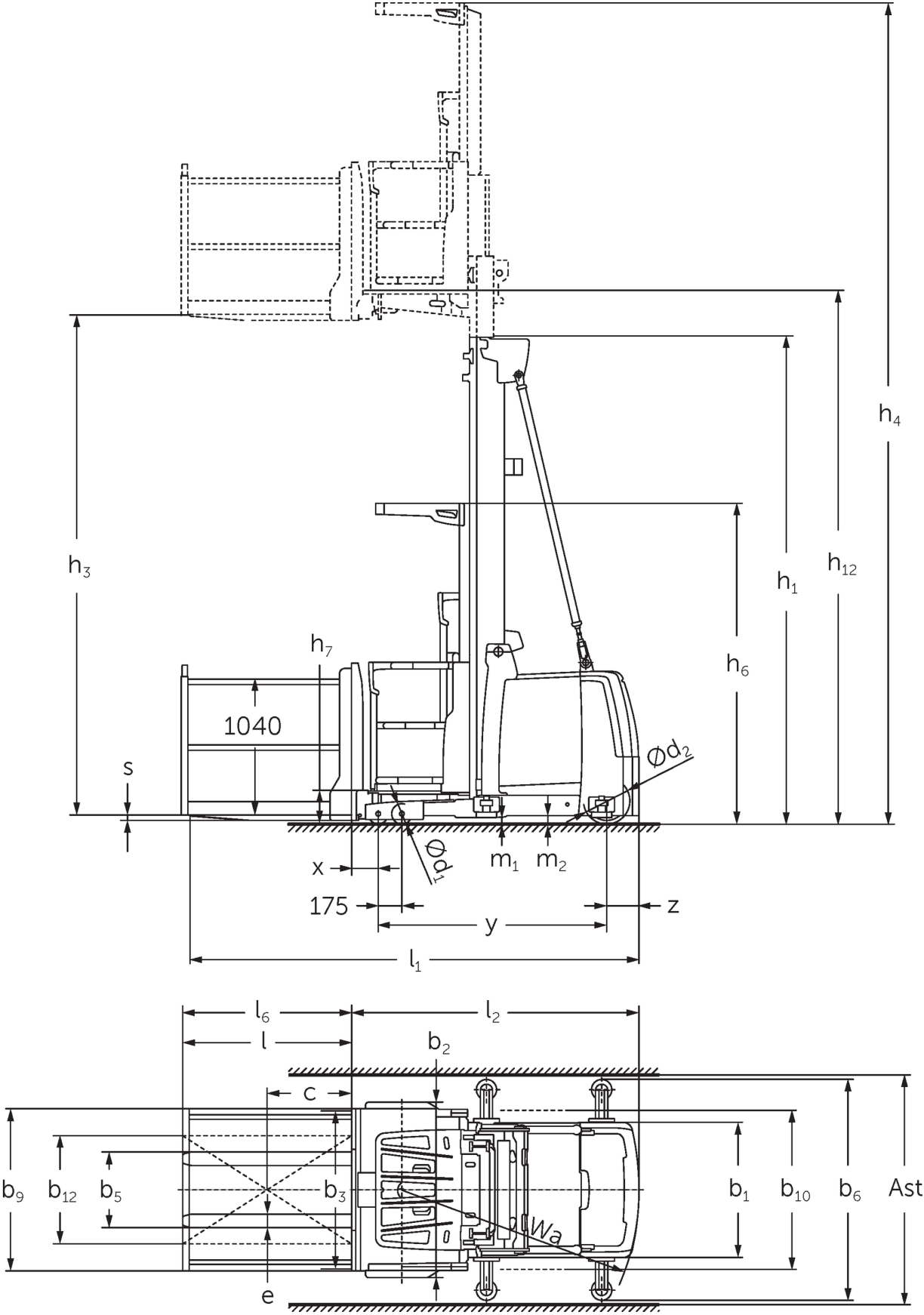




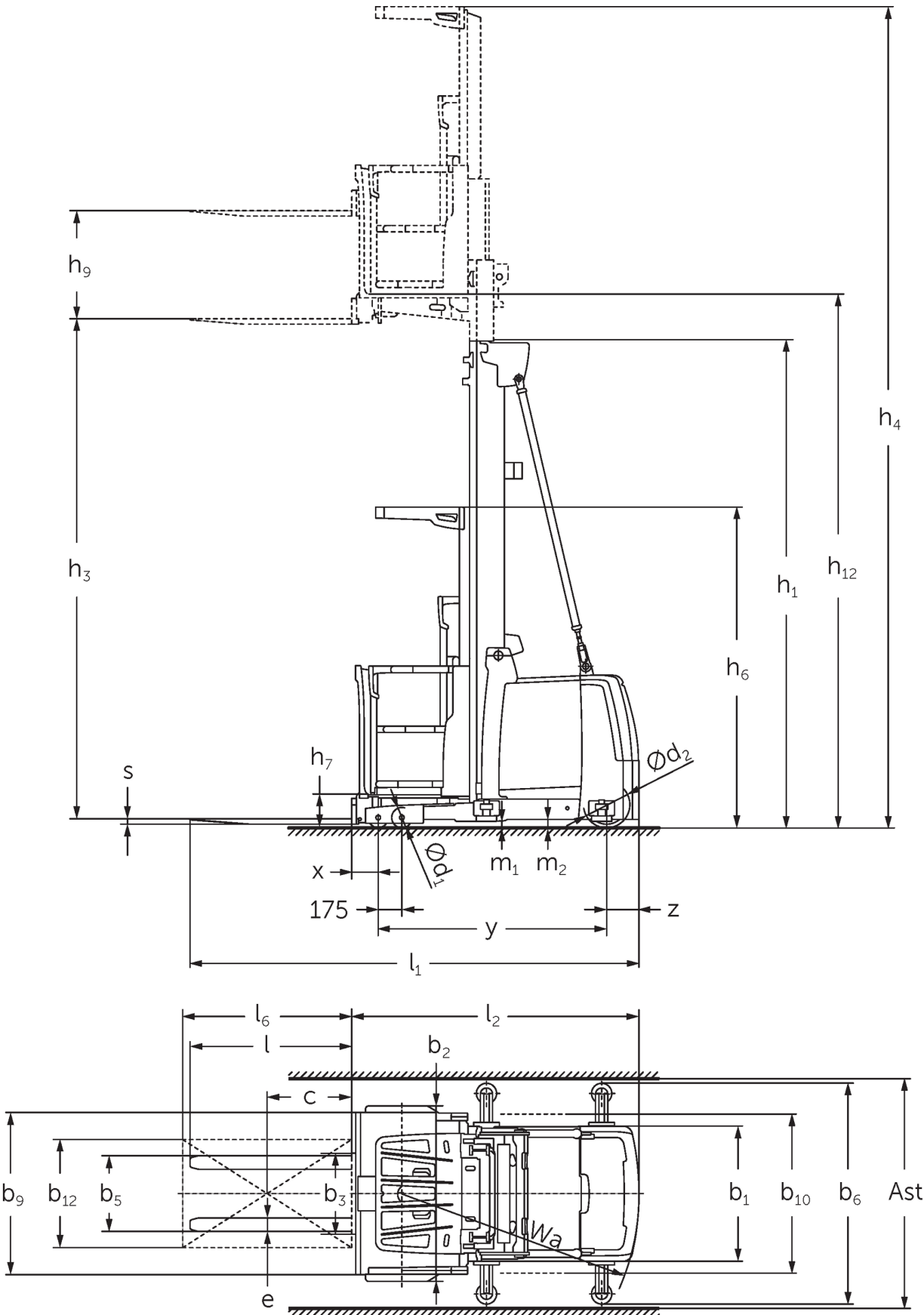
Medium/high level order picker **EKS 412s**

