

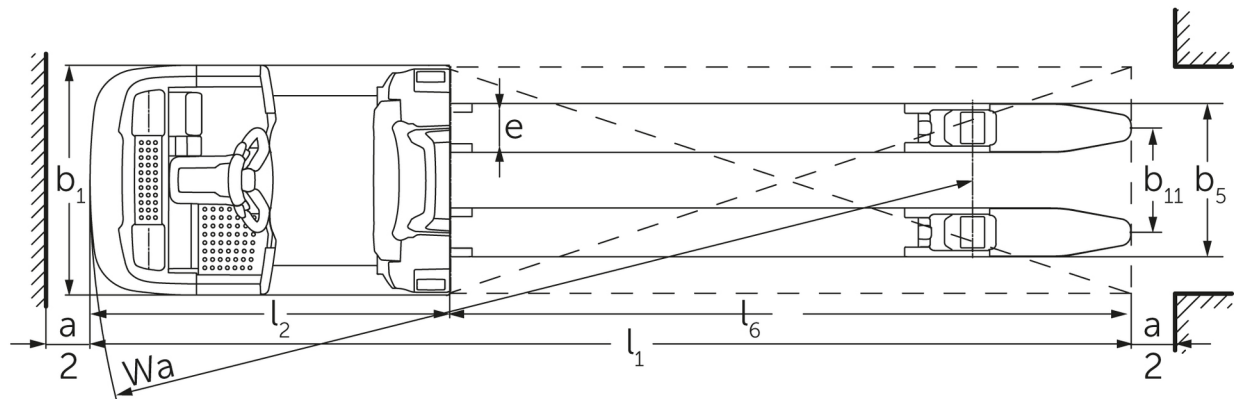


Low level order pickers **ECE 225 / 227 (AU)**

Lift height: 125 mm / Load capacity: 2500-2700 kg

Technical drawing of a vehicle chassis showing dimensions and parameters for a mechanical model. The drawing includes the following dimensions and parameters:

- Vertical Dimensions (mm):**
 - 1374 (Total height)
 - 1017 (Height to top of chassis)
 - 438 (Height to center of mass m_2)
 - 175 (Height to top of chassis)
 - 125 (Height to top of chassis)
 - 50 (Height to bottom of chassis)
 - 1331 (Height to top of chassis)
 - h_3 (Height to top of chassis)
 - h_{13} (Height to bottom of chassis)
- Horizontal Dimensions (mm):**
 - 218 (Distance from front wheel to center of mass m_2)
 - 380 (Distance from front wheel to center of mass m_2)
 - (498) (Distance from front wheel to center of mass m_2)
 - 415 (Distance from front wheel to center of mass m_2)
 - (465) (Distance from front wheel to center of mass m_2)
 - 257 (Distance from front wheel to center of mass m_2)
 - x (Distance from front wheel to center of mass m_2)
 - y (Distance from front wheel to center of mass m_2)
 - L (Distance from front wheel to center of mass m_2)
 - c (Distance from front wheel to center of mass m_2)
 - 95 (Distance from front wheel to center of mass m_2)
- Parameters:**
 - Q (Force acting on the chassis)
 - s (Distance from front wheel to center of mass m_2)
 - m_2 (Mass of the chassis)
 - F (Force acting on the chassis)



VDI table

Stand-on: 02/2023

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich		
	1.2	Manufacturer's type designation		ECE 225	ECE 225 HP	ECE 227
	1.3	Drive		Electric		
	1.4	Operation		Order pickers		
	1.5	Load capacity/load	Q kg	2500		2700
	1.6	Load centre distance	c mm	1200		
	1.8	Load distance, centre of drive axle to fork	x mm	1518		
	1.9	Wheelbase	y mm	2570	2720	2570
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
	2.3	Axle load unladen front/rear	kg	763 / 212	847 / 263	763 / 212
Wheels/suspension system	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	b ₁₀ mm	481		
	3.7	Tread width, rear	b ₁₁ mm	338		
	3.7.1	2. Tread width, rear	mm	368		
	3.7.2	3. Tread width, rear	mm	498		
Basic dimensions	4.4	Lift (h ₃)	h ₃ mm	125		
	4.9	Height of tiller handle in drive position min./max.	mm	1374 / 1418		
	4.15	Height, lowered	h ₁₃ mm	90		
	4.19	Overall length	l ₁ mm	3670	3820	3670
	4.20	Length including fork shank	l ₂ mm	1270	1420	1270
	4.21.1	Overall width	b ₁ mm	810		
	4.22	Fork dimensions	s/ e/l mm	60 x 172 x 2400		
	4.25	Width across forks	b ₅ mm	510		
	4.32	Ground clearance centre of wheelbase	m ₂ mm	25		
	4.34.2	Aisle width (pallet 800x1200 length)	Ast mm	3870	4020	3870
	4.35	Turning radius	W _a mm	2788	2938	2788
Performance data	5.1	Travel speed laden/unladen (Efficiency drivePLUS)	km/h	9.5 / 12.5 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		
	5.10	Service brake		generative		
E-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	0.41 0.47		
	6.6.2	CO2 equivalent as per EN 16796 (Efficiency PLUS)	kg/h	0.2 0.3		
	6.7	Throughput (Efficiency PLUS)	t/h	170 180		
	6.8.1	Energy consumption with max. throughput (Efficiency PLUS)	kWh/h	1.38 1.41	1.39 1.47	1.38 1.41

Other	8.1	Type of drive control		AC
	10.5	Steering version		electric
	10.7	Sound level as per EN12053, operator's ear	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 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**