

Technical sheet :

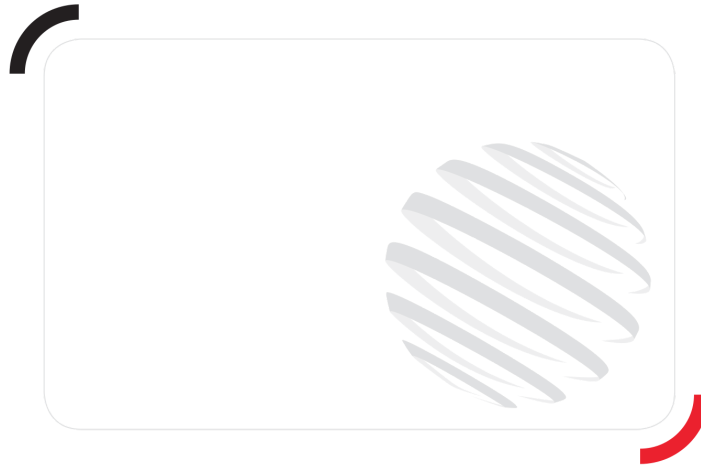
# **ES 420 DL PFR 6**

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Technical characteristics			Metric
1.1	Manufacturer		Manitou
1.2	Model Name		ES 420 DL PFR 6
1.3	Power source		Battery
1.4	Operator type		Carried
1.5	Max. capacity	Q	2000 kg
1.51	Nominal capacity on wrapover forks	Q	1000 kg
1.52	Nominal capacity in double stacking 1 / 2	Q / Q	1000 kg + 1000 kg
1.6	Load centre of gravity	c	600 mm
1.8	Distance from Load backrest to center of rear axle	x	997 m
1.9	Wheelbase	y	1704 mm
Weight			
2.1	Service weight		1060 kg
2.2	Weight on front axle (laden) / rear axle (laden)		1475 kg / 1585 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		755 kg / 305 kg
Wheels			
3.1	Tyres type		Polyurethane
3.5.2	Number of drive wheels / Size of drive wheels		1x230x75
3.3	Number of load wheels / Size of load wheels		4 / 82x68
3.4	Number of stabilizer wheels / Size of the stabilizer wheels		2 / 120x50
3.5	Number of front wheels / rear wheels		3 / 4
3.6	Front wheel gauge	b10	435 mm
3.7	Rear wheel gauge	b11	380 mm
Dimensions			
4.9	Height tiller up min. / max.	h14 / h14	1045 mm / 1275 mm
4.19	Overall length	l1	2140 mm
4.20	Length to face of forks	l2	950 mm
4.21	Overall width	b1	688 mm
4.22	Forks section / width / length	s / e / l	60 mm / 80 mm / 1190 mm
4.24	Fork carriage width	b3	650 m
4.31	Ground clearance below mast	m1	25 m
4.32	Ground clearance at centre of wheelbase	m2	30 m
4.35	Turning radius	Wa	2010 mm
Performances			
5.1	Travel speed (laden / unladen)		5.50 km/h / 6 km/h
5.2	Lifting speed (laden / unladen)		0.11 m/s / 0.18 m/s
5.3	Lowering speed (laden / unladen)		0.20 m/s / 0.24 m/s
5.10	Service brake		Electro magnetic
Engine			
6.1	Drive motor rating S2 60 min		1.70 kW
6.2	Lift motor rating at S3 15%		2 kW
6.3	Battery according to DIN 43531/35/36 A, B, C		No
6.4	Battery / Batteries capacity		24 V / 270 Ah
6.5	Battery weight (+/- 5%)		245 kg
Miscellaneous			
8.1	Type of drive control		AC
8.4	Sound level at the driver's ear according to DIN 12 053		65 dB(A)





Siège Social

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