

Air Tucking In (ATI)

Working principle

Air tuckers, compatible with continuous reeds in case of airjet, can be a value-adding replacement for mechanical tuckers in applications where higher machine speeds can be achieved. Users can achieve cost-effective tucked selvages, also with one or more center tuckers (multi-panel weaving). Switching between tucking-in and leno selvages is easy, making your looms more flexible and versatile.

The air tucker uses a suction device to hold the filling-end during beat-up, a cutter for constant tip length and an air nozzle to insert the tip of the filling-end back into the fabric guaranteeing a short and smooth selvage for your airjet or rapier weaving machine.

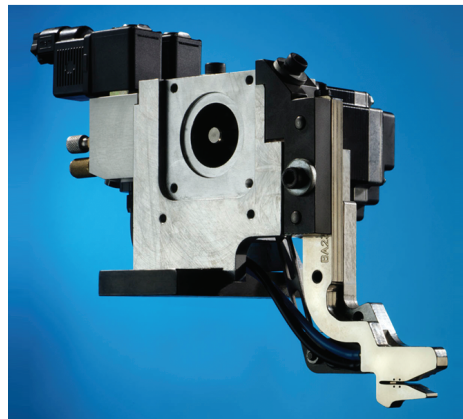
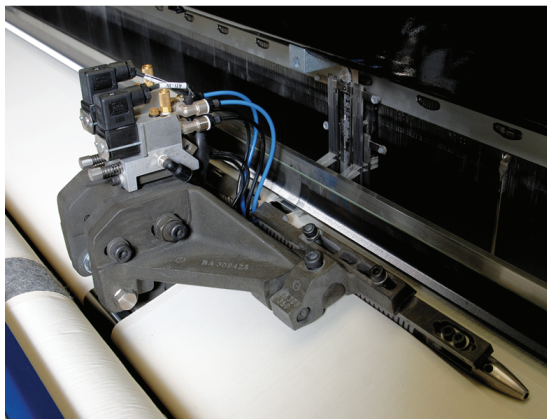
Advantages

- No lubrication, no risk of staining the fabric
- No moving mechanical parts, low maintenance
- Easy transformation from leno to tucker and vice versa
- No speed limitation compared to mechanical tucking-in
- Available on cut (rapier) and continuous (airjet) reed execution
- The tucked selvage is excellent to go through finishing processes
- Multi-panel weaving with air-tucked selvages without cutting the reed

Application

The air tuckers can be installed on weaving machines currently equipped with leno selvage systems or with mechanical tucking-in. Left, center and right air tuckers are available on cut and continuous reed.

PATENTED



AVAILABLE ON AIRJET:

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

AVAILABLE ON RAPIER:

- OptiMax
- OptiMax-*i*
- OptiMax-*i* Connect

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).

