



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
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: 05/2024

Characteristic	Item No.	Description	Unit	Jungheinrich						
				EKS 412s Z I	EKS 412s Z SF	EKS 412s L I	EKS 412s L SF	EKS 412s O I	EKS 412s O SF	
Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich						
	1.2	Manufacturer's type designation								
	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)	h1 mm	3330						
	4.4	Lift (h3)	h3 mm	5000						
	4.5	Extended mast height (h4)	h4 mm	7370						
	4.7	Height of overhead guard (cab)	h6 mm	2370						
	4.8.1	Stand height	h7 mm	245						
	4.11	Additional lift	h9 mm	800		-				
	4.14	Stand height, elevated	h12 mm	5245						
	4.15	Height, lowered	h13 mm	60						
	4.19	total length	l1 mm	3285		3330		3275		
	4.20	Length including fork shank	l2 mm	2085		2075				
	4.21.1	total width	b1 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	b5 mm	560						
	4.27	Width over guide rollers	b6 mm	-		1200		-		1200
4.31	Ground clearance laden under mast	m1 mm	50							
4.35	Turning radius	Wa 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**