



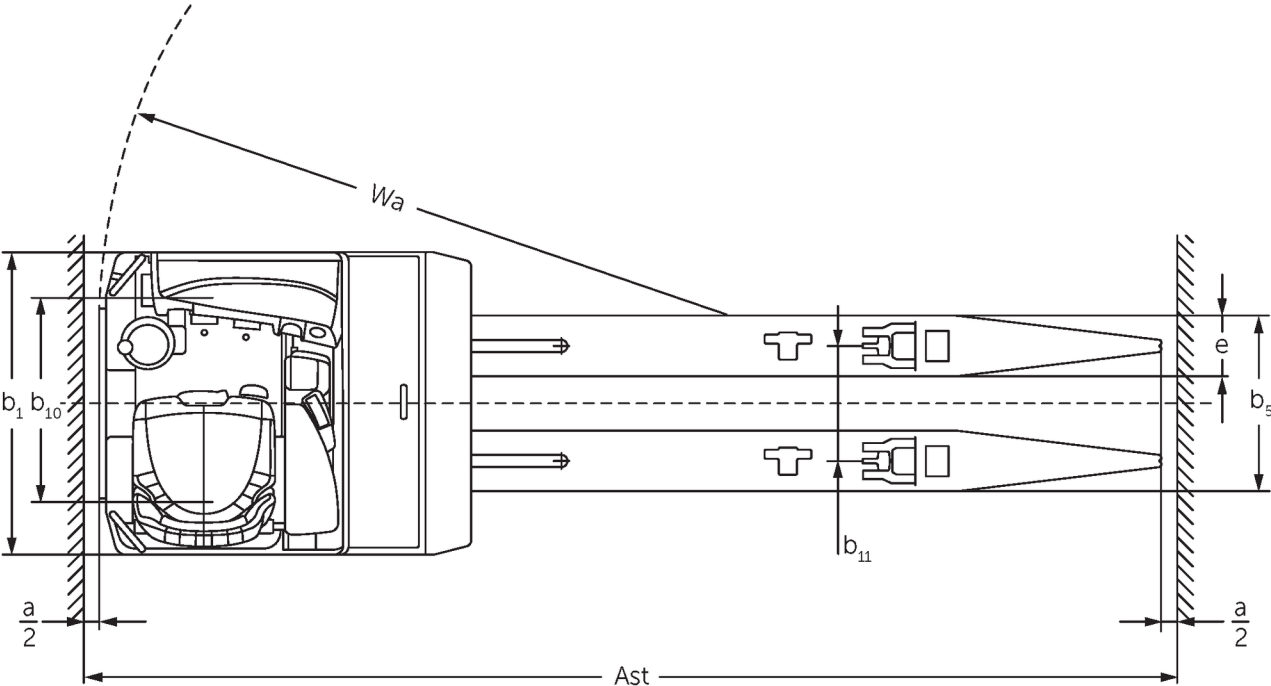
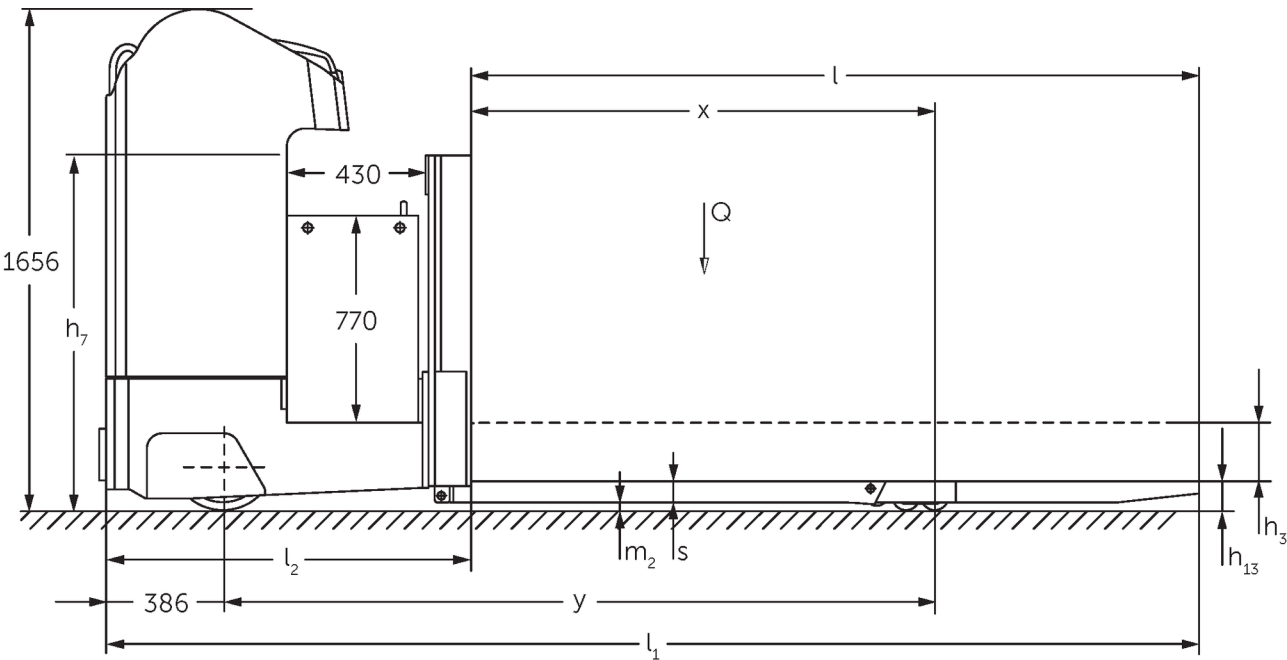
Electric stand-on/sideways-seated pallet truck

