

Medium/high level order picker

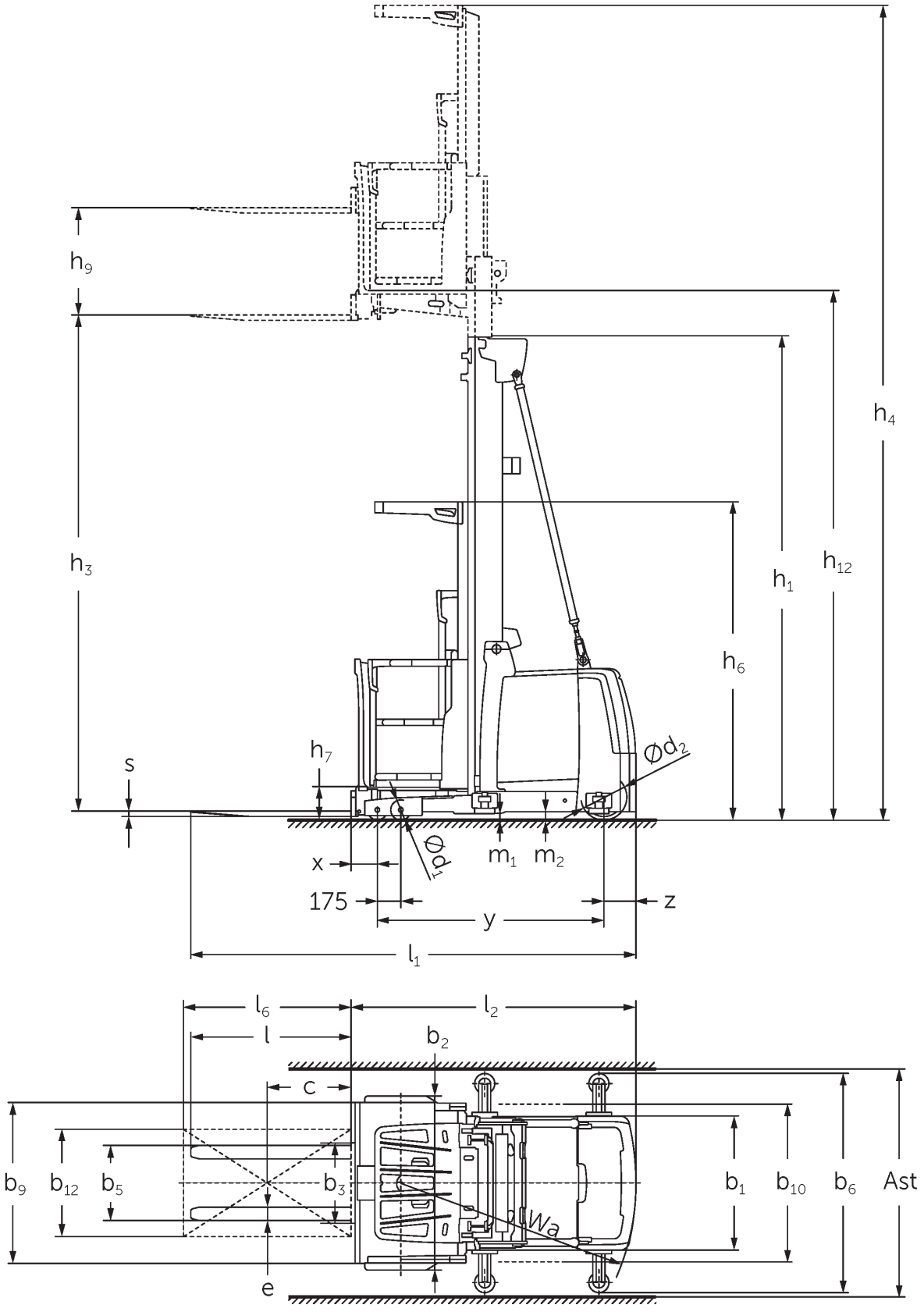
EKS 310s

Lift height: 4250-7000 mm / Load capacity: 1000 kg

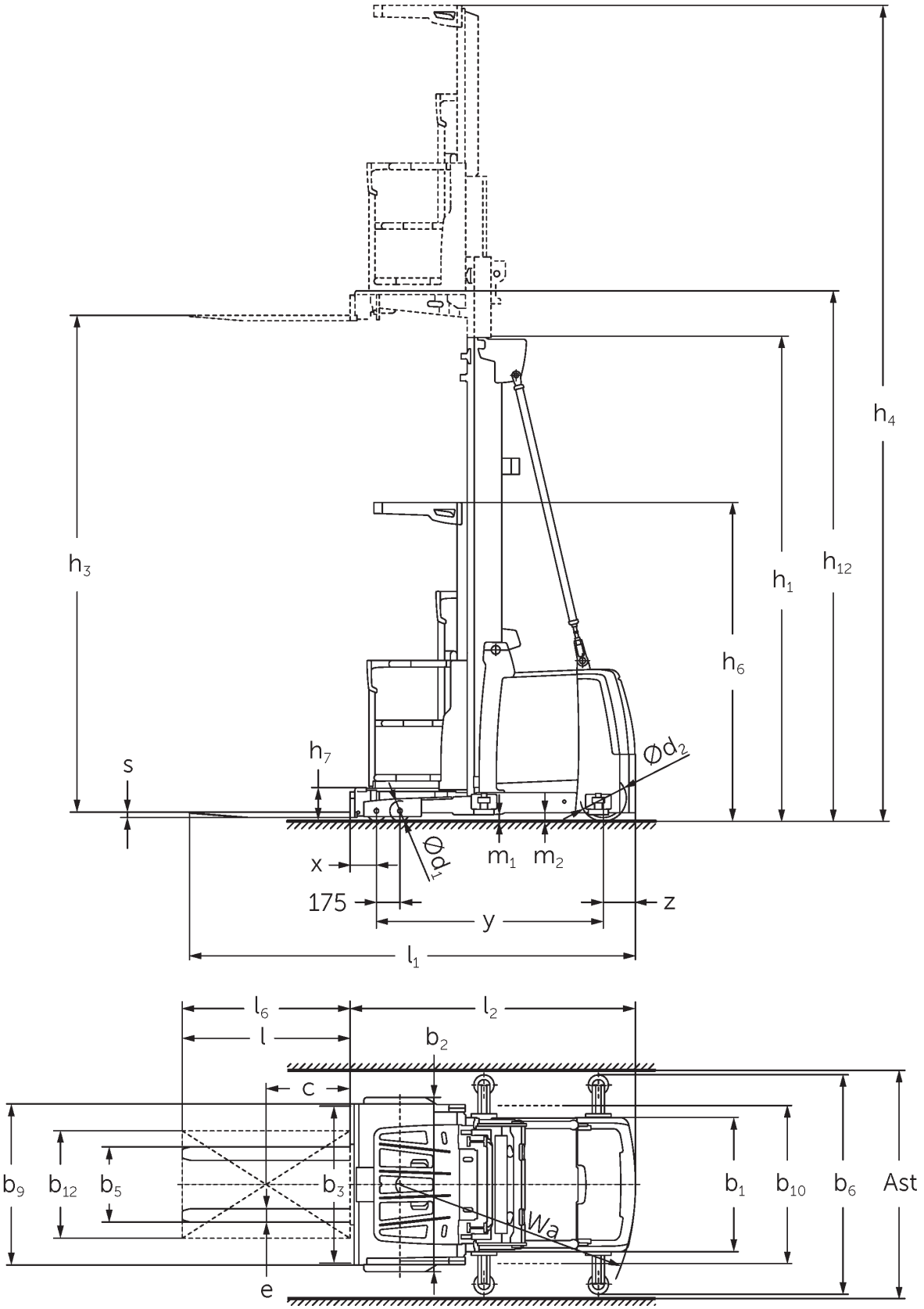
LI-ION technology

JUNGHEINRICH

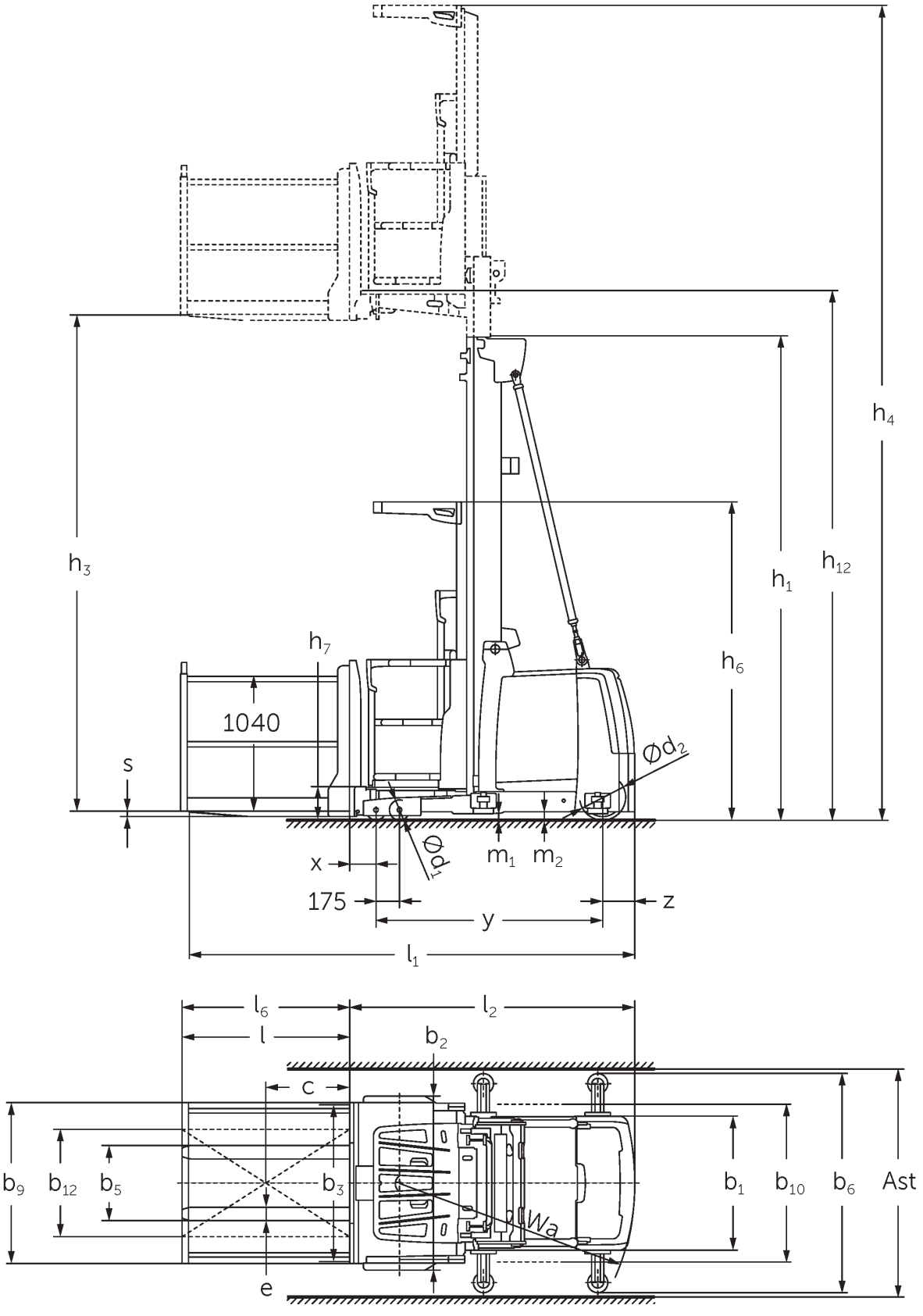
EKS 310s



EKS 3/4 Z version technical drawing



EKS 3/4 O version technical drawing



EKS 3/4 L version technical drawing

EKS 310s

EKS 310s Z_I, EKS 310s Z_SF, EKS 310s L_I, EKS 310s L_SF, EKS 310s O_I, EKS 310s O_SF	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	2800 mm	2325 mm		5170 mm
	3500 mm	2550 mm		5870 mm
	4250 mm	2950 mm		6620 mm
	5000 mm	3330 mm		7370 mm
	5500 mm	3600 mm		7870 mm
	6000 mm	3850 mm		8370 mm
Triplex mast DT	4750 mm	2370 mm		7120 mm
	5500 mm	2610 mm		7870 mm
	6000 mm	2780 mm		8370 mm
	6500 mm	2940 mm		8870 mm
	7000 mm	3110 mm		9370 mm
Triplex mast DZ	4750 mm	2370 mm		7120 mm
	5500 mm	2610 mm	240 mm	7870 mm
