



DIMENSIONING SELF-TACKING JIB

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Four steps to your new self-tacking jib

1.) **Determine track size:**

The rule of thumb is: Size II at less than 8 metres ship length,
Size III at about 8 - 12 metres ship length. (ask specialist if necessary!)

2.) **Mounting type:**

There is the superstructure kit for “**deck mounting**”, i.e. mounting on the running deck or on the cabin roof with horizontal mounting arrangement.

Alternatively, select the “**side mounting**” superstructure kit, in which the attachment is made to the side superstructure. So on a vertical plane.

Both sets are equipped with swivelling feet (20°) to compensate for deck or superstructure slopes.

3.) **Determine track width:**

Measure from port side mounting point to starboard mounting point. We call this measure the **length of the baseline**.

Ideally, this point is located close to the base of the mast so that you can make the midpoint attachment here, consisting of two stainless steel brackets that can be tilted. When determining all mounting points, please ensure that there is sufficient material thickness and space. If necessary, we recommend that the stability test be carried out by a specialist. If necessary, we recommend reinforcements below deck.



Production and distribution:

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4.) **Determine bending radius:**

To do this, please measure the distance from the forestay at right angles to the mounting point at the mast base, i.e. the selected mounting point amidships at the mast base where you mount the tiltable stainless steel feet. This distance “forestay to mast foot” gives the important measure for the bending, which we call **bending radius**. Pfeiffer Marine self-tacking jib kits always use a **vertical bend with ends up**. **With this data measured on your vessel, you can now trigger the order!**

	Size II	Size III
Track	7460201	7470001
Cars	7460502 with reinforced shackle	7480102 with reinforced shackle
Plunger stop (2 pcs.)	7770102	7790102
Bend	Vertical bend with ends on top	Vertical bend with ends on top
Baseline	Length baseline in cm:_____	Length baseline in cm:_____
Bending radius	Measured length in cm:_____	Measured length in cm:_____

If the distance “centre attachment to mounting point” is greater than 50 cm for size II and greater than 60 cm for size III, we recommend the use of intermediate supports so that the rail between the centre attachment and the mounting point outside is supported again. A set always consists of two intermediate supports with foldable base (deck) and support (under the rail).

Intermediate support kit:	7492096	7493096
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