

Mechanical Tucking-in

Working principle

Picanol's weaving machines can be equipped with air or mechanical tucking-in for maximum versatility. The mechanical tucking-in module provides a more versatile solution for customers weaving a wider variety of styles. For rapier machines in particular, where compressed air is not available, the mechanical tucking-in device is a very popular choice.

The main components of the mechanical tucking-in device are the clamp for holding the filling during beat-up, the cutter for providing an equal tip length and the mechanical hook for pulling the tip back into the shed and creating a high-quality selvage.

Advantages

- Quick set-up time, especially useful for short runs
- The tucked selvage is excellent for the finishing processes
- Versatility - works with a wider range of fabric styles than air tucking-in
- Weavers can convert the weaving machine quickly from leno to tucker and vice versa

Application

The mechanical tuckers can be installed on weaving machines currently equipped with leno selvage systems or with air tucking-in.

Left, center and right mechanical tuckers are available on cut and continuous reed.

A choice of pneumatic or mechanical clamp is available depending on the machine type.

The pneumatic clamp is available on airjet and rapier machines, while the mechanical clamp is only available for rapier machines.

There is a dedicated execution for tapes (≤ 3 mm) and monofil (monofil < 0.7 mm).



AVAILABLE ON AIRJET:

- OMNI*plus*
- OMNI*plus* 800
- OMNI*plus* 800 TC
- OMNI*plus* Summum
- OmniPlus-*i*
- OmniPlus-*i* Connect

AVAILABLE ON RAPIER:

- Gamma
- GamMax
- OptiMax
- OptiMax-*i*
- OptiMax-*i* Connect
- GT-Max
- GTMax-*i*
- GTMax-S
- GTMax-*i* 3.0
- GTMax-*i* 3.0S

Picanol Original Quality Parts offers a wide range of products and solutions to increase the flexibility, performance and profitability of your installed weaving machines. We provide state-of-the-art technology adapted for your weaving machines, helping you to realize maximum weaving results and value of the machine investment.

For more information, please contact your local Customer Service Representative (CSR).