Lift height: 5000-12500 mm / Load capacity: 1200 kg

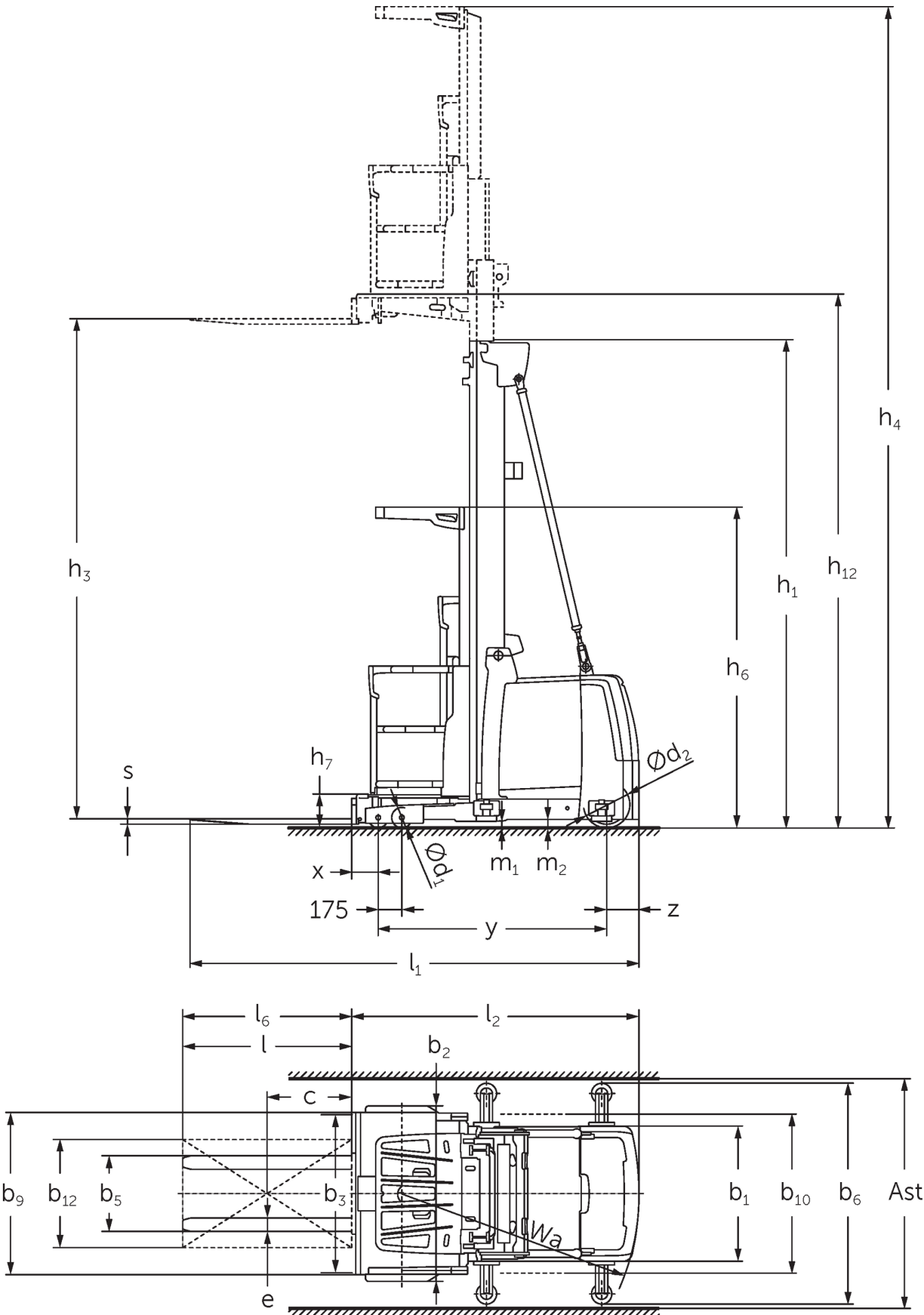
EKS 412s



EKS 412s



EKS 412s



EKS 412s

EKS 412s Z_I, EKS 412s Z_SF, EKS 412s L_I, EKS 412s L_SF, EKS 412s O_I, EKS 412s O_SF	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	4250 mm	2950 mm		6620 mm
	5000 mm	3330 mm		7370 mm
	5500 mm	3600 mm		7870 mm
	6000 mm	3850 mm		8370 mm
	6500 mm	4125 mm		8870 mm
	7500 mm	4650 mm		9870 mm
	8500 mm	5150 mm		10870 mm
Triplex mast DT	5500 mm	2610 mm		7870 mm
	6000 mm	2780 mm		8370 mm
	6500 mm	2940 mm		8870 mm
	7000 mm	3110 mm		9370 mm
	7500 mm	3275 mm		9870 mm
	8000 mm	3440 mm		10370 mm
	8500 mm	3610 mm		10870 mm
	9000 mm	3810 mm		11370 mm
	9500 mm	3980 mm		11870 mm
	10500 mm	4410 mm		12870 mm
	11500 mm	4810 mm		13870 mm
	12500 mm	5210 mm		14870 mm
Triplex mast DZ	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
	7500 mm	3275 mm	905 mm	9870 mm
	8000 mm	3440 mm	1070 mm	10370 mm
	8500 mm	3610 mm	1240 mm	10870 mm
	9000 mm	3810 mm	1440 mm	11370 mm
	9500 mm	3980 mm	1610 mm	11870 mm
	10500 mm	4410 mm	2040 mm	12870 mm
	11500 mm	4810 mm	2440 mm	13870 mm
	12500 mm	5210 mm	2840 mm	14870 mm

VDI table

Stand-on: 02/2023

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich						
	1.2	Manufacturer's type designation		EKS 412s						
	1.3	Drive		Electric						
	1.4	Operation		Order pickers						
	1.5	Load capacity/load	Q	kg	1200					
	1.6	Load centre distance	c	mm	400					
	1.8	Load distance, centre of drive axle to fork	x	mm	155	145				
	1.9	Wheelbase	y	mm	1690					
Weights	2.1.1	Service weight (incl. battery)		kg	3650	3850			3590	
	2.2	Axle load laden front/rear		kg	3575 / 1160	3825 / 1110			3515 / 1160	
