

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

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

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

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

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