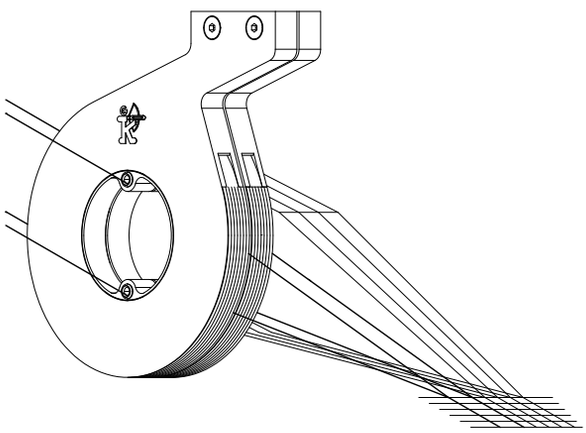
Gebr. Klöcker
Industrial Mechatronics

DiskRunner®

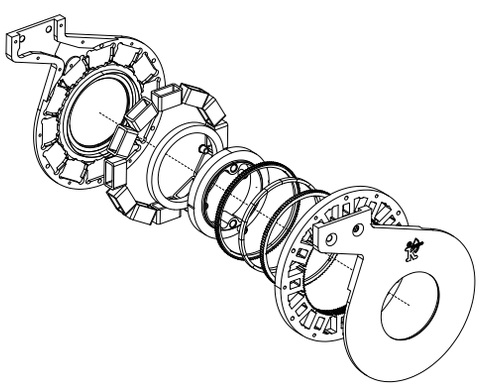
The Klöcker DiskRunner® creates on weaving machines a frame independent full-cross selvedge binding the fabric and / or waste selvedge on a two-thread basis. Its narrow design is particularly advantageous for double application in the center selvedge producing multiple fabrics side by side.

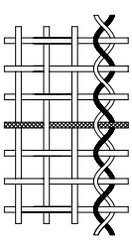
The sophisticated design is characterized by

- a full-cross leno selvedge on a two-thread basis
- frame independence with customized selvedge formation sequences going along with trouble free synchronization
- an electronically operated, long duration of the shed opening with separate control unit
- a maximum shed opening of 33 mm on the level of the second frame
- a maximum of up to 700 ppm
- the potential to pull off even finest leno threads from large bobbins
- the possibility of a quick and trouble free after-market equipment on all types and brands of weaving machines
- a minimum number of movable parts
- low operating costs due to high resistance to wear
- landmark userfriendliness

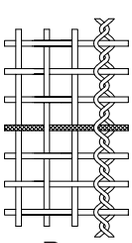


DiskRunner® in double arrangement for the center selvedge





Inversion



Pro

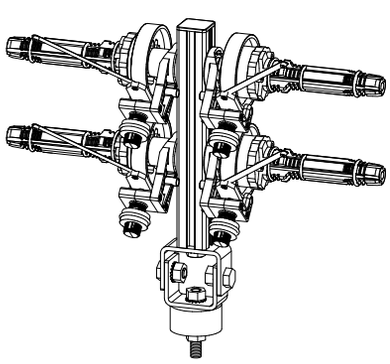
To guarantee a trouble free function of the Klöcker DiskRunner® indispensible components are

- Klöcker cross leno cone creels with variable fastening devices for two or four bobbins alternatively

  and

- Klöcker threading aids.

They make up the Klöcker functional unit.



