Technical sheet:

# ES 316 L EASY

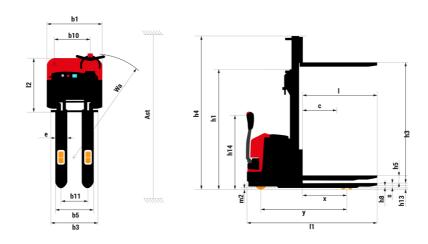






		ES SIGLEAST CICAL	ES 316 L EASY Created on December 6, 2025 at 4.34 PW 01	
	Technical characteristics		Metric	
1.1	Manufacturer		MANITOU	
1.2	Model Name		ES 316 L Easy	
1.3	Power source		Electrical - Lithium	
1.4	Operator type		Walking alongside	
1.5	Max. capacity	Q	1600 kg	
1.6	Load center of gravity	С	600 mm	
1.8	Load distance, centre of drive axle to fork (low/raised) - Low position / Raised position	x / x	768 mm / 700 mm	
1.9	Wheelbase	у	1455 mm	
	Weight			
2.1	Service weight		1120 kg	
2.2	Weight on front axle (laden) / rear axle (laden)		930 kg / 1790 kg	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		760 kg / 360 kg	
	Wheels		3 3	
3.1	Tires type		Polyurethane cushion	
3.3	Number of load wheels / Size of load wheels		4 / 83X73	
3.4	Number of stabilizer wheels / Size of the stabilizer wheels		1 / 140X55	
3.5	Number of front wheels / rear wheels		2 / 4	
3.2	Size of drive wheels		250X80	
3.6	Front wheel gauge	b10	510 mm	
3.7	Rear wheel gauge	b11	385 mm	
	Dimensions			
4.10	Height of wheel arms	h8	80 mm	
4.15	Fork height in low position	h13	90 mm	
4.19	Overall length	I1	2000 mm	
4.20	Length to face of forks	12	850 mm	
4.21	Overall width	b1	800 mm	
4.22	Forks section / width / length	s / e / l	65 mm / 185 mm / 1150 mm	
4.24	Fork carriage width	b3	680 mm	
4.25	Forks spread	b5	570 mm	
4.32	Ground clearance at centre of wheelbase	m2	15 mm	
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	2528 mm	
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	2474 mm	
4.6	Initial lift	h5	125 mm	
4.35	Turning radius	Wa	1685 mm	
4.9	Height tiller min. / max.	h14 / h14	790 mm / 1205 mm	
	Performances			
5.1	Travel speed (laden / unladen)		6 km/h / 6 km/h	
5.2	Lifting speed (laden / unladen)		0.18 m/s / 0.40 m/s	
5.3	Lowering speed (laden / unladen)		0.45 m/s / 0.40 m/s	
5.8	Max Gradeability (laden / unladen)		6 % / 16 %	
5.10	Service brake		Electro magnetic	
	Engine		Liesas magnetio	
6.1	Drive motor rating \$2 60 min		2.20 kW	
6.2	Lift motor rating at \$3 15%		4.20 kW	
6.4	Battery voltage / capacity		48 V / 105 Ah	
J.7	battery rottage / capacity		40 V / 103 All	
	Battery technology		Lithium-ion	

### ES 316 L Easy - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 29	FVD 35
h1 - Mast lowered height	mm	1990	2290
h2 - Mast free lift	mm	90	90
h3 - Mast lifting height	mm	2900	3500
h4 - Mast extended height	mm	3440	4040
Residual capacity at max height	kg	1200	930
Height at max capacity	mm	2490	2490

Free Lift Triplex (FLT)		
h1 - Mast lowered height	mm	
h2 - Mast free lift	mm	
h3 - Mast lifting height	mm	
h4 - Mast extended height	mm	
Residual capacity at max height	kg	
Height at max capacity	mm	

FLT 42	FLT 55
1890	2330
1390	1830
4200	5500
4720	6020
780	480
2490	2490

#### **Equipment**



Optional

Cold environment (from -28°C (-18°F))

External charger - 2.4kW AC - Lithium-ion - Single-phase

Key switch entry

Soft polyurethane drive wheel - 75 shore





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