FluidCustom Measurement Guide



Year of Birth

This field confirms the specific race category.

Race Category

The Race Category is the starting point for custom rigging. All other fields make minor adjustments to increase or decrease the rigging dimensions and allow custom settings.

Race Weight

This field provides the initial boat size and race weight category.

Shoe Size

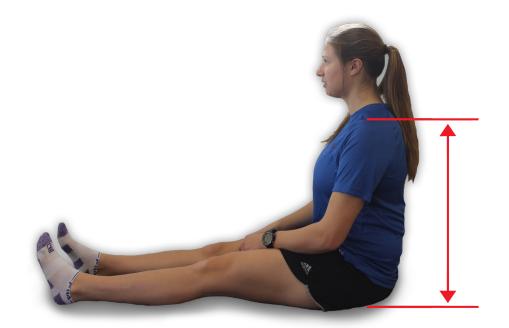
This field relates to the footstop height dimension.

Height

Height relates to athlete stroke length.

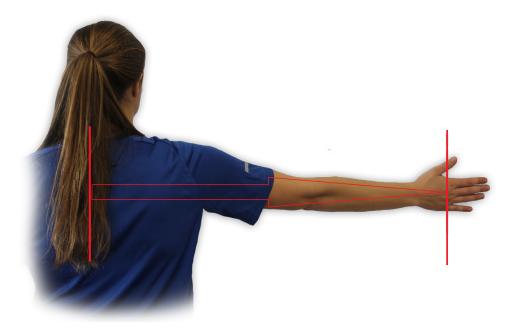
Seat to Shoulder Height

This field relates to oarlock height. Also with shin length it is a minor adjustment to footstop.



Sleeve Length

This field relates to stroke length, span and outboard dimensions.



Shin Length

This field along with seat to shoulder height provides a minor adjustment to footstop height.



Inseam Length

This field along with finish seat distance determines footstop placement. This field will also relate to the pin line distance from bow (rigger location)



Ankle Flexibility

This field relates to the footstop angle



Stroke Length Erg

This field relates to span and outboard



Seat Travel

This field relates to work through

Oarhandle to Front Seat

This field ties in stroke placement (oars) to finish seat distance (boat)

Oarhandle Finish Split Distance

This field relates to the inboard and also ties the stroke placement to the finish seat distance

Race Power

This relates to the span, outboard, inboard (rigging load)

Target Stroke Rate

This allows Purcerverance to determine adjust rigging load based on an estimated stroke ratio

Oar Manufacture

Knowing the type and size of the oars allows Purcerverance to set the rigging related to customer's oars

Blade Type

The blade area is related to rigging load this field allows improved custom rigging accuracy