ESE 430

Lift height: 115 mm / Load capacity: 3000 kg

 JUNGHEINRICH

ESE 430



VDI table

Stand-on: 02/2021

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich
	1.2	Manufacturer's type designation		ESE 430
	1.3	Drive		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	2211
Weights	2.1.1	Service weight (incl. battery)	kg	2475
	2.2	Axle load laden front/rear	kg	2890 / 2980
	2.3	Axle load unladen front/rear	kg	1916 / 559
Wheels/suspension system	3.1	Tyres		Vulkollan
	3.2	Tyre size, front		Ø 343 x 114
	3.3	Tyre size, rear		Ø 90 x 92
	3.4	Additional wheels		Ø 285 x 100
	3.5	Wheels, number front/back (x=driven)		2 - 1x / 4
	3.6	Tread width, front	b ₁₀ mm	604
	3.7	Tread width, rear	b ₁₁ mm	380
Basic dimensions	4.4	Lift (h ₃)	h ₃ mm	115
	4.8	Seat height/stand height	h ₇ mm	1200
	4.15	Height, lowered	h ₁₃ mm	90
	4.19.4	Length including fork length	l ₁ mm	3625
	4.20	Length including fork shank	l ₂ mm	1225
	4.21.1	Overall width	b ₁ mm	1000
	4.22	Fork dimensions	s/e/l mm	70 / 200 / 2400
	4.25	Width across forks	b ₅ mm	580
	4.32	Ground clearance centre of wheelbase	m ₂ mm	20
	4.34.1	Aisle width (pallet 800x1200 length)	A _{st} mm	3953
	4.35	Turning radius	W _a mm	2750
Performance data	5.1	Travel speed laden/unladen	km/h	13 / 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
E - motor/Electronics	6.1	Drive motor, performance S2 60 min	kW	6.9
	6.2	Lift motor, performance with S3	kW	3
	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	Energy consumption according to VDI cycle	kWh/h	0
	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.

- 1.8: Load section lowered: + 89 mm - 1.9: Load section lowered: + 89 mm - 4.34: ESE 420/430 diagonal as per VDI: + 128 mm. ESE 533 diagonal as per VDI: + 83 mm. - 4.35: Load section lowered: + 89 mm

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

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet
European safety requirements.



 **JUNGHEINRICH**