

505 TUNING GUIDE.

SPREADERS + SET UP

- Mast should have 5mm pre-bend @ spreader height @7850mm Rake
- Shrouds 1 hole back neutral

MAST

- Aft mast foot to transom station 11 – 3065mm
- Shroud from transom – 2650mm (neutral)
- Mast rake measure from top band on mast to inside of transom floor.

TUNING IS KEY TO PERFORMANCE – P&B TUNING GUIDES ARE CREATED, TRIED AND TESTED BY OUR SAILORS AND BRAND AMBASSADORS.

CROSS SECTION VIEW OF MAST + SPREADERS



MAST: M2/ALTO

A = 390-410mm Crew Weight Dependant

B = 135-150mm Pre-bend @7850 Rake

Measurement **A** is taken from shroud to shroud.

Measurement **B** is taken from the mast groove to a straight line taken from shroud to shroud.

WIND SPEED	0-4	4-8	8-12	12-17	17-22	22-UP
MAST RAKE	7850	7850	7850-7760	7760-7650	7650-7500	7450
RIG TENSION SHROUDS	30	30	30	30	32	33
SHROUDS TRACKS	Forward 1 hole	2650	Aft 1 hole	Aft 1 hole	Aft 2 holes	Aft 2 holes +
KICKER	-	-	A BIT	YES	LOADS	LOADS
REASONS	-	To stop boom skying when tacking or easing	To control twist	To control twist	To control twist and bend mast	As much as you can handle
CUNNINGHAM	NO	NO	NO	NO	YES	YES
JIB FAIRLEADS FROM C/LINE - C/L CAR	500	450-500	450-520	520-610	610-680	680+
STRUT (FROM NEUTRAL-UPRIGHT SETTING)	-30mm	-10mm	0	10-20mm	20-25mm	25-30mm
JIB LUFF TENSION	No creases	See creases	Just a hint of creases	No creases	Tension – a little	Tension – a little
CENTREBOARD POSITION	10 degrees fwd in gybe	10 degrees fwd in gybe	Straight down in gybe	Raise 2-6cm, choppy water raise more	Raise 7-10cm, choppy water raise more	Raise 11-15cm
OUTHHAUL	Tight	Ease 15mm	Ease 10mm	Tight	Very tight	Very tight