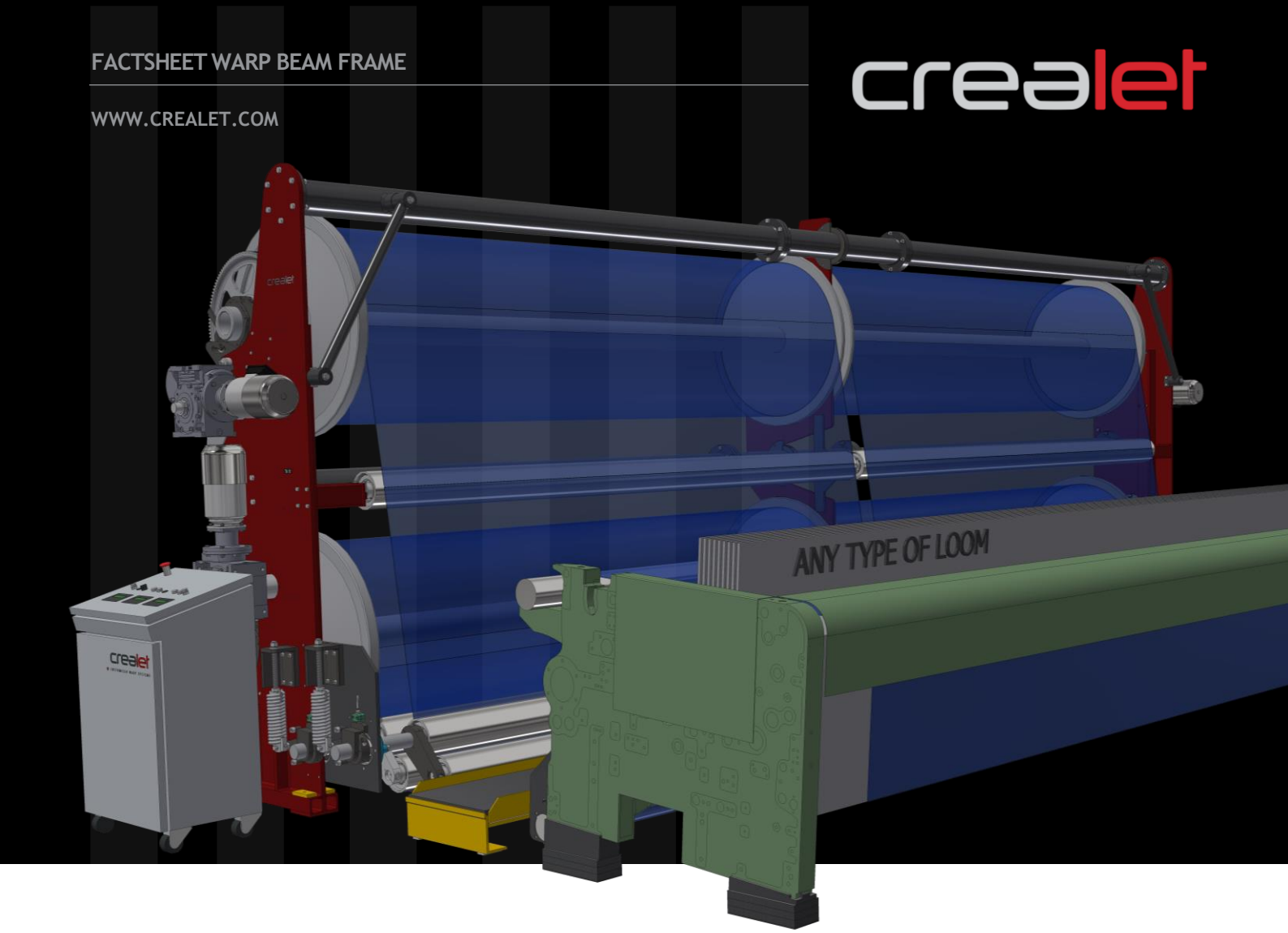

WARP BEAM FRAMES

DESIGNED FOR WEAVING WITH ADDITIONAL WARP BEAMS

OVERVIEW

When the warp beams are quickly woven out due to low weft densities or coarse yarns, it results in frequent warp beam changes, thereby reducing the efficiency of the weaving machine.

