



WarpMaster

MAXIMUM FLEXIBILITY COMBINED WITH
MINIMUM SET-UP REQUIREMENTS



The WarpMaster is the latest generation of the internationally tried and proven automatic drawing-in system from Groz-Beckert.

Because it draws the yarn from a single cone through the drop wire, heald and reed, the WarpMaster delivers optimized operating efficiency and simplicity.

The concept means that no warp beam is required for the drawing-in process, making drawing-in completely independent from warp beam production.

GROZ-BECKERT WarpMaster



Machine control and programming

The WarpMaster is operated using a state-of-the-art touch screen computer. The control computer is mounted on a pivoting arm, ensuring maximum convenience and comfort for the operator. When the machine comes to a stop, the monitor indicates the reason for the fault and plays a short video showing the operator how to proceed. This video support means that even inexperienced employees will quickly become comfortable with operation of the WarpMaster.

The programming and management of new draw-in programs are also facilitated by menu prompting at the touch screen computer. Saved programs can be transferred to a USB memory stick for archiving.

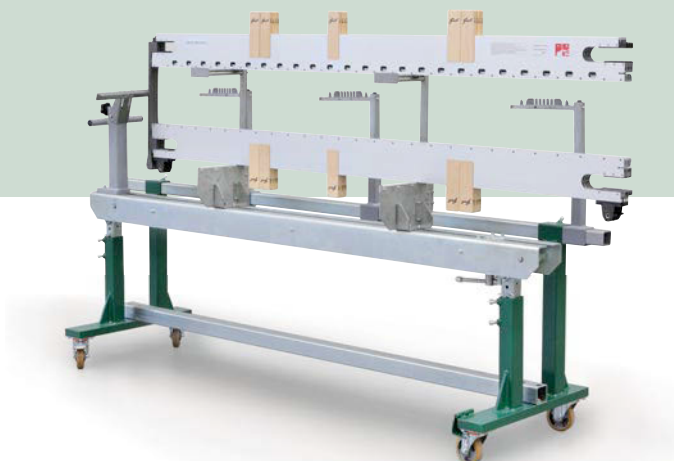
SIMPLE OPERATION WITH
TOUCH SCREEN MONITOR

Complete drawing-in system

As the ideal complement to the WarpMaster, Groz-Beckert offers a complete machine system for all your drawing-in needs. Using these auxiliary devices, any weaving mill can adjust drawing-in processes ideally to their specific operating requirements.

Work truck

The work truck is used to accommodate individual heald frames. The heald frames are lined-up with correct spacing on the truck with lateral supports removed on one side and then positioned into the WarpMaster. After completion of the drawing-in process, the pattern is transferred complete with reed, healds and drop wires to the work truck for simple removal from the machine, which is then immediately ready for positioning of the next work truck. To ensure optimum utilization of the Groz-Beckert WarpMaster, we recommend the purchase of at least two work trucks.



KnotPointPlus

The KnotPointPlus provides for the optimized knotting of the pattern from the WarpMaster and the warp beam outside the weaving machine. The KnotPointPlus system maximizes the pattern drawing-in capabilities of the WarpMaster and minimizes weaving machine down-times for pattern changes.





Machine maintenance

To allow customers to perform any required maintenance and repair work, the WarpMaster was designed to offer easy access to all modules. For example, the entire electronic controls are positioned on a pull-out trolley for maximum ease of access when required.

Servicing

For the WarpMaster, Groz-Beckert provides: replacement components; training courses; maintenance and repair services. This makes Groz-Beckert a partner you can depend on - worldwide.

