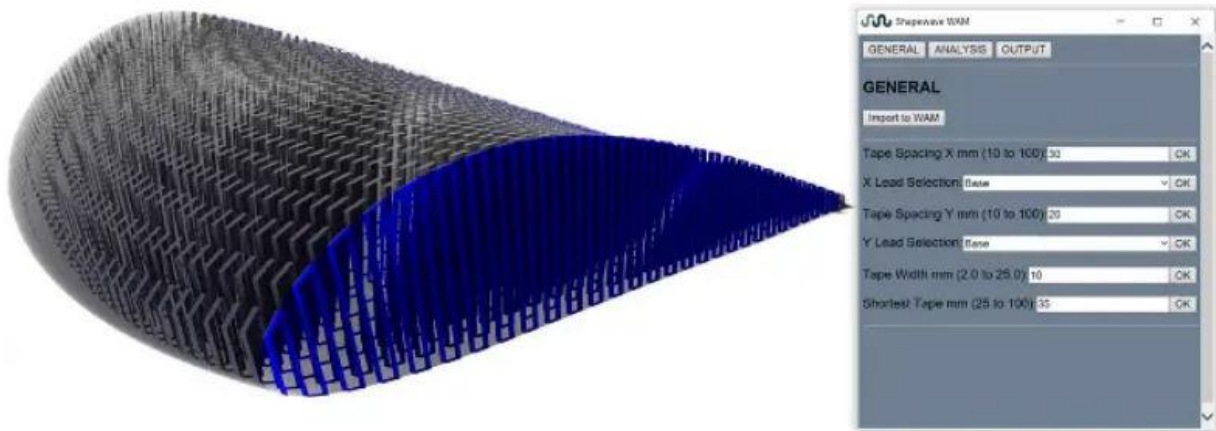


shapewave® WAM (Webbing Allocation Module) software

When we embarked on the journey to engineer our wavemaker01, we immediately realised the project would need to depend on good design software to automate the placement of the tape.

A good robot cannot navigate without a good map!

So we created WAM, our proprietary Webbing Allocation Module.



With WAM, you can effortlessly import any 3D design file and witness real-time magic unfold. WAM automatically calculates crucial parameters such as tape positions, tape lengths, tape angles, final build weight and material requirements, simplifying cost calculations.

It allows designers to customise the design and adjust parameters to preview the inflated part almost in real time before the materials are loaded onto the wavemaker01 tape welding machine.