

Technical sheet :

ES-C 510



 **MANITOU**
HANDLING YOUR WORLD

Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	in (mm)	76 (1931)	85.9 (2181)
h2 - Mast free lift	in (mm)	55.9 (1420)	65.7 (1670)
h3 - Mast lifting height	in (mm)	55.9 (1420)	65.7 (1670)
h4 - Mast extended height	in (mm)	81.5 (2070)	91.3 (2320)
Residual capacity at max height	lb (kg)	2205 (1000)	2205 (1000)

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38
h1 - Mast lowered height	in (mm)	76 (1931)	85.9 (2181)	93.7 (2381)
h3 - Mast lifting height	in (mm)	112.2 (2850)	131.9 (3350)	147.6 (3750)
h4 - Mast extended height	in (mm)	137.8 (3500)	157.5 (4000)	173.2 (4400)
Residual capacity at max height	lb (kg)	2205 (1000)	2205 (1000)	1984 (900)

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	in (mm)	76 (1931)	85.9 (2181)
h2 - Mast free lift	in (mm)	55.9 (1420)	65.7 (1670)
h3 - Mast lifting height	in (mm)	112.2 (2850)	132.1 (3355)
h4 - Mast extended height	in (mm)	137.8 (3500)	157.5 (4000)
Residual capacity at max height	lb (kg)	2205 (1000)	2205 (1000)

Free Lift Triplex (FLT)		FLT 42
h1 - Mast lowered height	in (mm)	77 (1956)
h2 - Mast free lift	in (mm)	54.3 (1380)
h3 - Mast lifting height	in (mm)	163.8 (4160)
h4 - Mast extended height	in (mm)	189.4 (4810)
Residual capacity at max height	lb (kg)	1764 (800)



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