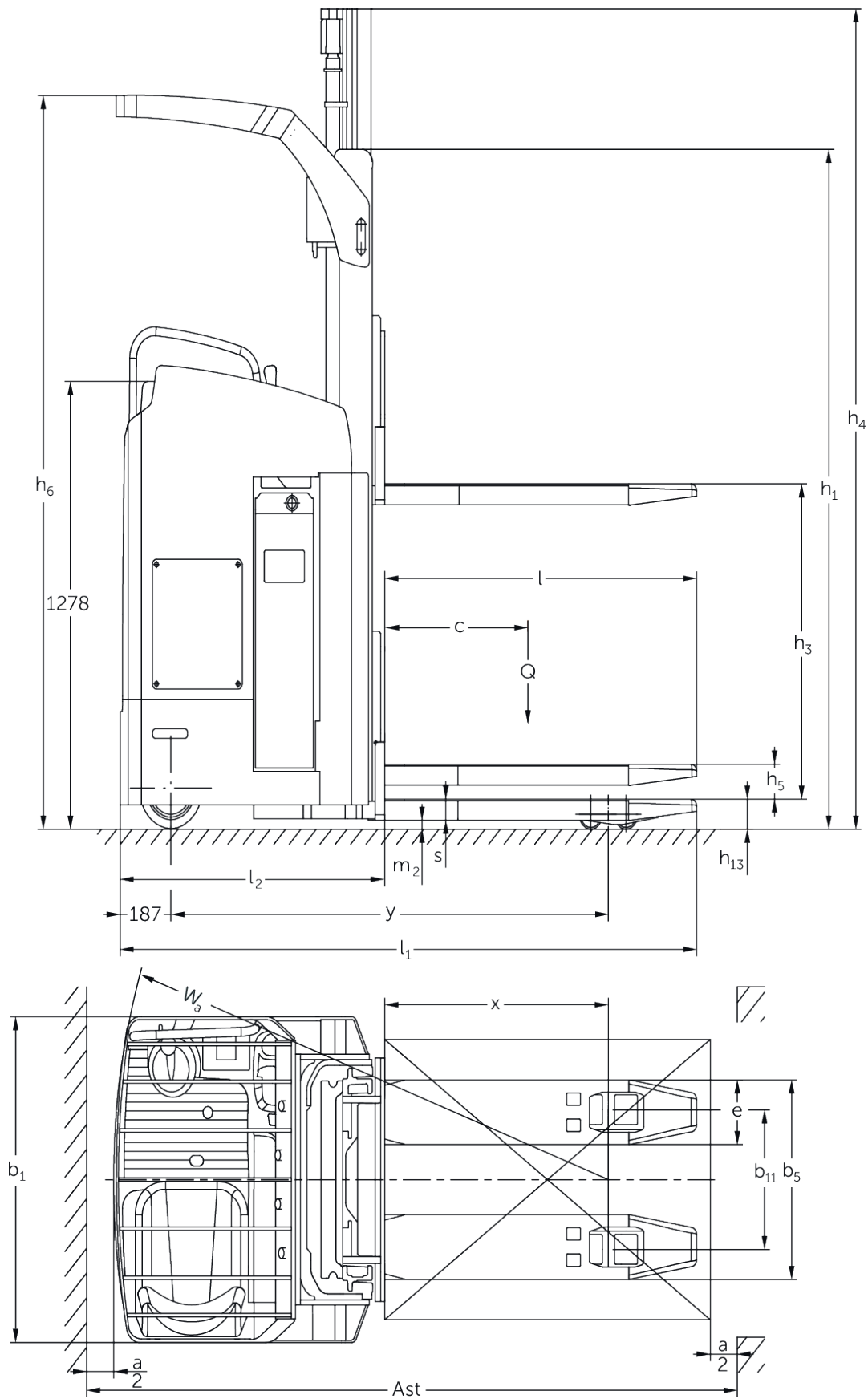




Electric sideways-seated stacker **ESC 316 / 316z**

Lift height: 2800-6200 mm / Load capacity: 1600 kg

ESC 316 / 316z



ESC 316 / 316z

ESC 316 , ESC 316z	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	2800 mm	1995 mm	100 mm	3372 mm
	3100 mm	2145 mm	100 mm	3672 mm
	3500 mm	2345 mm	100 mm	4072 mm
	4000 mm	2595 mm	100 mm	4572 mm
	4200 mm	2695 mm	100 mm	4772 mm
Duplex mast ZZ	2800 mm	1945 mm	1373 mm	3372 mm
	3100 mm	2095 mm	1523 mm	3672 mm
	3500 mm	2295 mm	1723 mm	4072 mm
	4000 mm	2545 mm	1973 mm	4572 mm
	4200 mm	2645 mm	2073 mm	4772 mm
Triplex mast DZ	4200 mm	1945 mm	1376 mm	4770 mm
	5250 mm	2295 mm	1726 mm	5820 mm
	6200 mm	2615 mm	2046 mm	6790 mm

VDI table

Stand-on: 06/2021

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich	
	1.2	Manufacturer's type designation		ESC 316	ESC 316z
	1.3	Drive		Electric	
	1.4	Operation		Seat	
	1.5	Load capacity/load	Q kg	1600	
	1.6	Load centre distance	c mm	600	
	1.8	Load distance, centre of drive axle to fork	x mm	860	874
	1.9	Wheelbase	y mm	1648	1692
Weights	2.1.1	Service weight (incl. battery)	kg	1746	1685
	2.2	Axle load laden front/rear	kg	1459 / 1228	1432 / 1857
	2.3	Axle load unladen front/rear	kg	1891 / 518	1190 / 495
Wheels/suspension system	3.1	Tyres		PU	
	3.2	Tyre size, front		Ø 230 x 77	
	3.3	Tyre size, rear		Ø 85 x 85	
	3.4	Additional wheels		Ø 140 x 54	
	3.5	Wheels, number front/back (x=driven)		2 - 1x / 4	2 - 1x / 4
	3.6	Tread width, front	b ₁₀ mm	645	
	3.7	Tread width, rear	b ₁₁ mm	385	
Basic dimensions	4.2	Retracted mast height (h1)	h ₁ mm	1995	
	4.3	Free lift (h2)	h ₂ mm	100	
	4.4	Lift (h3)	h ₃ mm	2800	
	4.5	Extended mast height (h4)	h ₄ mm	3422	
