



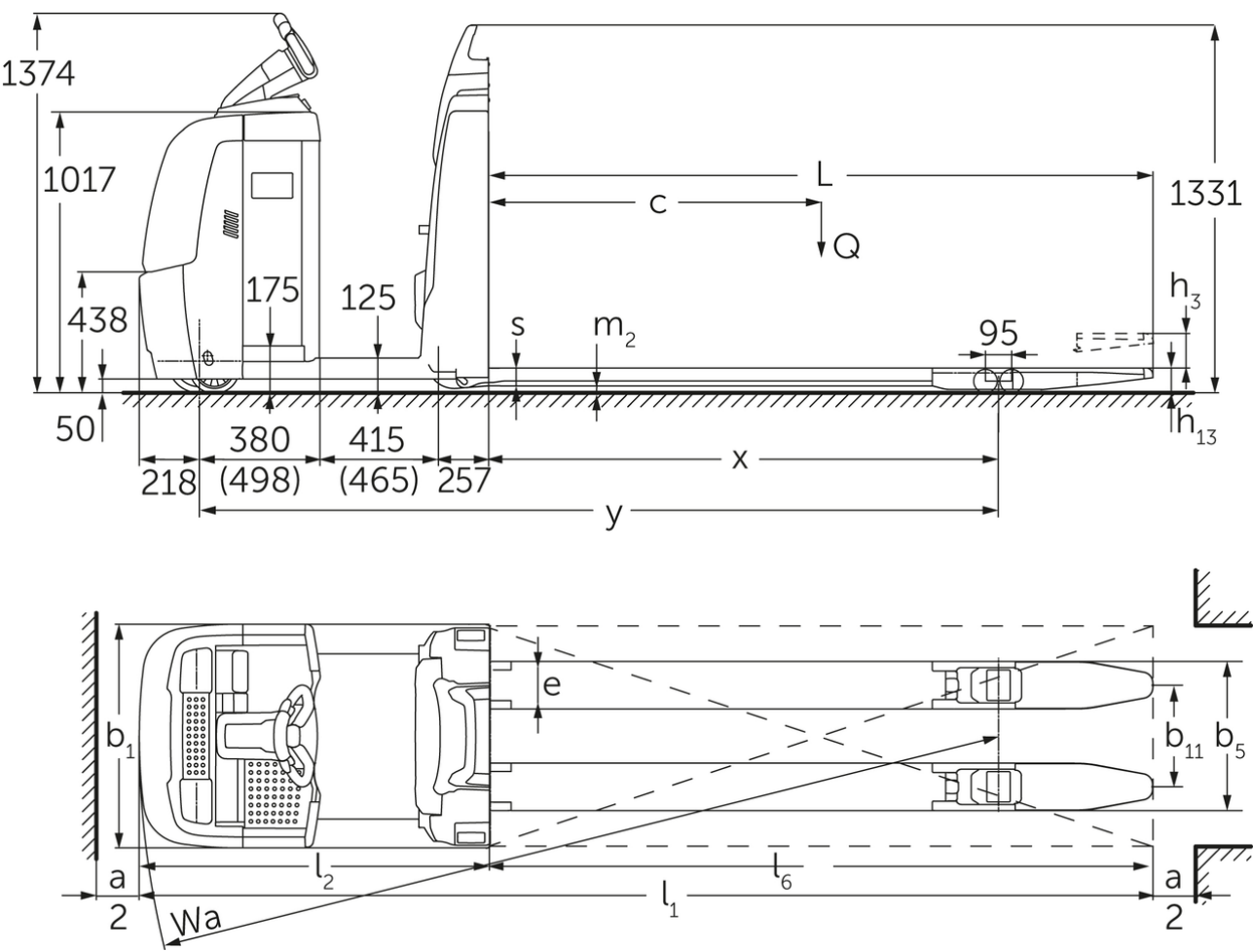
Low level order pickers

ECE 225 / 227 / 230

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



ECE 225 / 227 / 230



VDI table

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich			
	1.2	Manufacturer's type designation		ECE 225	ECE 225 HP	ECE 227	ECE 230
	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
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			- / - 9.2 / 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/h	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.



 **JUNGHEINRICH**