

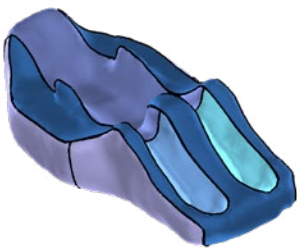


WRAPSTYLER[®]

Upholstery software
applied to orthopedics

Drawing on 30 years of research & development, Wrapstyler can calculate the covering pattern of any 3D surface.

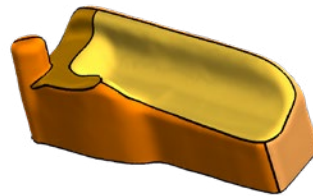
Wrapstyler was developed in close collaboration with the **major players of the large orthopedic devices industry**. This allowed to create an **easy-to-use** and **efficient** tool, producing extremely **reliable** results.



Bed



Footrest



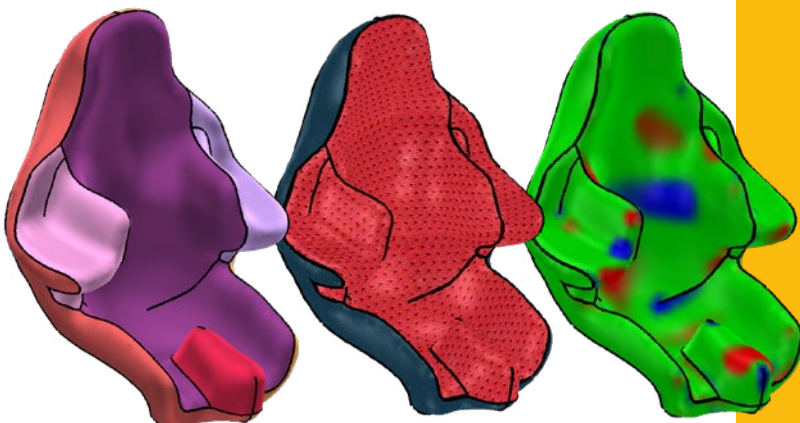
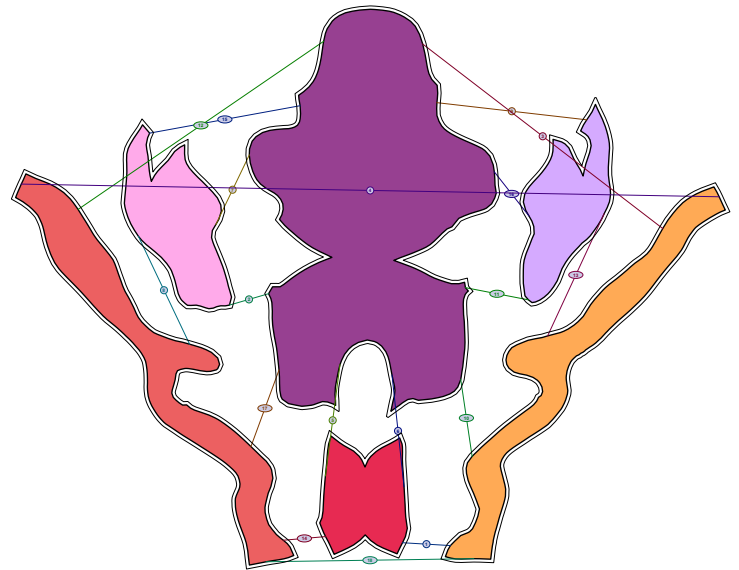
Armrest



Corset

WRAPSTYLER REVOLUTIONIZES THE PATTERNING OF LARGE DEVICES

- + **Faster** processes
- + **Better** cover quality (deformation simulation)
- + **Easier reproduction** of coverings
- + Patterns **digitalization**
- + **Time, efficiency** and **productivity** gains



HIGHLIGHTS

- + Simple, fast and reliable **flattening**
- + Management of fabric **elasticity**
- + Easy to use **cutting tools**
- + Automatic creation of **notches, flaps** and **assembly notices**
- + Easy **export** to cutting machines
- + Intuitive 2D/3D **synchronized** visualization
- + Numerous standard 3D/2D **import/export formats**

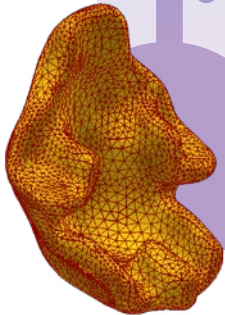
Functioning



3D scanner

Wrapstyler imports meshes in OBJ and STL formats, from 3D scanners or mesh modelers.

🕒 5 min



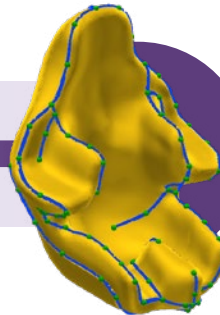
Base mesh

🕒 2 min



Mesh cleaned up

🕒 10 min

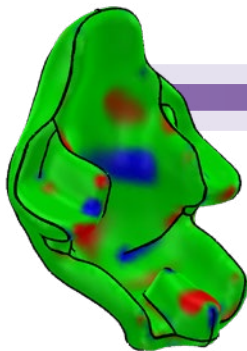


Seams drawn

🕒 2 min



Patterns generated + automatic notches

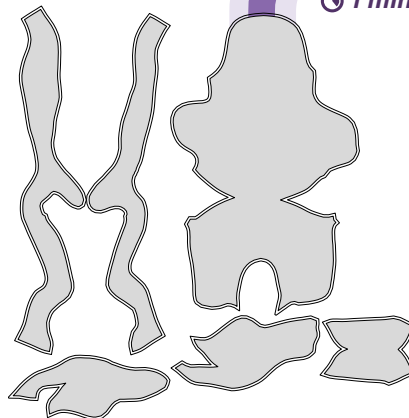


Feasibility check

Wrapstyler can check the feasibility of the project without you having to make a prototype, thus saving time and material.

It gives valuable indications on how to improve the patterns: change in the material, adjustment of the shape or displacement of the seams.

🕒 1 min



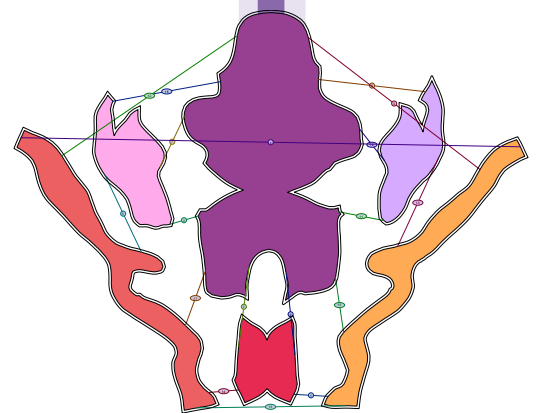
Cutting patterns

To communicate with the cutting tools, Wrapstyler uses the DXF AAMA and PDF standards.

Notches and flaps (seam allowances) are generated automatically.

Patterns can also be printed and cut with scissors.

🕒 5 min



Assembly notice

The assembly notice is a fundamental document that allows you to easily identify the parts to be sewn together.

**TOTAL
TIME :
about
25mn**



For more information :
<https://www.wrapstyler.com>
contact@wrapstyler.com

*Wrapstyler is a software edited by
POLYQUARK.*