	4.6	Initial lift	h ₅ mm	-	125
	4.7	Height of overhead guard (cab)	h ₆ mm	2095	
	4.8	Seat height/stand height	h ₇ mm	950	
	4.15	Height, lowered	h ₁₃ mm	90	
	4.19	Overall length	l ₁ mm	2125	2155
	4.20	Length including fork shank	l ₂ mm	975	1005
	4.21.1	Overall width	b ₁ mm	930	
	4.22	Fork dimensions	s/e/l x	60 x 185 x 1150	
	4.25	Width across forks	b ₅ mm	570	
	4.32	Ground clearance centre of wheelbase	m ₂ mm	30	25
	4.34	Aisle width (pallet 1000x1200 sideways)	Ast mm	2310	2383
4.34.1	Aisle width (pallet 800x1200 length)	Ast mm	2360	2433	
4.35	Turning radius	W _a mm	1863	1907	
Performance data	5.1	Travel speed laden/unladen	km/h	9.1 / 9.1	
	5.2	Lift speed laden/unladen	m/s	0.13 / 0.24	0.14 / 0.23
	5.3	Lowering speed laden/unladen	m/s	0.42 / 0.42	0.42 / 0.38
	5.8	Max. gradeability laden/unladen	%	7 / 12	
	5.10	Service brake		electric	
E-motor/Electronics	6.1	Drive motor, performance S2 60 min	kW	2.8	
	6.2	Lift motor, performance with S3	kW	3	
	6.3	Battery according to DIN 43531/35/36		no	
	6.4	Battery voltage/nominal capacity	V / Ah	24 / 465	
	6.5	Battery weight	kg	380	
	6.6.1	Energy consumption according to EN cycle	kWh/h	1.04	
	6.6.2	CO2 equivalent as per EN 16796	kg/h	0.5	

Other	8.1	Type of drive control	AC
<p>- 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.</p>			

Efficiency: Werte Standardpaket | PLUS: Werte Leistungspaket

- 1.8: For ESC 316z load section raised: - 78 mm - 1.9: For ESC 316z load section raised: - 78 mm - 4.7: See mast table - 4.34: Diagonal as per VDI: + 190 mm - 4.35: For ESC 316z load section raised: - 78 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**

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