

## Technical data

### Series 2150-EL

1.1 Series			2150-EL				
Characteristics	1.2	<b>Model</b>	<b>Manufacturer's identification</b>	<b>M 60</b>	<b>M 70</b>	<b>M 80</b>	
	1.3	Capacity	Q at standard lift height	kg	6000	7000	8000
	1.4	Loadcenter	lc = distance	mm	700	700	700
	1.6	Power supply	electric / Diesel / LPG		electric	electric	Elektro
	1.7	Type of steering	V = fourway / M = multidirectional / 2 = twoway		M	M	M
	1.7.1	Position of seat	Q = cross / D = diagonal / L = lateral / SU = stand up		Q / D (L + 270 mm)		
	1.8	Tyres	PU = Vulkollan / EL = elastic		EL	EL	EL
	1.9	Wheels (X = powered)	number	pcs.	6 / 2X	6 / 2X	6 / 2X
	2.1	Mast	h3 = lift height standard / max.	mm	3000 - 7500	3000 - 7500	3000 - 7500
Dimensions	2.21	Fork cross section	s / b = thickness / width	mm	60 x 180	60 x 180	60 x 200
	2.22	Fork length	l = NB from / to	mm	600 - 2100	600 - 2100	600 - 2100
	2.23	Fork tilt	standard	degree	+5 / -3	+5 / -3	+5 / -3
	2.31	Overall dimensions	L = truck length	mm	3720 / 4050		
	2.32		Sh = height over cabin roof "Q"	mm	3025	3025	3025
	2.33		b = width to edge of forks	mm	1040 - 1350	1040 - 1350	1040 - 1350
	2.34		NB = loadbed width from / to	mm	1000 - 2100	1000 - 2100	1000 - 2100
	2.35		B = truck width (at NB 1200 mm)	mm	2240 - 2550	2240 - 2550	2240 - 2550
	2.36		Rh = loadbed height	mm	590	590	590
	2.37		Ra = loadbed opening	mm	1630 (1960)		
	2.4	Mast reach	V (at NB 1200 mm)	mm	1300	1300	1300
	2.52	Aisle width	AST (at NB 1200 mm)	mm	2440 - 3550	2440 - 3550	2440 - 3550
	Wght	3.1	Empty weight (approx.)	incl. battery (with standard equipment)	kg	10000	11000
3.2		Floor load (approx.)	incl. nominal load (static)	N/cm <sup>2</sup>	380	380	390
Performance	4.1	Stability	according to CE-regulations	yes/no	yes	yes	yes
	4.21	Speeds	travel speed with / without nominal load	km/h	12 / 13	12 / 13	12 / 13
	4.22		lifting speed with / without nominal load	m/s	0,20 / 0,25	0,20 / 0,25	0,20 / 0,25
	4.23		lowering speed with / without nominal load	m/s	0,30 / 0,25	0,30 / 0,25	0,30 / 0,25
	4.24		mast travel speed with / without nominal load	m/s	0,20 / 0,20	0,20 / 0,20	0,20 / 0,20
4.31	Ramp capability	max. with / without nominal load	%	8 / 10 (4 / 5)	8 / 10 (4 / 5)	8 / 10 (4 / 5)	
Wheels + tyres	5.11	Tyres	number load side / drive side	pcs.	4 / 2	4 / 2	4 / 2
	5.12		dimensions load wheels	mm	457 x 229		
	5.13		dimensions drive wheels	mm	711 x 305		
	5.3	Ground clearance		mm	240	240	240
	5.41	Service brakes			via drive pedal activated electrical plugging brake		
5.42	Parking brake			spring-loaded brake with electromagnetic release			
Drive unit	6.11	Battery	capacity	V/Ah	80 V - 6 PzS - 930 Ah		
	6.12		minimum weight	kg	2200	2200	2200
	6.21	Electric motors	drive motor rating (s2 = 60 min)	kW	2 x 7,0	2 x 7,0	2 x 12,0
	6.22		lifting motor rating	kW	2 x 19,3	2 x 19,3	2 x 19,3
	6.23		steering motor rating	kW	1 x 7,0	1 x 7,0	1 x 7,0
	6.31	Electric controls	type		AC controls	AC controls	AC controls
	6.4	Transmission	gear type		planetary	planetary	planetary
	6.5	Hydraulic pressure	for attachments	bar	180	180	180