Technical sheet :







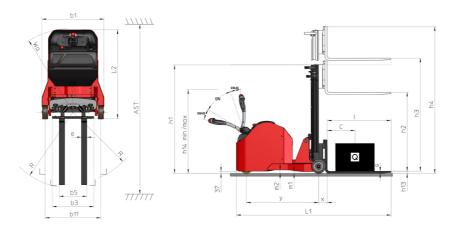
	Technical characteristics
.1	Manufacturer
2	Model Name
.3	Power source
.4	Operator type
.5	Max. capacity
.6	Load center of gravity
.8	Distance from Load backrest to center of rear axle
.9	Wheelbase
	Weight
.1	Service weight
.2	Weight on front axle (laden) / rear axle (laden)
.3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
.1	Tires type
.3	Number of load wheels / Size of load wheels
.5	Number of front wheels / rear wheels
5.2	Number of drive wheels / Size of drive wheels
.7	Rear wheel gauge
	Dimensions
15	Fork height in low position
9	Overall length
20	Length to face of forks
21	Overall width
22	Forks section / width / length
24	Fork carriage width
31	Ground clearance below mast
32	Ground clearance at centre of wheelbase
33	Aisle Width for pallets 1000 x 1200 crossways
34	Aisle width for 800 x 1200 pallet lengthways
35	Turning radius
.9	Height tiller min. / max.
	Performances
.1	Travel speed (laden / unladen)
2	Lifting speed (laden / unladen)
.3	Lowering speed (laden / unladen)
.8	Max Gradeability (laden / unladen)
10	Service brake
	Engine
1	Drive motor rating S2 60 min
2	Lift motor rating at S3 15%
.3	Battery according to DIN 43531/35/36 A, B, C
.4	Battery voltage / capacity
.5	Battery weight (+/- 5%)
	Miscellaneous
.1	Type of drive control
4	Sound level at the driver's ear according to DIN 12 053

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	Metric
	Manitou
	ES-C 711
	Electrical
	Pedestrian
	1100 kg
	500 mm
	157 mm
	940 mm
	2300 kg
	475 kg / 2921 kg
	1250 kg / 1050 kg
	Polyurethane
	2 / 250x100
	1 / 2
	1/254x100
1	1003 mm
3	45 mm
	2430 mm
	1280 mm
	1120 mm
/1	35 mm / 100 mm / 1150 mm
	750 mm
	31 mm
<u>)</u>	52 mm
t	2373 mm
t	2881 mm
1	1305 mm
h14	1005 mm / 1405 mm
	6 km/h / 6 km/h
	0.11 m/s / 0.20 m/s
	0.22 m/s / 0.20 m/s
	5 % / 8 %
	Electro magnetic
	2 kW
	4 kW
	DIN 43535-B
	24 V / 315 Ah
	275 kg
	273 Kg
	DC
	65 dB

ES-C 711 - Dimensional drawing



Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
a - Mast/fork carriage tilt, forward	٥	4	4
β - Mast/fork carriage tilt, backward	٥	6	б
h1 - Mast lowered height	mm	1955	2205
h2 - Mast free lift	mm	1465	1715
h3 - Mast lifting height	mm	1465	1715
h4 - Mast extended height	mm	2030	2280
Residual capacity at max height	kg	1100	1100

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38
α - Mast/fork carriage tilt, forward	۰	3	3	3
h1 - Mast lowered height	mm	1955	2205	2405
h3 - Mast lifting height	mm	2890	3390	3790
h4 - Mast extended height	mm	3455	3955	4355
Residual capacity at max height	kg	1100	1100	1100

Free Lift Duplex (FLD)		FLD 29	FLD 34
a - Mast/fork carriage tilt, forward	۰	4	4
β - Mast/fork carriage tilt, backward	٥	6	6
h1 - Mast lowered height	mm	1955	2205
h2 - Mast free lift	mm	1465	1715
h3 - Mast lifting height	mm	2890	3390
h4 - Mast extended height	mm	3455	3955
Residual capacity at max height	kg	1100	1100

Free Lift Triplex (FLT)		FLT 42	FLT 47	FLT 54
α - Mast/fork carriage tilt, forward	٥	4	4	4
β - Mast/fork carriage tilt, backward	٥	6	6	6
h1 - Mast lowered height	mm	1915	2075	2315
h2 - Mast free lift	mm	1425	1585	1835
h3 - Mast lifting height	mm	4205	4685	5415
h4 - Mast extended height	mm	4770	5250	5980
Residual capacity at max height	kg	850	650	400



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