

# Order picking and narrow aisle truck with 80 V AC-Technology



## EK 15 XL

Load capacity	Q	1.500 kg
Load centre	C	600 mm
Power supply		Elektro
Operator type		Stand-on/Rider seated
Tyres		Polyurethan
Number of wheels, drive/load side (x = driven)		1x/2
Driver`s cabin height	h8	400 mm
Lift height	h3G + s	see table
Supplementary lift	h2	1.700 mm
Picking height	h9	h6 - 400 mm
Fork dimensions		40/120 mm
Fork length		800 - 1.300 mm
Width across forks	B3	505 - 795 mm
Height of fork, low position	s	80 mm
Overall length with fork carrier width 850 mm	L	3.650 - 3.740 - 3.840 mm
Overall length with fork carrier width 580 mm	L	3.515 - 3.605 - 3.705 mm
Support boom length (standard)	M1S	460 - 550 - 650 mm
Overhang	X/X1	360/270 mm
Overall width	B	1.600 - 1.900 mm
Height of mast retracted	h1	see table
Height of cabin extended	h6	see table
Height of mast extended	h4	see table
Turning radius	Wa	2.445 mm
Aisle width	Ast	1.800 -2.100 mm
Travel speed laden/unladen		11,0/11,0 km/h
Lift speed laden/unladen		0,42/0,45 m/s
Lowering speed laden/unladen		0,40/0,40 m/s
Reach speed laden/unladen (adjustable)		0,20/0,20 m/s
Weight including battery		8.200 - 8.900 kg
Axle load with load, drive side/load side		2.720/6.980; 2.910/7.490
Axle load without load, drive side/load side		3.280/5.020; 3.560/5.340
Tyres, number, drive side/load side		1/2
Tyres dimension drive side		381/152 mm
Tyres dimension load side		377/178 mm
Wheel base	y	2.140 mm
Ground clearance	m2	40 mm
Operating brake		electro-magnetic
Parking brake		dead man`s brake
Battery		DIN 43536 A
Battery voltage/capacity		80 Volt/ 775 Ah*
Battery weight		1.863 kg
Drive motor		7,0 kW
Lift motor		26 kW*
Drive/lift control		electr. AC/ininitely var.

\* With longer chassis up to 930 Ah

**Table 1: Build and lift heights of duplex lift mast with swivel fork**

Total lift height	Lift height	Build height	Supplem. lift	Extended height lift mast	Extended height cabin
h3G + s	h3 + s	h1	h2	h4	h6
mm	mm	mm	mm	mm	mm
13.700	12.000	7.420	1.700	13.380	14.320
14.200	12.000	7.420	2.200	13.380	14.820
14.200	12.500	7.670	1.700	13.880	14.820
14.700	12.500	7.670	2.200	13.880	15.320
14.700	13.000	7.920	1.700	14.380	15.320
15.200	13.000	7.920	2.200	14.380	15.820
15.200	13.500	8.170	1.700	14.880	15.820
15.700	13.500	8.170	2.200	14.880	16.320
15.700	14.000	8.420	1.700	15.380	16.320
16.200	14.000	8.420	2.200	15.380	16.820

triplex lift mast on request