WARPMaster WITH ELECTRONICS
MODULE CABINET EXTENDED

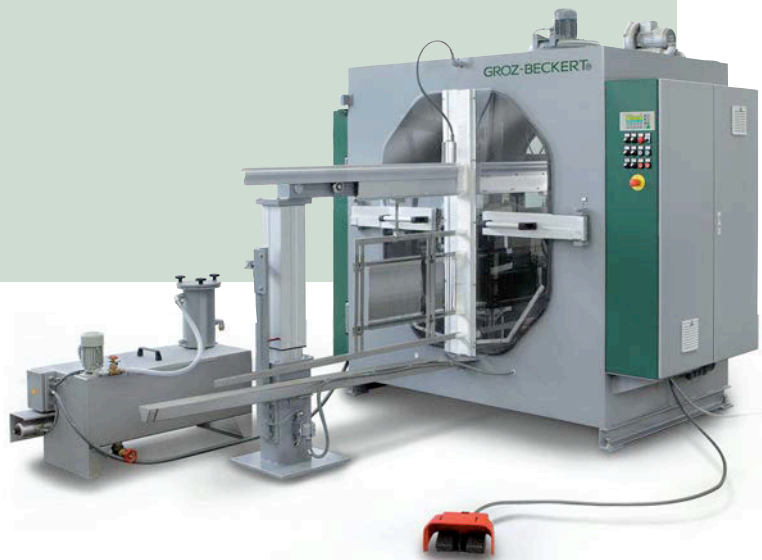
Our specialists will be pleased to help you make the right choice.

SortMaster

The SortMaster is a computer-controlled machine for pre-sorting DUOMIX® healds. This machine is used whenever DUOMIX® healds need to be drawn in on the WarpMaster. The machine has a minimal footprint and should be positioned close to the WarpMaster in order to guarantee an optimum production sequence.

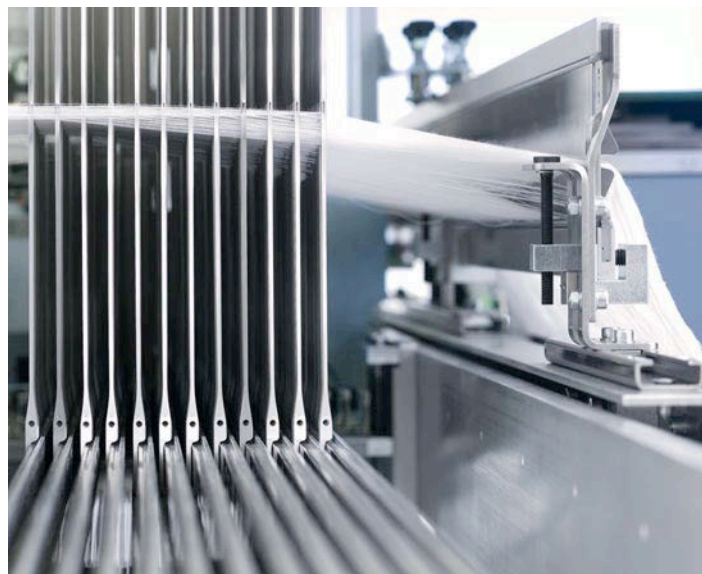
Cleaning technology

Groz-Beckert offers a complete range of cleaning machines for weaving accessories. The universal cleaning system from Groz-Beckert for the fully automatic cleaning of heald frames, healds, drop wires and reeds provides the perfect complement to the WarpMaster, for instance, and is used prior to the draw-in process.



BENEFITS OF WarpMaster AT A GLANCE

- Short familiarization period for operating and maintenance staff
- Maximum production flexibility
- Minimal space requirement for the machine and drawn-in harnesses
- Extreme operating simplicity with the aid of sensors and supporting videos for fast troubleshooting and correction
- Short payback time due to favourable acquisition cost
- Critical warp yarns pose no problem during the draw-in process, as the yarn is drawn-in from a single supply cone
- Professional advice, training and servicing by Groz-Beckert
- Low energy consumption
- Globally-proven technology



Specifications:

	WarpMaster 2400	WarpMaster 4000
Number of frames:	max. 20 frames	
Frame width:	max. 240 cm	max. 400 cm
Number of drop wire rows:	6 or 8 rows	
Drawing-in speed:	max. 82 ends/minute	
Maximum reed density:	max. 500 dents/10 m	
Machine length:	6.19 m	9.04 m
Machine width:	1.66 m	
Minimum space requirement:	25 m ²	36 m ²
Supply voltage:	110 – 240 VAC	
Power consumption:	<1.3 kVA	
Drop wires:	0.2 mm – 0.8 mm closed and open	
Healds:	Healds with "C" and "J"-shaped end loops	

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