3170 / 3500)	2880 (3170 / 3500)
	2.3.2		Sh = height over cabin roof "Q"	mm	2580	2580	2580	2580	2580	2580	2580	2580
	2.3.3		b = width to edge of forks	mm	850 - 1160	850 - 1160	850 - 1160	860 - 1160	850 - 1160	850 - 1160	850 - 1160	860 - 1160
	2.3.4		NB = loadbed width from / to	mm	600 - 2100	600 - 2100	600 - 2100	600 - 2100	600 - 2100	600 - 2100	600 - 2100	600 - 2100
	2.3.5		B = truck width (at NB 1200 mm)	mm	2050 - 2360	2050 - 2360	2050 - 2360	2060 - 2360	2050 - 2360	2050 - 2360	2050 - 2360	2060 - 2360
	2.3.6		Rh = loadbed height	mm	415	415	415	415	500	500	500	500
	2.3.7		Ra = loadbed opening	mm	1340 (1630 / 1960)	1340 (1630 / 1960)	1340 (1630 / 1960)	1340 (1630 / 1960)	1340 (1630 / 1960)	1340 (1630 / 1960)	1340 (1630 / 1960)	1340 (1630 / 1960)
	2.4	Mast reach	V (at NB 1200 mm)	mm	1300	1300	1300	1300	1300	1300	1300	1300
	2.5.2	Aisle width	AST (at NB 1200 mm)	mm	2250 - 3360	2250 - 3360	2250 - 3360	2260 - 3360	2250 - 3360	2250 - 3360	2250 - 3360	2260 - 3360
	Wght	3.1	Empty weight (approx.)	incl. battery (with standard equipment)	kg	5500	6000	6500	6500	5500	6000	6500
3.2		Floor load (approx.)	incl. nominal load (static)	N/cm ²	480	500	520	550	270	280	290	290
Performance	4.1	Stability	according to CE-regulations	yes/no	yes	yes	yes	yes	yes	yes	yes	yes
	4.2.1	Speeds	travel speed with / without nominal load	km/h	11 / 11 (SU: 9 / 9)	11 / 11 (SU: 9 / 9)	11 / 11 (SU: 9 / 9)	11 / 11 (SU: 9 / 9)	11 / 11 (SU: 9 / 9)	11 / 11 (SU: 9 / 9)	11 / 11 (SU: 9 / 9)	11 / 11 (SU: 9 / 9)
	4.2.2		lifting speed with / without nominal load	m/s	0,25 / 0,29	0,24 / 0,29	0,22 / 0,28	0,20 / 0,24	0,25 / 0,29	0,24 / 0,29	0,22 / 0,28	0,22 / 0,28
	4.2.3		lowering speed with / without nominal load	m/s	0,34 / 0,30	0,35 / 0,30	0,36 / 0,30	0,35 / 0,31	0,34 / 0,30	0,35 / 0,30	0,35 / 0,30	0,35 / 0,30
	4.2.4		mast travel speed with / without nominal load	m/s	0,20 / 0,20	0,20 / 0,20	0,20 / 0,20	0,20 / 0,20	0,20 / 0,20	0,20 / 0,20	0,20 / 0,20	0,20 / 0,20
4.3.1	Ramp capability	max. with / without nominal load	%	9 / 12	9 / 12	8 / 11	8 / 11	8 / 11	8 / 11	7 / 10	7 / 10	
Wheels + tyres	5.1.1	Tyres	number load side / drive side	pcs.	4 / 2	4 / 2	4 / 2	4 / 2	4 / 2	4 / 2	4 / 2	4 / 2
	5.1.2		dimensions load wheels	mm	300 x 100	300 x 100	300 x 100	300 x 100	381 x 127	381 x 127	381 x 127	381 x 127
	5.1.3		dimensions drive wheels	mm	457 x 178	457 x 178	457 x 178	457 x 178	457 x 229	457 x 229	457 x 229	457 x 229
	5.3	Ground clearance		mm	75	75	75	75	160	160	160	160
	5.4.1	Service brakes			via drive pedal / joystick activated electrical plugging brake							
5.4.2	Parking brake			spring-loaded brake with electromagnetic release								
Drive unit	6.1.1	Battery	capacity	V/Ah	48V - 5 PzS - 775Ah / 48 V - 6 PzS - 930 Ah / 48 V - 7 PzS - 1085 Ah / 48 V - 8 PzS - 1240 Ah							
	6.1.2		minimum weight	kg	1200	1200	1200	1200	1200	1200	1200	1200
	6.2.1	Electric motors	drive motor rating (s2 = 60 min)	kW	2 x 4,0	2 x 4,0	2 x 4,0	2 x 4,0	2 x 4,0	2 x 4,0	2 x 4,0	2 x 4,0
	6.2.2		lifting motor rating	kW	1 x 15,0	1 x 15,0	1 x 15,0	1 x 15,0	1 x 15,0	1 x 15,0	1 x 15,0	1 x 15,0
	6.2.3		steering motor rating	kW	1 x 4,0	1 x 4,0	1 x 4,0	1 x 4,0	1 x 4,0	1 x 4,0	1 x 4,0	1 x 4,0
	6.3.1	Electric controls	type		AC controls	AC controls	AC controls	AC controls	AC controls	AC controls	AC controls	AC controls
	6.4	Transmission	gear type		straight bevel	straight bevel	straight bevel	straight bevel	straight bevel	straight bevel	straight bevel	straight bevel
6.5	Hydraulic pressure	for attachments	bar	180	180	180	180	180	180	180	180	