	6000 mm	2780 mm	410 mm	8370 mm
	6500 mm	2940 mm	570 mm	8870 mm
	7000 mm	3110 mm	740 mm	9370 mm

VDI table

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich				
	1.2	Manufacturer's type designation			EKS 310s Z_I	EKS 310s Z_SF	EKS 310s L_I	EKS 310s	
	1.3	Drive type			electric				
	1.4	Operation			Order pickers				
	1.5	Load capacity/load	Q	kg	1000				
	1.6	Load centre distance	c	mm	400				
	1.8	Load distance, centre of drive axle to fork	x	mm	155				
	1.9	Wheelbase	y	mm	1520				
Weights	2.1.1	Service weight (incl. battery)		kg	2600			2550	
	2.2	Axle load laden front/rear		kg	2740 / 860		2770 / 830	2695 / 855	
	2.3	Axle load unladen front/rear		kg	1240 / 1360		1270 / 1330	1195 / 1355	
Wheels/chassis	3.1	Tyres			Polyurethane (PU)				
	3.2	Tyre size, front			Ø 150 x 100				
	3.3	Tyre size, rear			Ø 250 x 80				
	3.5	Wheels, number front/back (x=driven)			4 / 1 x				
Basic dimensions	4.2	Retracted mast height (h1)	h1	mm	2950				
	4.4	Lift (h3)	h3	mm	4250				
	4.5	Extended mast height (h4)	h4	mm	6620				
	4.7	Height of overhead guard (cab)	h6	mm	2370				
	4.8.1	Stand height	h7	mm	245				
	4.14	Stand height, elevated	h12	mm	4495				
	4.15	Height, lowered	h13	mm	60				
	4.19	Total length	l1	mm	3095		3140	3085	
	4.20	Length including fork shank	l2	mm	1895		1885		
	4.21.1	total width	b1	mm	900				
	4.22	Fork dimensions	s/e/l	mm	40 x 100 x 1200		50 x 100 x 1250	50 x 100 x 1200	
	4.25	Width across forks	b5	mm	560				
	4.31	Ground clearance laden under mast	m1	mm	50				
	4.35	Turning radius	Wa	mm	1643				
Performance data	5.1	Travel speed laden/unladen		km/h	12 / 12				
	5.2	Lift speed laden/unladen		m/s	0.5 / 0.5				
	5.3	Lowering speed laden/unladen		m/s	0.5 / 0.5				
	5.10	Service brake			regenerative				
	5.11	Parking brake			Electric sprung-loaded				

Electric motor/electronics	6.1	Drive motor, performance S2 60 min	kW	3
	6.2	Lift motor, performance with S3	kW	12
	6.4	Battery voltage/nominal capacity	V / Ah	48 / 465
	6.5	Battery weight	kg	740
Other	8.1	Type of drive control		AC synchronous reluctance
	10.5	Steering version		electric
	10.7	Sound pressure level according to EN12053	dB (A)	59

- This data sheet according to VDI guideline 2198 only states the technical values of the standard truck. Different tyres, other masts, additional equipment etc. may result in different values.

5.1. With drivePLUS performance module
5.2. With liftPLUS performance module
5.3. With liftPLUS performance module

The German production facilities in Norderstedt, Moosburg and Landsberg are certified as well as our Genuine Parts Center in Kaltenkirchen.

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet European safety requirements.

CE

JUNGHEINRICH