



Medium/high level order picker **EKS 310 / 412**

Lift height: 7000-9000 mm / Load capacity: 1200 kg

EKS 310 / 412



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VDI table

Stand-on: 07/2024

		Jungheinrich								
Characteristic	1.1	Manufacturer (abbreviated description)								
	1.2	Manufacturer's type designation	EKS 310 Z	EKS 310 L	EKS 310 O	EKS 412 Z	EKS 412 L	EKS 412 O		
	1.3	Drive	Electric							
	1.4	Operation	Order pickers							
	1.5	Load capacity/load	Q	kg	1000		1200			
	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		1690			
	Weights	2.1.1	Service weight (incl. battery)		kg	2550		2500	3450	
2.2		Axle load laden front/rear		kg	2740 / 860	2770 / 830	2695 / 855	3425 / 1255	3455 / 1195	3380 / 1220
2.3		Axle load unladen front/rear		kg	1215 / 1335	1270 / 1330	1195 / 1355		1655 / 1795	1580 / 1820
Wheels/ suspension system	3.1	Tyres	Polyurethane (PU)							
	3.2	Tyre size, front	Ø 150 x 100							
	3.3	Tyre size, rear	Ø 250 x 80			Ø 343 x 114				
	3.5	Wheels, number front/back (x=driven)	4 / 1 x							
Basic dimensions	4.2	Retracted mast height (h1)	h1	mm	2950		3330			
	4.4	Lift (h3)	h3	mm	4250		5000			
	4.5	Extended mast height (h4)	h4	mm	6620		7370			
	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		5245			
	4.15	Height, lowered	h13	mm	60					
	4.19	total length	l1	mm	3095	3140	3085	3285	3330	3275
	4.20	Length including fork shank	l2	mm	1895	1885		2085	2075	
	4.21.1	total width	b1	mm	900			1000		
	4.22	Fork dimensions	s/ e/l	mm	40 x 100 x 1200	50 x 100 x 1250	50 x 100 x 1200	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		1845				
Performance data	5.1	Travel speed laden/unladen		km/h	10 / 10					
	5.2	Lift speed laden/unladen		m/s	0.25 / 0.3					
	5.3	Lowering speed laden/unladen		m/s	0.3 / 0.25					
	5.10	Service brake			regenerative					
	5.11	Parking brake			Electric sprung-loaded					
E-motor/ Electronics	6.1	Drive motor, performance S2 60 min		kW	3		6			
	6.2	Lift motor, performance with S3		kW	8					
	6.3	Battery according to DIN 43531/35/36			6 PzS 930			8 PzS 1240		
	6.4	Battery voltage/nominal capacity		V / Ah	24 / 930			24 / 1240		
	6.5	Battery weight		kg	700			910		
Other	8.1	Type of drive control			AC drive control system					
	10.5	Steering version			electric					
	10.7	Sound level as per EN12053, operator's ear		dB (A)	60			65		

- 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**