Weaving with an additional warp beams can be a viable alternative. Warp beams frames for single, or twin warp beams can be provided for different weaving machines.

KEY ADVANTAGES

- Uniform warp tension through the entire production process
- Longer running time and efficiency of the weaving machine
- Higher fabric quality and less waste
- Enables more unusual fabrics
- Warp thread breaks and machine load are reduced
- Less personnel and effort

swiss textile machinery

Save resources. Print responsibly.

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FACTSHEET WARP BEAM FRAME

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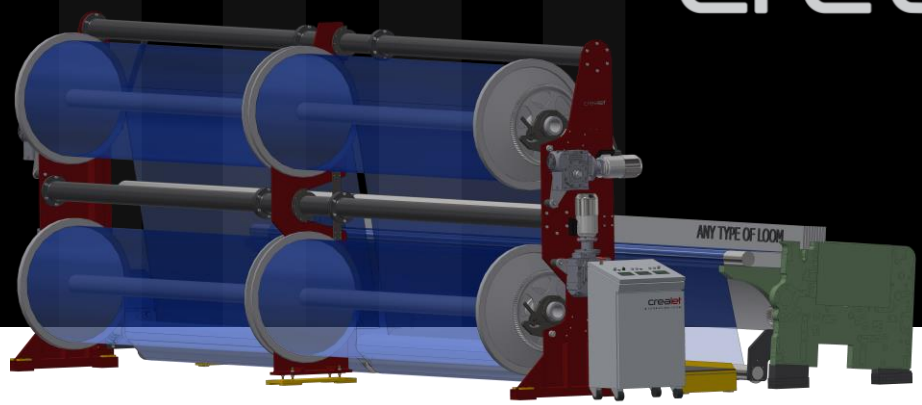


MORE EFFICIENT AND BETTER FABRIC QUALITY

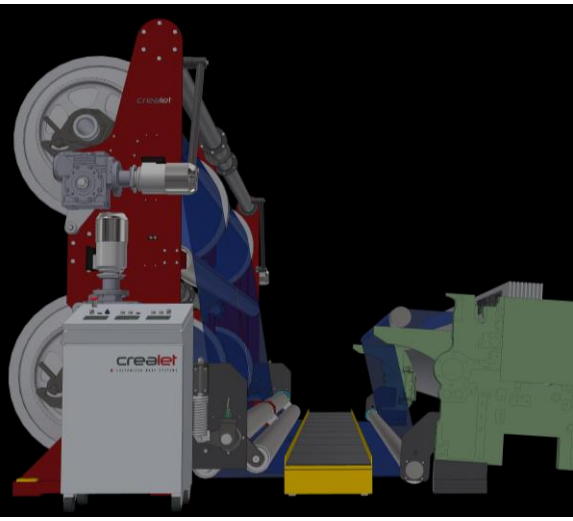
Weaving fashionable and fancy fabrics often creates a specific design or characteristic structure using special or additional threads, resulting in a slack in the tension or structure.

The weaving process and the weaving of special fabrics are strongly influenced by warp thread tension. To ensure good fabric quality and smooth operation of the weaving machine, warp tension must be optimized.

A warp beam frame is needed when using two or more thread systems that require different weave in. For example, this is true seersucker fabric, which is woven with strips of high-tension yarn and strips of lower tension yarn. Another example is weaving two layers where one layer of threads is pulled forward to form pleats, as in Piqué fabric. In such cases, two warp beams are required.

For fabrics produced in large quantities over extended periods, where the lower warp beam is quickly woven out, dividing the warp threads between several warp beams can make the weaving process more efficient and economical. Longer warp threads lead to longer machine running times, which reduces downtime and requires less frequent warp beam changes. It is an excellent opportunity to enhance productivity and competitiveness.

LET US CREATE TOGETHER THE SOLUTION FOR PRECISE WARP TENSION AND SUPERIOR TEXTILE QUALITY!



CUSTOMIZED WARP SYSTEMS

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