



Electric stand-on/sideways-seated pallet truck

ESE 430

Lift height: 115 mm / Load capacity: 3000 kg

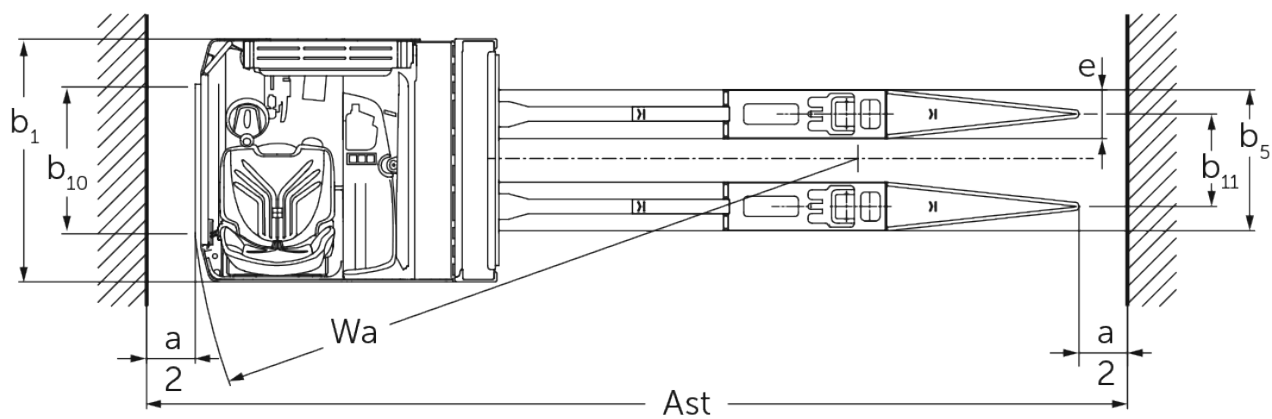
Technical drawing of a mechanical assembly, likely a pump or motor unit, showing dimensions and labels. The drawing includes a side view of the unit and a cross-sectional view of the base.

Dimensions:

- Overall height: 1640
- Height of the main body: h_7
- Width of the main body: 445
- Height of the main body: 690
- Distance from the left edge to the center of the base: 410
- Distance from the left edge to the center of the base: l_2
- Distance from the left edge to the center of the base: l_1
- Distance from the left edge to the center of the base: l
- Distance from the left edge to the center of the base: x
- Distance from the left edge to the center of the base: c
- Distance from the left edge to the center of the base: Q
- Distance from the left edge to the center of the base: m_2
- Distance from the left edge to the center of the base: s
- Distance from the left edge to the center of the base: y
- Distance from the left edge to the center of the base: h_{13}
- Distance from the left edge to the center of the base: h_3

Labels:

- h_7 : Height of the main body
- 445 : Width of the main body
- 690 : Height of the main body
- 410 : Distance from the left edge to the center of the base
- l_2 : Distance from the left edge to the center of the base
- l_1 : Distance from the left edge to the center of the base
- l : Distance from the left edge to the center of the base
- x : Distance from the left edge to the center of the base
- c : Distance from the left edge to the center of the base
- Q : Distance from the left edge to the center of the base
- m_2 : Distance from the left edge to the center of the base
- s : Distance from the left edge to the center of the base
- y : Distance from the left edge to the center of the base
- h_{13} : Distance from the left edge to the center of the base
- h_3 : Distance from the left edge to the center of the base



VDI table

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich
	1.2	Manufacturer's type designation		ESE 430
	1.3	Drive type		electric
	1.4	Operation		Seat
	1.5	Load capacity/load	Q kg	3000
	1.6	Load centre distance	c mm	1200
	1.8	Load distance, centre of drive axle to fork	x mm	1480
	1.9	Wheelbase	y mm	2320
Weights	2.1.1	Service weight (incl. battery)	kg	2475
	2.2	Axle load laden front/rear	kg	2190 / 3280
	2.3	Axle load unladen front/rear	kg	1975 / 500
Wheels/chassis	3.1	Tyres		Vulkollan ®
	3.2	Tyre size, front		Ø 343 x 114
	3.3	Tyre size, rear		Ø 90 x 100
	3.4	Additional wheels		Ø 285 x 100
	3.5	Wheels, number front/back (x=driven)		2 - 1x / 4
	3.6	Tread width, front	b10 mm	604
	3.7	Tread width, rear	b11 mm	380
Basic dimensions	4.4	Lift (h3)	h3 mm	115
	4.8	Seat height/stand height	h7 mm	1200
	4.15	Height, lowered	h13 mm	90
	4.19	Total length	l1 mm	3650
	4.20	Length including fork shank	l2 mm	1250
	4.21.1	total width	b1 mm	1000
	4.22	Fork dimensions	s/e/l mm	70 x 200 x 2400
	4.25	Width across forks	b5 mm	580
	4.32	Ground clearance centre of wheelbase	m2 mm	20
	4.34.2	Aisle width (pallet 800x1200 length)	Ast mm	4050
Performance data	4.35	Turning radius	Wa mm	2750
	5.1	Travel speed laden/unladen	km/h	14 / 14
	5.2	Lift speed laden/unladen	m/s	0.06 / 0.06
	5.3	Lowering speed laden/unladen	m/s	0.05 / 0.05
	5.7	Gradeability laden/unladen	%	6 / 15
	5.10	Service brake		electric

Electric motor/electronics	6.1	Drive motor, performance S2 60 min	kW	8.5
	6.2	Lift motor, performance with S3	kW	2
	6.3	Battery according to DIN 43531/35/36		A
	6.4	Battery voltage/nominal capacity	V / Ah	48 / 620
	6.5	Battery weight	kg	945
	6.6.1	Energy consumption according to EN cycle	kWh/h	0.56
	6.6.2	CO2 equivalent as per EN 16796	kg/h	0.3
Other	8.1	Type of drive control		Mosfet/AC
- 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**