

**Machine Ref:** G2-RFRL31  
**Description:** Rifa High Speed Rapier Loom  
**Manufacturer:** Rifa (Chinese)  
**Quantity:** As required  
**W. Width:** As required  
**Year:** New

More pictures: [Click here](#)

Video: [Click here](#)

Brochure (PDF): [Click here](#)

Technical Specifications (PDF): [Click here](#)

### Brief technical information:

- RFRL31 is a high speed rapier loom (650 picks per min) with wide weaving versatility.
- Working widths ranging from 170 to 380cm
- 8 colour selectors (electronic)
- Max Beam Flange: 800mm to 1000mm
- Staubli Dobby or Cam operating 20 shafts
- Electrical Supply: 3 Phase 380-440v, 50Hz

It is designed to weave various types of fabrics such as wool, cashmere, cotton, denim, corduroy, rayon synthetic filament, silk, upholstery fabrics, industrial & filter cloths, linen glass fiber etc

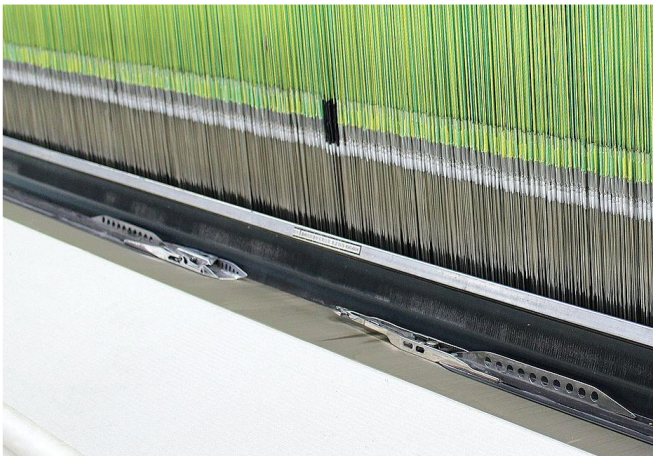




Easy operation digital control touch screen system with an advanced speed control system



Staubli cam or electronic dobby which drives up to 20 heald frames



Free Flight Without Guide Hooks

Insertion is driven by "space crank linkage" with better acceleration curve and speed curve, the weft exchange is accurate and stable. The Free Flight insertion system without guide hooks can avoid any damage to warps, especially suitable to weave top grade high-count & high-density fabrics



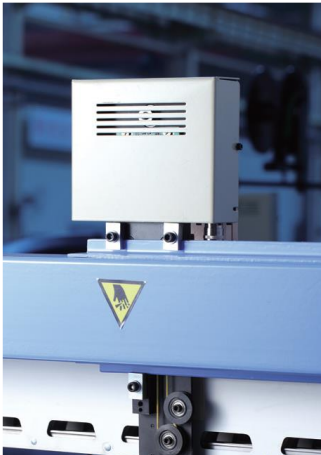
New Type of Power Saving Motor.

The RFRL31 adopts a super direct motor to drive the loom instead of a clutch and belt. The high power direct transmission reduces power consumption and maintenance cost.

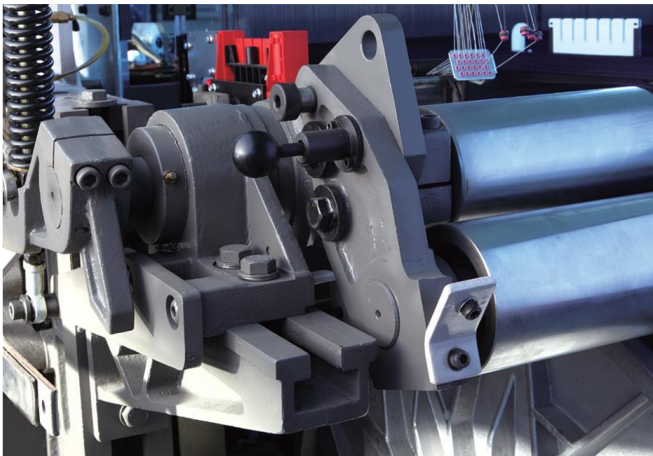




8 colour electronic weft selector



Electronic leno selvedge driven by special rotational motor or step motor. Alternative selvedge types possible.



Reinforced Back beam

Strengthening the back beam effectively balances the changes of warp tension during the weaving process. Different back beam structures for fabrics with different tensions.

**More photographs available on request**

## Service

Rifa Textile Machinery is committed to providing complete customer satisfaction in the delivery of products and follow up services. Starting from the pre-sales process, and continuing through the sales and after-sales phase, our service policy covers them all.

### Consulting Service

We are dedicated to offering technical support, product consulting services, and optimized product configuration strategy to customers as well as assisting them to work out the most appropriate workshop layout design.

**Staff Training**

A team of experienced and proven technicians is available to install and commission the equipment. Our professionals also provide training programs on how to use and take care of the weaving machines so as to keep them in an optimal running state while generating maximum output.

**Technical Support**

A timely, comprehensive technical support service is available. We give aid to customers in analysing specific fabric properties based on which the loom parameters, configurations, and weaving processes are determined so that the loom can yield fabrics that meet the quality and quantity requirements.

**After-Sales Service**

The powerful sales network is able to respond quickly to customer requirements in 24 hours. Our service men would arrive to his or her place in a timely, efficient manner, providing reliable spare parts or components for customers.