	2.3	Axle load unladen front/rear		kg	1840 / 1810	2090 / 1760			1780 / 1810	
Wheels/ suspension system	3.1	Tyres		Polyurethane (PU)						
	3.2	Tyre size, front		Ø 150 x 100						
	3.3	Tyre size, rear		Ø 343 x 110						
	3.5	Wheels, number front/back (x=driven)		4 / 1 x						
Basic dimensions	4.2	Retracted mast height (h1)	h ₁	mm	3330					
	4.4	Lift (h3)	h ₃	mm	5000					
	4.5	Extended mast height (h4)	h ₄	mm	7370					
	4.7	Height of overhead guard (cab)	h ₆	mm	2370					
	4.8.1	Stand height	h ₇	mm	245					
	4.11	Additional lift	h ₉	mm	800	-				
	4.14	Stand height, elevated	h ₁₂	mm	5245					
	4.15	Height, lowered	h ₁₃	mm	60					
	4.19	Overall length	l ₁	mm	3285	3330			3275	
	4.20	Length including fork shank	l ₂	mm	2085	2075				
	4.21.1	Overall width	b ₁	mm	1000					
	4.22	Fork dimensions	s/e/l	mm	40 x 100 x 1200	50 x 100 x 1200	50 x 100 x 1250	50 x 100 x 1200		
	4.25	Width across forks	b ₅	mm	560					
	4.27	Width over guide rollers	b ₆	mm	-	1200	-	1200	-	1200
	4.31	Ground clearance laden under mast	m ₁	mm	50					
4.35	Turning radius	W _a	mm	1930						
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 / 0.4					
	5.10	Service brake		regenerative						
	5.11	Parking brake		Electric sprung-loaded						
E-motor/ Electronics	6.1	Drive motor, performance S2 60 min		kW	6.5					
	6.2	Lift motor, performance with S3		kW	12					
	6.4	Battery voltage/nominal capacity		V / Ah	48 / 620					
	6.5	Battery weight		kg	935					
Other	8.1	Type of drive control		AC synchronous reluctance						
	10.5	Steering version		electric						
	10.7	Sound level as per EN12053, operator's ear		dB (A)	60					

- 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.

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.



 **JUNGHEINRICH**