

Dragonforce 65 Setup and Tuning Guide

<https://quicksilversails.wordpress.com>

Phil Burgess philb@psk.com.au

Boat Part	Measurement Points	A+ Rig (0-10kts)	A Rig (8 - 15kts)	Today's Settings
Jib Tack Attachment	From Jib Tack Hook to middle of Jib Silicon Rings A & B	63 mm	63mm	
	Distance off deck	Low	Low as possible	
Jib Boom Guide Eye	From Jib Tack Hook to back of Jib sheet Guide Eye	160 mm	160mm	
Mainsheet Guide Eye	From Lower Gooseneck bolt to front of Mainsheet Guide Eye	80mm	80mm	
Mast Gate	From back of Deck Eye 2 jib tie down to front edge of	176 mm	176mm	
Mast Rake	From back edge of black Bow Bumper where it meets the hull, to the front bottom side of the hole in the forestay tang	963 mm	750 mm	
	From top of Backstay Hook on transom to Crane rear hole	932 mm	930mm	
Mast Bend	Tension Backstay so Mast bend matches Mainsail luff	Match luff round	Match luff round	
Mainsail Bridle	Ring on bridle centred with 45cm on each deck eye adjustment and 65cm on mainsheet bridle plate	Exactly centred	Exactly Centred	
Boom Outhaul Sail Depth	At centre of Jib Boom deepest point	25-30 mm, 15 mm at top of range	20-25mm	
	At centre of Main Boom deepest point	25-30 mm, 15 mm at top of range	20mm	
Boom - Close-hauled	Jib - from centreline at end of Jib Boom	40-45 mm	40-45mm	
	Main - from centreline at end of Main Boom	10-20 mm	10-20mm	
Booms - Running	From centreline when let fully out (both Main & Jib)	Main 80 degrees, Jib 85 degrees	Main 80 degrees, Jib 85 degrees	
Leech Twist	Jib - from Topping Lift to leech at bottom jib batten	50-60 mm, more twist at top of range	50mm	
	Mainsail - from Backstay to leech at middle batten	70-85 mm, more twist at top of range	70mm	
Rudder	Maximum travel from centreline	35 degrees	35 degrees	

Adapted from Assembly Manual, Tim Long's Soch Sails Tuning Guide and own tuning experience