Klöcker Cross Leno Cone Creel

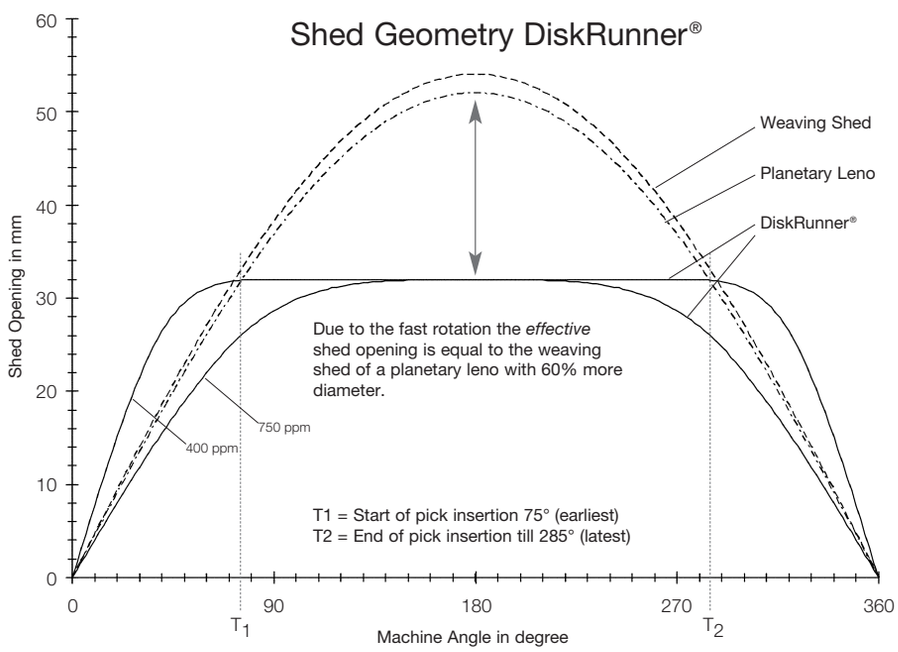
Gebr. Klöcker GmbH
Hauptstraße 64
D-46325 Borken
Germany

Phone: ++49 (0) 28 62 / 90 82-0
Fax: ++49 (0) 28 62 / 34 33
E-Mail: contact@kloecker-gmbh.com
Web: www.kloecker-gmbh.com

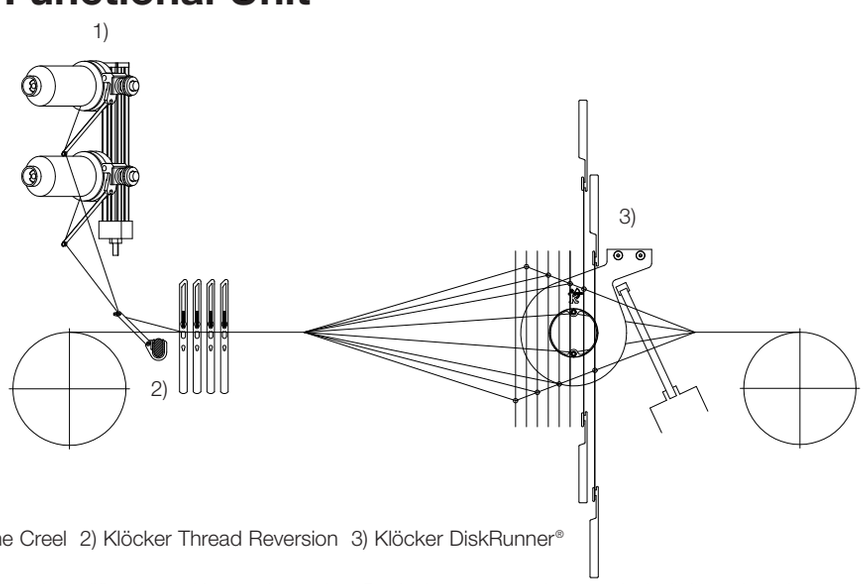
Modification 03/16
Item No. 191 197

The DiskRunner® is a dynamic system for selvedge binding on a disc leno basis. Through an electrically driven, rotating outer ring the weaving shed is opened by two threads being twisted after the pick insertion. The rotation direction is reversed after a number of picks which can be predetermined according to individual option and weaving needs in order to undo the twistings in the rear shed of the weaving machine. The DiskRunner® moves synchronously with the weaving cycle, but not continuously with the frames. It turns in about 80 milliseconds from a vertical stand-still position by 180 degrees and remains in this new position as long as allowed by the weaving cycle before it is turning again.

Qualitative Comparison of Systems



The Klöcker Functional Unit



1) Klöcker Cross Leno Cone Creel 2) Klöcker Thread Reversion 3) Klöcker DiskRunner®

We reserve the right to technical modifications without prior notice. Particulars on speed are exclusively based on the use of the Klöcker functional unit. Drawings indicate only characteristic features.
Detailed information and individual consultation via our hotline – Please contact us!

Gebr. Klöcker GmbH
Hauptstraße 64
D-46325 Borken
Germany

Phone: ++49 (0) 28 62 / 90 82-0
Fax: ++49 (0) 28 62 / 34 33
E-Mail: contact@kloecker-gmbh.com
Web: www.kloecker-gmbh.com

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