



Low level order pickers

ECE 310

Lift height: 750 mm / Load capacity: 1000 kg

VDI table

				Jungheinrich			
				ECE 310	ECE 310 HP		
Characteristic	1.1	Manufacturer (abbreviated description)					
	1.2	Manufacturer's type designation					
	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	600		
	1.8	Load distance, centre of drive axle to fork	x	mm	821		
	1.9	Wheelbase	y	mm	1925	2075	
	Weights	2.1.1	Service weight (incl. battery)		kg	1084	1274
2.2		Axle load laden front/rear		kg	839 / 1245	869 / 1405	
2.3		Axle load unladen front/rear		kg	772 / 311	862 / 411	
Wheels/chassis	3.1	Tyres		Polyurethane (PU)			
	3.2	Tyre size, front		Ø 230 x 78			
	3.3	Tyre size, rear		Ø 75 x 95			
	3.4	Additional wheels		Ø 180 x 65			
	3.5	Wheels, number front/back (x=driven)		1+1x/2			
	3.6	Tread width, front	b10	mm	481		
	3.7	Tread width, rear	b11	mm	339		
3.7.1	2. Tread width, rear		mm	379			
Basic dimensions	4.4	Lift (h3)		h3	mm	750	
	4.9	Height of tiller handle in drive position min./max.		h14	mm	1374 / 1418	
	4.14	Stand height, elevated		h12	mm	-	1002
	4.15	Height, lowered		h13	mm	90	
	4.19	Total length		l1	mm	2471	2621
	4.20	Length including fork shank		l2	mm	1321	1471
	4.21.1	total width		b1	mm	810	
	4.22	Fork dimensions		s/e/l	mm	56 x 185 x 1150	
	4.25	Width across forks		b5	mm	560	
	4.32	Ground clearance centre of wheelbase		m2	mm	30	
4.34.2	Aisle width (pallet 800x1200 length)		Ast	mm	2721	2871	
4.35	Turning radius		Wa	mm	2142	2292	
Performance data	5.1	Travel speed laden/unladen (Efficiency drivePLUS)		km/h	11.5 / 12.5 11.5 / 14	11 / 12.5 11 / 14	
	5.2	Lift speed laden/unladen		m/s	0.17 / 0.33		
	5.3	Lowering speed laden/unladen		m/s	0.19 / 0.19		
	5.8	Max. gradeability laden/unladen (Efficiency drivePLUS)		%	6 / 15 6 / 15		
	5.10	Service brake		generative			
Electric motor/electronics	6.1	Drive motor, performance S2 60 min (Efficiency drivePLUS)		kW	2.8 3.2		
	6.2	Lift motor, performance with S3		kW	1.5		
	6.4	Battery voltage/nominal capacity		V / Ah	24 / 465		
	6.5	Battery weight		kg	370		
	6.6.1	Energy consumption according to EN cycle (Efficiency PLUS)		kWh/h	0.4 0.47		
	6.6.2	CO2 equivalent according to EN ISO 23308 (Efficiency PLUS)		kg/h0	0.2 0.3		
	6.7	Throughput (Efficiency PLUS)		t/h	65 68	64 67	
	6.8.1	Energy consumption with max. throughput (Efficiency PLUS)		kWh/h	1.27 1.47	1.28 1.47	

Other	8.1	Type of drive control		AC
	10.5	Steering version		electric
	10.7	Sound pressure level according to EN12053	dB (A)	62
- 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.				

Values for L battery compartment; fork length 1,150 mm.

- VDI no. 1.9: with XL or XL (ERE) battery compartment: $y + 118$ mm; with extended stand-on platform: $y + 50$ mm.
- VDI no. 4.14: ECE HP: h12 see diagram, dimension 840 mm + 162 mm = $1,002$ mm.
- VDI no. 4.19: with XL or XL (ERE) battery compartment: $l1 + 118$ mm; with extended stand-on platform: $l1 + 50$ mm.
- VDI no. 4.20: with XL or XL (ERE) battery compartment: $l2 + 118$ mm; with extended stand-on platform: $l2 + 50$ mm.
- VDI no. 4.34.2: with XL or XL (ERE) battery compartment: aisle width + 118 mm; with extended stand-on platform: aisle width + 50 mm; diagonal as per VDI: aisle width + 94 mm.
- VDI no. 4.35: with XL or XL (ERE) battery compartment: $Wa + 118$ mm; with extended stand-on platform: $Wa + 50$ mm.
- VDI no. 6.2: with S3 10%.
- VDI no. 6.4: with XL battery compartment: 24 V / 620 Ah.
- VDI no. 6.5: with XL battery compartment: 460 kg.