

TwinStretch nozzle

Introduction

Filling yarns can sometimes form loops or snarls in the fabric due to the excessive contraction of the filling tip at the end of insertion. The occurrence of this phenomenon increases with higher speeds and often requires an extra stretching nozzle to solve this. By default, Picanol weaving machines have a single stretch nozzle which can reduce this phenomenon on a range of fabrics.

TwinStretch nozzle

The TwinStretch nozzle is a new improved stretch nozzle for use on the right-hand-side of the fabric. It can be placed in front of the reed (or auxiliary reed) to add that extra stretch you need in order to prevent flip-backs and kinky filling defects.

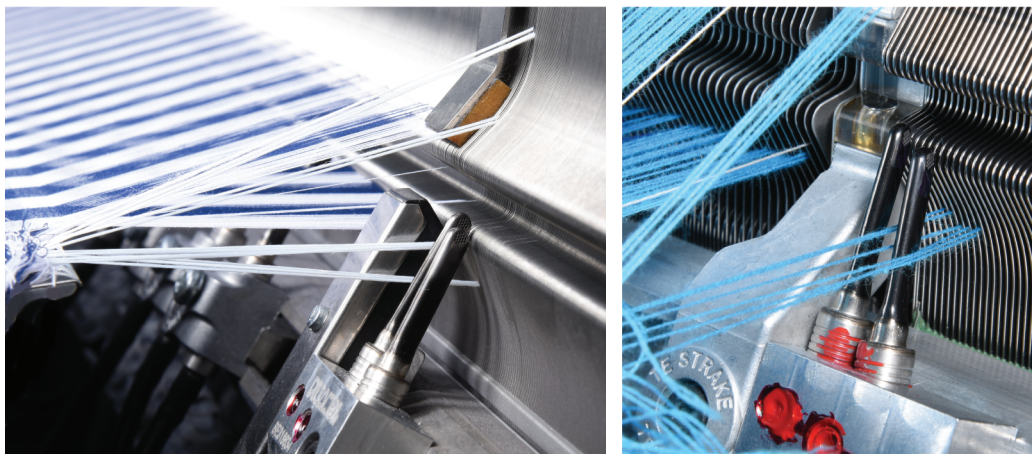
The stretch nozzle contains two special (shower-head) relay nozzles that are positioned next to each other but at a slightly different angle, allowing them to each create a specific airflow to stretch the filling yarn and keep it safely in the reed channel.

The simple but universal mounting solution allows it to be placed on a wide range of products so also older weaving machines can benefit from its power.

Advantages

- No filling stops due to lashing-in
- Better control of filling waste (less waste)
- No more loops of filling yarns, improved fabric quality
- Reduced air consumption and less risk of fabric faults compared to stretching with relay nozzles

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

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