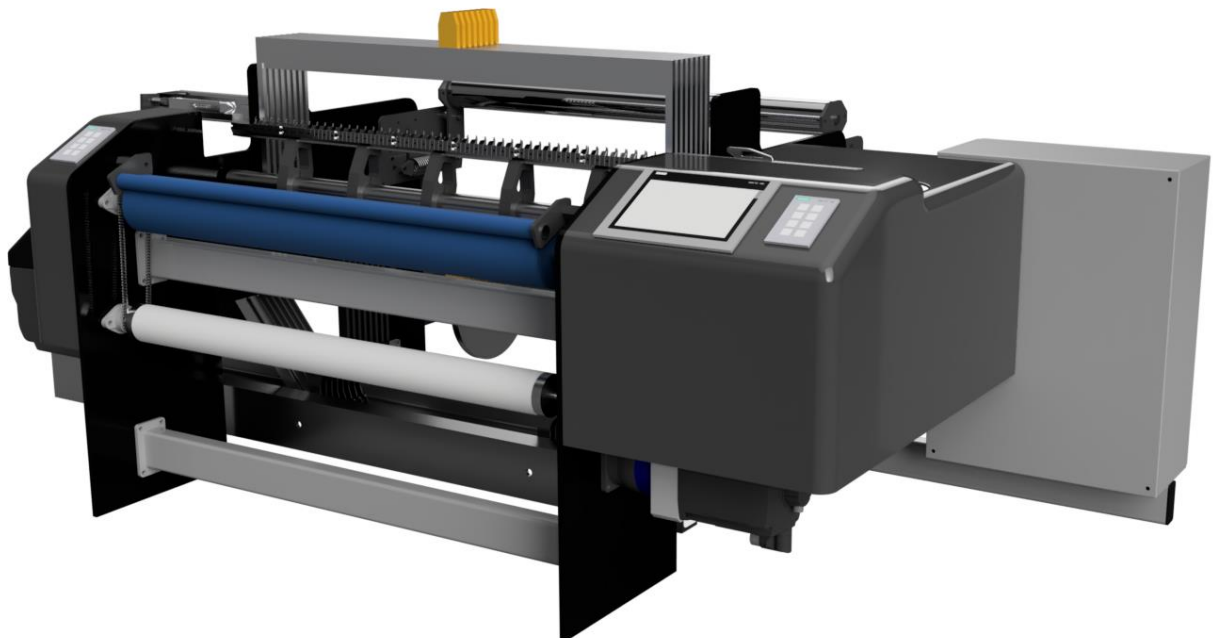


**OPTIMA 3D LTD**   
COMPOSITE WEAVING SOLUTIONS

## OPTIMA SERIES "RS" LOOM

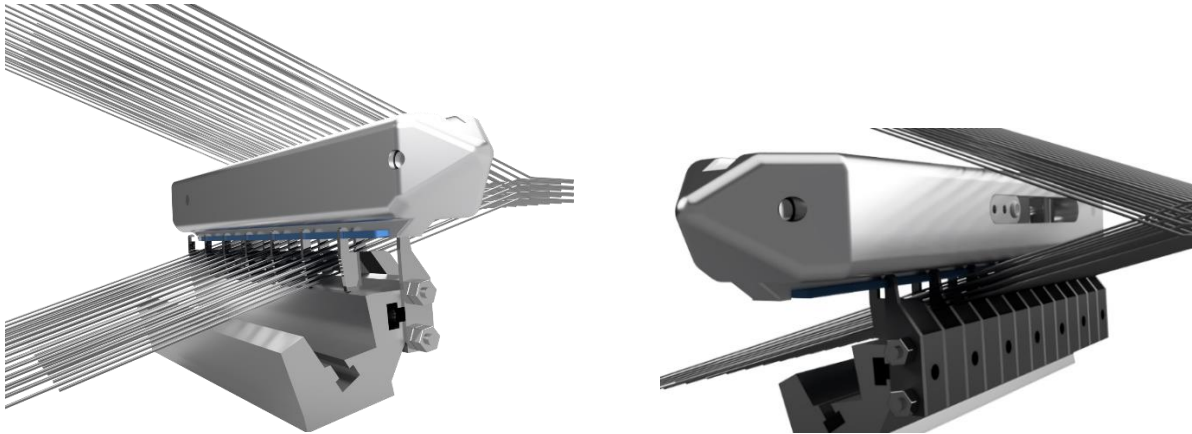
The **Series RS** is a Guided Shuttle loom which can be equipped with either Dobby or Jacquard shedding functions. The primary application is for weaving specialist narrow fabrics such as seamless tubular fabric and fabrics which require structural integrity on each selvedge. The **RS** is capable of 2.5cm fabric thickness and a fabric width of 120cm.

Optima's range of looms all deploy cutting edge drive & control technology offering excellent versatility via Optima's Digital Platform. The Digital Platform is accessed via the onboard touchscreen where all machine and pattern settings are performed.



## POSITIVELY DRIVEN GUIDED SHUTTLE

The key feature of the **Series RS** machine is the Positively Driven Guided Shuttle. Both the Reed & Shuttle drive are achieved via a Synchronous cam drive resulting much longer travel of the shuttle and maintaining higher weaving speeds.



## TECHNICAL SPECIFICATIONS

**Shedding Function:** via Dobby or Jacquard.

**Reed Function:** Oblique Reed motion via synchronous cam.

**Weft Insertion:** Positive drive Guided Shuttle via synchronous cam.

**Fabric Take Up:** Electronic drive & control of either Surface Roller or Linear Table.

**Warp Delivery:** Electronic drive & control of single or multiple warp beam, or Creel with optional electronic single or multiple warp delivery roller system externally mounted.

Optima offer a custom build service which is based on variants and options from the standard specifications listed above. Optima can also supply various ancillary equipment resulting in a complete **Turnkey** package.

For further information please contact: [sales@optima3d.co.uk](mailto:sales@optima3d.co.uk) where we will be happy to discuss your individual requirements. [www.optima3d.co.uk](http://www.optima3d.co.uk)