



## Low level order pickers

**ECE 225 / 227 / 230**

Lift height: 125 mm / Load capacity: 2500-3000 kg







## VDI table

		Jungheinrich						
		ECE 225	ECE 225 HP	ECE 227	ECE 225			
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	2500	2700	3000	
	1.6	Load centre distance	c	mm	1200		1800	
	1.8	Load distance, centre of drive axle to fork	x	mm	1518		2690	
	1.9	Wheelbase	y	mm	2570	2720	2570	3849
	Weights	2.1.1	Service weight (incl. battery)	kg	975	1110	975	1550
2.2		Axle load laden front/rear	kg	1130 / 2345	1135 / 2475	1130 / 2345	1720 / 2820	
2.3		Axle load unladen front/rear	kg	763 / 212	847 / 263	763 / 212	1080 / 460	
Wheels/chassis	3.1	Tyres	Polyurethane (PU)					
	3.2	Tyre size, front	Ø 230 x 78					
	3.3	Tyre size, rear	Ø 85 x 85					
	3.4	Additional wheels	Ø 180 x 65					
	3.5	Wheels, number front/back (x=driven)	1+1x/4					
	3.6	Tread width, front	b10	mm	481			
	3.7	Tread width, rear	b11	mm	338	378		
	3.7.1	2. Tread width, rear		mm	368	-		
3.7.2	3. Tread width, rear		mm	498	-			
Basic dimensions	4.4	Lift (h3)	h3	mm	125			
	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	3670	3820	3670	5000
	4.20	Length including fork shank	l2	mm	1270	1420	1270	1400
	4.21.1	total width	b1	mm	810		830	
	4.22	Fork dimensions	s/ e/l	mm	60 x 172 x 2400		70 x 200 x 3600	
	4.25	Width across forks	b5	mm	510		580	
	4.32	Ground clearance centre of wheelbase	m2	mm	25			
	4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	3870	4020	3870	5200
4.35	Turning radius	Wa	mm	2788	2938	2788	4090	
Performance data	5.1	Travel speed laden/unladen (Efficiency   drivePLUS)	km/h	9.2 / 12.5   9.2 / 14			- / -   8.5 / 14	
	5.2	Lift speed laden/unladen	m/s	0.07 / 0.1				
	5.3	Lowering speed laden/unladen	m/s	0.07 / 0.06				
	5.8	Max. gradeability laden/unladen (Efficiency   drivePLUS)	%	6 / 15   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			-   3.2
	6.2	Lift motor, performance with S3	kW	1.5			
	6.4	Battery voltage/nominal capacity	V / Ah	24 / 465			24 / 560
	6.5	Battery weight	kg	370			470
	6.6.1	Energy consumption according to EN cycle (Efficiency   PLUS)	kWh/h	0.41   0.47			-   -
	6.6.2	CO2 equivalent according to EN ISO 23308 (Efficiency   PLUS)	kg/h0	0.22   0.3			-   -
	6.7	Throughput (Efficiency   PLUS)	t/h	170   180			-   170
	6.8.1	Energy consumption with max. throughput (Efficiency   PLUS)	kWh/h	1.38   1.41	1.39   1.47	1.38   1.41	-   1.39
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.							

The values in the table apply to the L battery compartment, drivePLUS performance package, fork length 2,400 mm, raised load section.

- VDI no. 1.8: with lowered load section: x + 82 mm.
- VDI no. 1.9: with XL or XL (ERE) battery compartment: y + 118 mm; with extended stand-on platform: y + 50 mm; with lowered load section: y + 82 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; with lowered load section: Wa + 82 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.
- VDI no. 6.6.1 for ECE 225 and ECE 225 HP: 0.45 kWh/h.

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.



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The logo features a red upward-pointing arrow integrated into the letter 'J' of the word 'JUNGHEINRICH', which is written in a bold, black, sans-serif font.