

GRIFFITH

TEXTILE MACHINES

Rapier Hand Loom L.S. Series



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- ◆ Wide Fabrics

Reed width of 2 metres including 2 x single width operation

- ◆ Fast and easy pedalling

The use of a lightweight rapier makes possible the weaving of both wide and narrow fabrics at high speed with light pedalling. A 2metre reed width loom can be pedalled continuously at 80 picks per minute , and a 1 metre machine at 120 picks per minute

- ◆ East weft pattern change

Punched card selector

- ◆ Gentle on yarns

The small shed and short reed throw mean less abrasion of the warp yarn

- ◆ Constant warp tension let-off

This is achieved by a simple tension controlled braking system. The tension can be altered by changing the position of the spring

- ◆ Quiet and clean

It can be installed almost anywhere

- ◆ No pirn winding or pirn replenishment

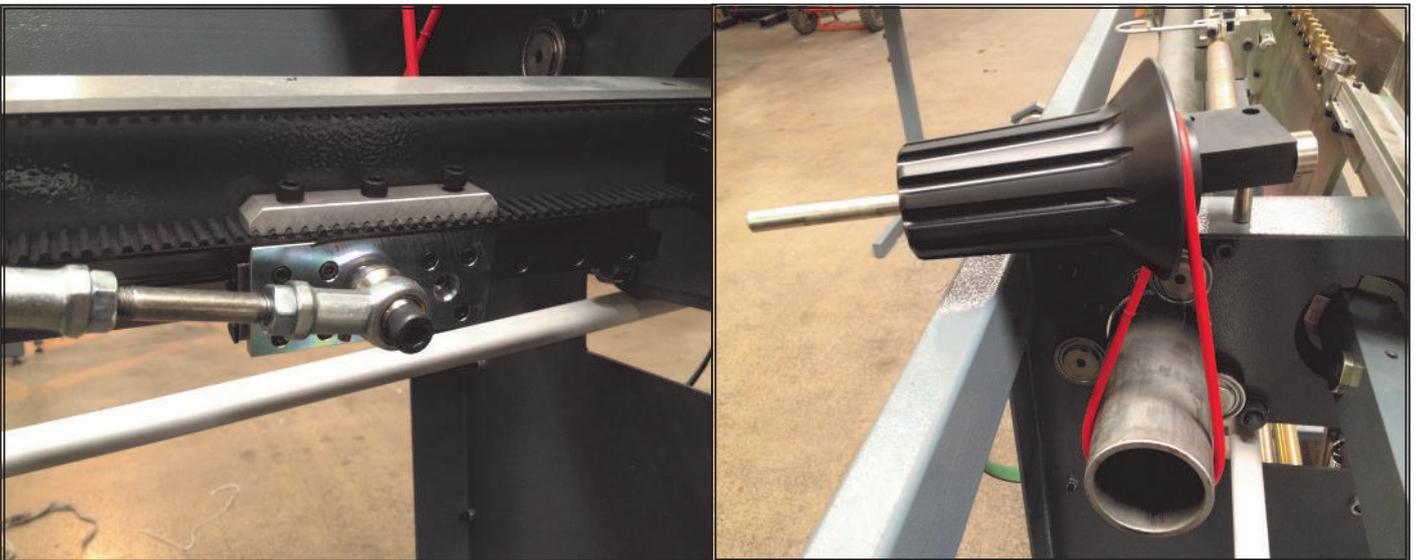
The weft is taken straight from standard yarn packages via a tensioning system

- ◆ Yarn break signal

A battery operated break indicator alerts the weaver to a weft or leno yarn break with an audible and visual led alarm

Improvements for 2014 include :-

- ◆ **New linear slide with precision bearings on the rapier drive resulting in greater stability for vastly improved pick up.**
- ◆ **New Rapier Head and Tape for greater durability and stability**
- ◆ **Increased dimensions of bearings and con rods for greater strength and rigidity without compromising pedal load**
- ◆ **New yarn break signal system with indicator lights.**
- ◆ **Solid base with levelling facility.**



Specification

- ◆ Reed width 2 metres

- ◆ Maximum fabric width in the reed 1.9 metres
 - ◆ Number of weft colours 6

- ◆ Maximum number of heald frames 8

- ◆ Pick repeat 4 to 16 , any sequence
 - ◆ Take-off rate 0,6 picks per mm

- ◆ Floor space (without operators seat or weft creel) 2100mm wide by 1500mm deep

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