Technical sheet :

ES 616 5 POINTS





Teo	hnical characteristics
	ufacturer
	lel Name
1.3 Pow	er source
1.4 Ope	rator type
· ·	capacity
	d center of gravity
	ance from Load backrest to center of rear axle
	elbase
Wei	
	ice weight
	ght on front axle (laden) / rear axle (laden)
	ght on front axie (Inden) / rear axie (Unladen)
2.3 Whe	
	s type
	s ype nber of load wheels / Size of load wheels
	ther of stabilizer wheels / Size of the stabilizer wheels
	nber of stabilizer wheels / size of the stabilizer wheels
	nber of front wheels / rear wheels nber of drive wheels / Size of drive wheels
	it wheel gauge
	r wheel gauge
	ensions
	height in low position
	rall length
	gth to face of forks
	rall width
	s section / width / length
	s carriage width
	und clearance at centre of wheelbase
	e Width for pallets 1000 x 1200 crossways
	e width for 800 x 1200 pallet lengthways
	ing radius
	yht tiller min. / max.
	omances
	el speed (laden / unladen)
5.2 Lift	ng speed (laden / unladen)
5.3 Low	ering speed (laden / unladen)
5.10 Serv	ice brake
Eng	ine
6.1 Driv	e motor rating S2 60 min
6.2 Lift	motor rating at S3 15%
6.3 Batt	ery according to DIN 43531/35/36 A, B, C
6.4 Batt	ery voltage / capacity
6.5 Batt	ery weight (+/- 5%)
	cellaneous
Mis	cellaneous e of drive control

Metric
Manitou
ES 616 5 points
Electrical - Lead
Pedestrian
1600 kg
600 mm
687 mm
1272 mm
1225 kg
820 kg / 2005 kg
795 kg / 430 kg
Polyurethane
4 / 82 x 68
2 / 120 x 54
3/4
1/230 x 70
558 mm
380 mm
85 mm
1910 mm
761 mm
800 mm
60 mm / 185 mm / 1150 mm
700 mm
30 mm
2286 mm
2325 mm
1476 mm
750 mm / 1250 mm
6 km/h / 6 km/h
0.18 m/s / 0.30 m/s
0.27 m/s / 0.22 m/s
Electro magnetic
1.50 kW
3 kW
DIN 43535-B
24 V / 250 Ah
220 kg
AC
65 dB

Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1930	2180
h2 - Mast free lift	mm	1505	1755
h3 - Mast lifting height	mm	1505	1755
h4 - Mast extended height	mm	1944	2194
Residual capacity at max height	kg	1600	1600

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38
h1 - Mast lowered height	mm	1930	2180	2380
h3 - Mast lifting height	mm	2935	3435	3835
h4 - Mast extended height	mm	3374	3874	4274
Residual capacity at max height	kg	1100	850	550

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	1930	2180
h2 - Mast free lift	mm	1505	1755
h3 - Mast lifting height	mm	2930	3430
h4 - Mast extended height	mm	3369	3869
Residual capacity at max height	kg	1100	850

Free Lift Triplex (FLT)		FLT 42
h1 - Mast lowered height	mm	1889
h2 - Mast free lift	mm	1465
h3 - Mast lifting height	mm	4245
h4 - Mast extended height	mm	4701
Residual capacity at max height	kg	400



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