

BBYC Haulout

How to measure your boat and set up the cradle.

What you need to know:

- The distance between the forward and rear horns of the Cradle: **A**
- The draft of your boat (bottom of keel to waterline): **D**
- The height of the gunwale above the bottom of the keel, abeam the mast: **H**

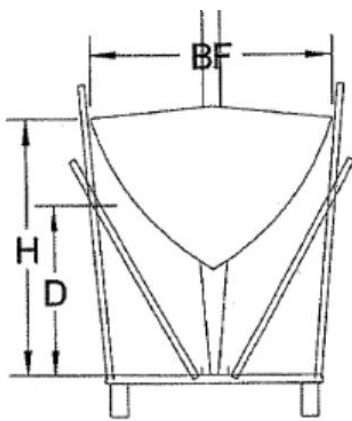
What you do next

- Measure the beam of the boat at the Mast: **BF**
- Measure the beam at the aft cradle arms: **SF** (*distance A, aft of the mast*).
Note: some boats have tumblehome (where the hull grows narrower above the waterline). You must include the extra width caused by tumblehome, or the boat will not slide into the cradle.
- *Keep these measurements safely for next year with any adjustments noted with experience.*

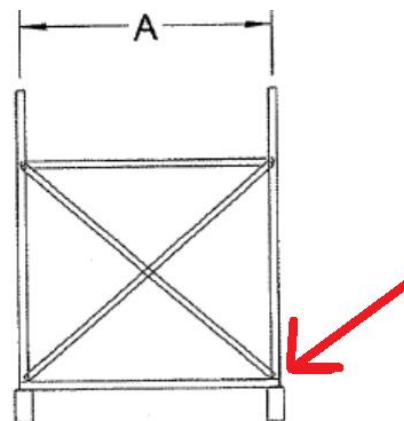
To set up the cradle:

- Wrap brightly coloured tape around the forward starboard horn at the level of the waterline **D**. (*Haulout Foreman must be able to see tape from 30 metres away*)
- Set the *forward* arms apart at the height **H** by the distance **BF**. Make sure the arms are symmetrical about the centre line of the cradle.
- Set the rear arms apart at the height **H** by the distance **SF**, **adding 200 mm to your calculation**.

Make sure the arms have been opened an equal amount on each side of the cradle (the arms must not be lop-sided at different angles).



Cradle seen from front



Cradle when viewed from the side

Note: the front of the cradle (the bows) are on the right. Arrow indicates the approximate position (on each side) where Horn Lines attach. This will vary, as cradles vary. The Yard Foreman will advise you.

Piece of cake.

Your boat should sit in the cradle with the mast between the front horns.