

IOM Weight Budget

Anders Wallin, 2003Feb, send comments/suggestions to anders.wallin@helsinki.fi

Weights are for FIN 26, an Italiko built by SAILSetc in 2003, rigs and radio built/installed by A.W

All weights in grams.

Bold = Measured, plain = estimate

	weight	comments
Hull		
Italiko hull	623	(including deck and all fittings)
Deck Patches	13	
Tiller arm + servo connector	20	
Radio plate + attachments	25	
Winch	133	(RMG SW 280c, including drum)
Rudder Servo	45	(Futaba S3003)
5-cell 1800mAh NiMH Battery	145	(Toshiba, including molex connector)
Receiver	23	(Futaba R-113IP 3ch FM PCM)
Corrector weights	120	
Hull Total	1147	

Keel			
Fin	108		(7 % SAILSetc)
Bulb	2387		(340 mm long SAILSetc)
Keel Total	2495		<i>minimum 2200, maximum 2500</i>

Rudder			
Rudder including stock	55		(SAILSetc injection moulded w. 4 mm ss stock)
Rudder Total	55		<i>maximum 75</i>

Rig	<u>1</u>	<u>2</u>	<u>3</u>	
Mast	118	97	72	(1 12,7mm round, 2 and 3 11,1mm round)
Gooseneck/kickingstrap	21	21	21	(not ball raced)
Main boom	21	20	18	(all SAILSetc section)
Jib boom	26	25	21	(all SAILSetc section)
Mainsail	41	41	32	(including sail identification marks)
Jib	26	25	18	(including sail identification marks)
Mast plug + backstay crane	6	6	6	
Spreaders	3	3	3	
Bottlescrews, 2pcs	8	8	8	
Fittings + shrouds/stays	7	7	7	
Jib counterbalance weight	36	31	31	
Corrector weight	0	30	75	
Rig Total	313	314	312	

Boat				
	with rig 1	with rig 2	with rig 3	
Boat Total	4010	4011	4009	<i>minimum 4000</i>