



## **Low level order pickers with ergonomic lift**

### **ECD 320**

Lift height: 700-1500 mm / Load capacity: 2000 kg



# VDI table

Stand-on: 11/2021

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich	
	1.2	Manufacturer's type designation		<b>ECD 320</b>	
	1.3	Drive		Electric	
	1.4	Operation		Order pickers	
	1.5	Load capacity/load	Q	kg	2000
	1.6	Load centre distance	c	mm	1300
	1.8	Load distance, centre of drive axle to fork	x	mm	1718
	1.9	Wheelbase	y	mm	2981
	Weights	2.1.1	Service weight (incl. battery)		kg
2.2		Axle load laden front/rear		kg	1155 / 2080
2.3		Axle load unladen front/rear		kg	920 / 315
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 <sub>10</sub>	mm	481
	3.7	Tread width, rear	b <sub>11</sub>	mm	368
Basic dimensions	4.4	Lift (h <sub>3</sub> )	h <sub>3</sub>	mm	700
	4.9	Height of tiller handle in drive position min./max.		mm	1374 / 1418
	4.15	Height, lowered	h <sub>13</sub>	mm	90
	4.19	Overall length	l <sub>1</sub>	mm	4081
	4.20	Length including fork shank	l <sub>2</sub>	mm	1480
	4.21.1	Overall width	b <sub>1</sub>	mm	810
	4.22	Fork dimensions	s/e/l	mm	65 x 172 x 2600
	4.25	Width across forks	b <sub>5</sub>	mm	540
	4.32	Ground clearance centre of wheelbase	m <sub>2</sub>	mm	25
	4.34.1	Aisle width (pallet 800x1200 length)	Ast	mm	4281
4.35	Turning radius	W <sub>a</sub>	mm	3199	
Performance data	5.1	Travel speed laden/unladen (Efficiency   drivePLUS)		km/h	9.2 / 12.5   9.2 / 14
	5.2	Lift speed laden/unladen		m/s	0.07 / 0.11
	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   2.8
	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	0.53   0
	6.6.2	CO2 equivalent as per EN 16796		kg/h	0.3
	6.7	Throughput (Efficiency   PLUS)		t/h	136   0
	6.8.1	Energy consumption with max. throughput		kWh/h	1.36
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.

Efficiency: Werte Standardpaket | PLUS: Werte Leistungspaket

Values for L battery compartment; fork length 2,450 mm; lift 700 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. 4.19: 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. 4.34.1: with XL or XL (ERE) battery compartment: working aisle width (Ast) + 118 mm; with extended stand-on platform: working aisle width (Ast) + 50 mm; diagonal as per VDI: working aisle width (Ast) + 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.

The German production facilities in  
Norderstedt, Moosburg and Landsberg  
are certified.

ISO 9001  
ISO 14001

Jungheinrich fork lift trucks meet  
European safety requirements.



 **JUNGHEINRICH**

The Jungheinrich logo, featuring a red upward-pointing arrow above the word 'JUNGHEINRICH' in a bold, black, sans-serif font.