

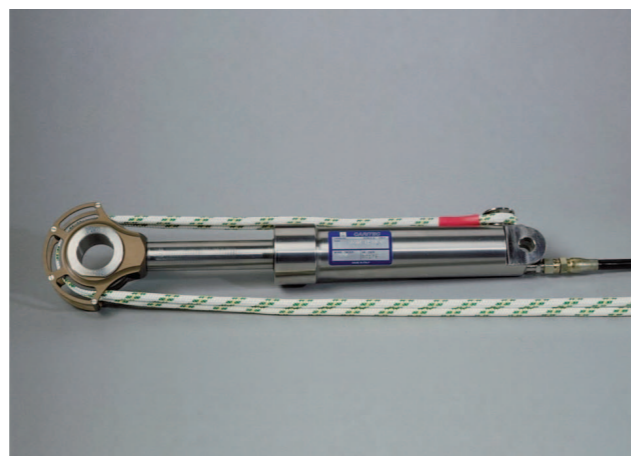
SIMPLE MAGIC TRIM

Simple Magic Trim comes from the idea of the Magic Trim, applied to very compact dimension and weight.

This is a 2:1 tackle made by a single acting cylinder that works in compression. When the ram is extended, the sheet passing through the sheave is trimmed by a length equal to two times its extension. The ram is closed by the sheet load when the oil is released.

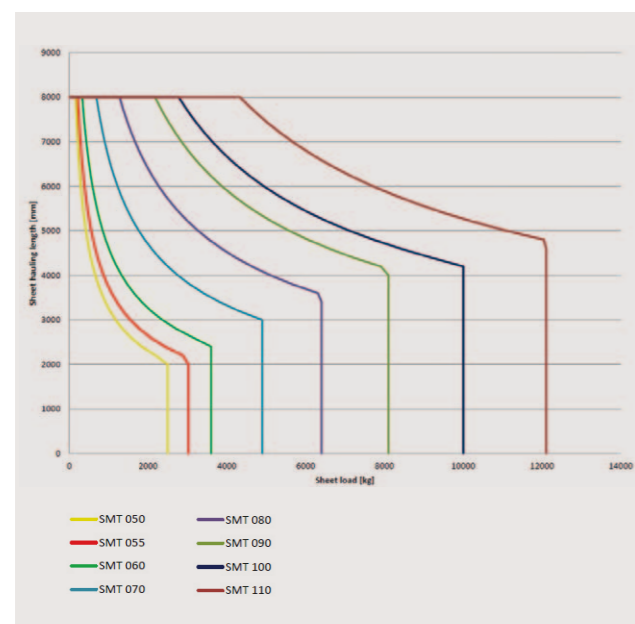
It is possible to control a single or a double sheet choosing the respective sheave. Even though the system is made by a tackle, the load transmitted to the fixing point is identical to the sheet working load.

The Simple Magic Trim is available in three high tech Titanium models and three 7075 Aluminium (Ergal) models with different load and stroke.



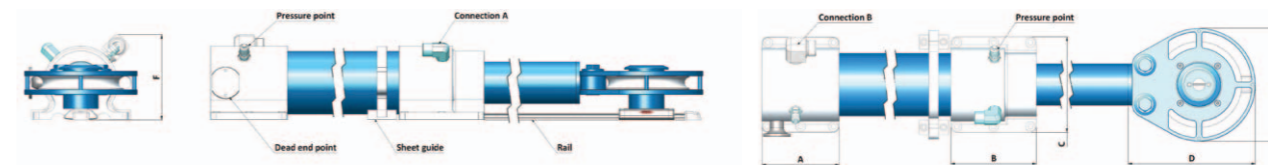
TITANIUM SMT 30 Ti FOR 2000 AMERICA'S CUP

MODEL	Max hauling load		Max oil pressure		Hauling breaking load		Oil fittings	
	kg	lb	bar	psi	kg	lb	Connection A	Connection B
SMT 050	2502	5516	250	3625	5000	11023	9/16 UNF – JIC 37°	9/16 UNF – JIC 37°
SMT 055	3027	6673	250	3625	6000	13228	9/16 UNF – JIC 37°	9/16 UNF – JIC 37°
SMT 060	3603	7943	250	3625	7000	15432	9/16 UNF – JIC 37°	3/4 UNF – JIC 37°
SMT 070	4904	10811	250	3625	10000	22046	9/16 UNF – JIC 37°	3/4 UNF – JIC 37°
SMT 080	6405	14121	250	3625	12000	26455	9/16 UNF – JIC 37°	3/4 UNF – JIC 37°
SMT 090	8106	17871	250	3625	16000	35274	3/4 UNF – JIC 37°	3/4 BSP
SMT 100	10008	22064	250	3625	20000	44092	3/4 UNF – JIC 37°	3/4 BSP
SMT 110	12109	26696	250	3625	24000	52911	3/4 UNF – JIC 37°	3/4 BSP



Allegra by Nigel Irens design - Green Marine

SIMPLE MAGIC TRIM



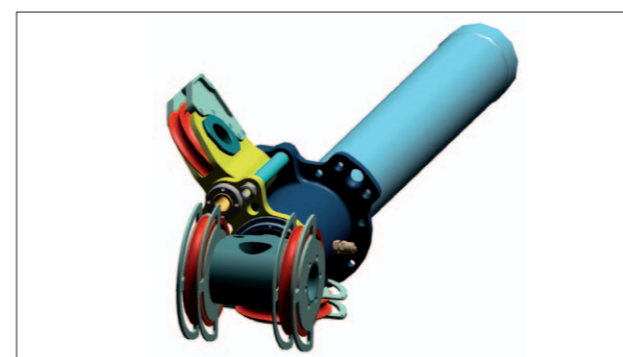
MODEL	Bore	A	B	C	D	E
	mm	mm	mm	mm	mm	mm
SMT 050	50	115	139	125	168,5	149
SMT 055	55	95	104	120	136,5	144
SMT 060	60	116	116	130	165	147
SMT 070	70	120	150	150	184,7	155
SMT 080	80	120	90	160	203,5	180
SMT 090	90	148	111	188	257,5	235
SMT 100	100	158	174,5	195	260,5	231
SMT 110	110	170	119,1	206	255,6	239

MAGIC TESTA

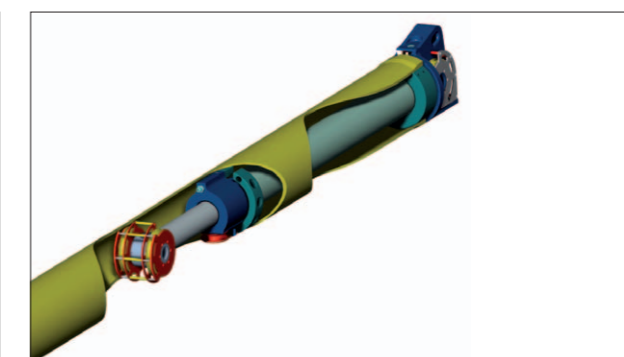
Magic Testa concept is a special version of Magic Trim, engineered for unique applications: the boat which installed Magic Testa on board, like the 60' trimarans Tim and Bonduelle, used it to hydraulically control the mainsheet and the canting mast.



The mainsheet is controlled by a smaller unit installed inside the boom.



Magic 95 Testa Canting Mast



The mainsheet is controlled by a smaller unit installed inside the boom.

The movement of the mast (both 20° left-right and bow-stern) is controlled by two Magic Testa horizontally installed in the side hulls, which act on the shroud through a pivoting pulley.

