

Series 2832

1.1 Series			2832-EL				2832-PU			
Characteristics	1.2	Model	Manufacturer's identification		M 50	M 60	M 70	M 80	M 90	M 100
	1.3	Capacity	Q at standard lift height	kg	5000	6000	7000	8000	9000	10000
	1.4	Loadcenter	lc = distance	mm	700	700	700	700	600	600
	1.6	Power supply	electric / Diesel / LPG		electric	electric	electric	electric	electric	electric
	1.7	Type of steering	V = fourway / M = multidirectional / 2 = twoway		M	M	M	M	M	M
	1.7.1	Position of seat	Q = cross / D = diagonal / L = lateral / SU = stand up		Q	Q	Q	Q	Q	Q
	1.8	Tyres	PU = Vulkollan / EL = elastic		EL	EL	EL	EL	PU	PU
	1.9	Wheels (X = powered)	number	pcs.	(14 / 2X) 6 / 2X	(14 / 2X) 6 / 2X	6 / 2X	6 / 2X	6 / 2X	6 / 2X
	2.1	Mast	h3 = lift height standard / max.	mm	3000 - 7500	3000 - 7500	3000 - 7500	3000 - 7500	3000 - 10000	3000 - 10000
Dimensions	2.2.1	Fork cross section	s / b = thickness / width	mm	60 / 150	60 / 180	60 / 180	60 / 200	70 / 150	70 / 180
	2.2.2	Fork length	l = NB from / to	mm	600 - 2100	600 - 2100	600 - 2100	600 - 2100	1000 - 2500	1000 - 2500
	2.2.3	Fork tilt	standard	degree	+5 / -3	+5 / -3	+5 / -3	+5 / -3	+5 / -3	+5 / -3
	2.3.1	Overall dimensions	L = truck length	mm	3490 / 3820	3490 / 3820	3490 / 3820	3490 / 3820	3820	3820
	2.3.2		Sh = height over cabin roof "Q"	mm	2800	2800	2800	2800	2800	2800
	2.3.3		b = width to edge of forks	mm	1060 - 1080	1090 - 1130	1090 - 1130	1090 - 1130	1150 - 1280	1150 - 1280
	2.3.4		NB = loadbed width from / to	mm	600 - 2100	600 - 2100	600 - 2100	600 - 2100	1000 - 2500	1000 - 2500
	2.3.5		B = truck width (at NB 1200 mm)	mm	2260 - 2280	2290 - 2330	2290 - 2330	2290 - 2330	2350 - 2480	2350 - 2480
	2.3.6		Rh = loadbed height	mm	(492) 590	(492) 590	590	590	560	560
	2.3.7		Ra = loadbed opening	mm	1340+1630/1960	1340+1630/1960	1340+1630/1960	1340+1630/1960	1960	1630 o. 1960
	2.4	Mast reach	V (at NB 1200 mm)	mm	1300	1300	1300	1300	1300	1300
	2.5.2	Aisle width	AST (at NB 1200 mm)	mm	2460 - 3260	2490 - 3290	2490 - 3290	2490 - 3290	2550 - 3480	2550 - 3480
	Wght	3.1	Empty weight (approx.)	incl. battery (with standard equipment)	kg	8500	9000	9000	9000	14000
3.2		Floor load (approx.)	incl. nominal load (static)	N/cm ²	380	380	380	380	650	670
Performance	4.1	Stability	according to CE-regulations	yes/no	ja	ja	ja	ja	ja	ja
	4.2.1	Speeds	travel speed with / without nominal load	km/h	9 / 9	9 / 9	9 / 9	9 / 9	6 / 7	6 / 7
	4.2.2		lifting speed with / without nominal load	m/s	0,20 / 0,25	0,20 / 0,25	0,20 / 0,25	0,20 / 0,25	0,17 / 0,22	0,17 / 0,22
	4.2.3		lowering speed with / without nominal load	m/s	0,30 / 0,25	0,30 / 0,25	0,30 / 0,25	0,30 / 0,25	0,28 / 0,25	0,28 / 0,25
	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	0,18 / 0,18	0,18 / 0,18
4.3.1	Ramp capability	max. with / without nominal load	%	6 / 8	6 / 8	6 / 8	6 / 8	2 / 4	2 / 4	
Wheels + tyres	5.1.1	Tyres	number load side / drive side	pcs.	(12 / 2) / 4 / 2	(12 / 2) / 4 / 2	4 / 2	4 / 2	4 / 2	4 / 2
	5.1.2		dimensions load wheels	mm	(360 x 85) 457 x 229		457 x 229		413 x 178 (pendelnd)	
	5.1.3		dimensions drive wheels	mm	559 x 356		559 x 356		559 x 254	
	5.3	Ground clearance		mm	(140) 240	(140) 240	240	240	70	70
	5.4.1	Service brakes			via drive pedal activated electrical plugging brake					
5.4.2	Parking brake			spring-loaded brake with electromagnetic release						
Drive unit	6.1.1	Battery	capacity	V/Ah	80V-5PzS-775Ah / 80V-6PzS-930Ah					
	6.1.2		minimum weight	kg	1600	1600	1600	1600	2200	2200
	6.2.1	Electric motors	drive motor rating (s2 = 60 min)	kW	2 x 7,0	2 x 7,0	2 x 7,0	2 x 7,0	2 x 7,0	2 x 7,0
	6.2.2		lifting motor rating	kW	2 x 19,3	2 x 19,3	2 x 19,3	2 x 19,3	2 x 19,3	2 x 19,3
	6.2.3		steering motor rating	kW	1 x 10,0	1 x 10,0	1 x 10,0	1 x 10,0	1 x 5,0	1 x 5,0
	6.3.1	Electric controls	type		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
6.5	Hydraulic pressure	for attachments	bar	180	180	180	180	180	180	