

High-performance harnesses

for fast running Jacquard weaving machines



Harnesses

Excellent productivity

As a result of minimum friction, high-performance harnesses offer insertion speeds of up to 1500 picks/min for narrow fabric needle looms, up to 1150 picks/min for air jet looms and 800 picks/min for rapier looms.

These extremely high speeds make top quality materials and precision design essential.

The harnesses raise the efficiency and productivity of the weaving machines by means of ingenious design (patented) and materials that meet the most stringent requirements.

Special features

- The smallest possible linkage points between the individual components (cords/healds/pull-down elements) make a decisive contribution to a reduction in friction and related vibration.
- The optimum form of this link prolongs the service life of the harness.



Delta harness link: patented plastic link, which can be reopened

Materials and design

Materials proven during practical operations assure low-wear running. In combination with careful component production, drilling and linkage, prolonged service life is assured even under the most demanding conditions.

- Comber board
Composite material with optimum bore radii and hole arrangement
- Cords
Special, resistant, high-strength polyester with anti-static finishing
- Delta harness link
Patented plastic link, which can be reopened
- Shrink-down plastic tube links
Easily exchangeable shrink-down plastic tube links with special conical ends, which prevent stacking. In combination with the new heald ends, this feature results in slim-line joins between the cords and the healds
- Pull-down
 - Steel springs
High-quality, stainless spring steel with vibration-absorbing guide rod.
 - Absorbing springs (JES-system)
 - Lycra: ageing-resistant, with lasting flexibility

We provide replacement harnesses for all sizes of machine. The simplest method of ordering substitute harnesses for Müller machines is by using the machine order number.

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Fascination of Ribbons and Narrow Fabrics Innovation in Machinery

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