



WarpMasterPlus

Maximum flexibility with minimal setup requirements

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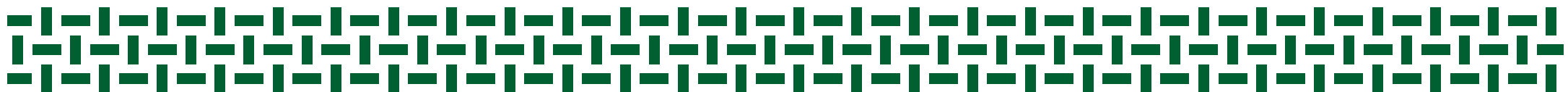
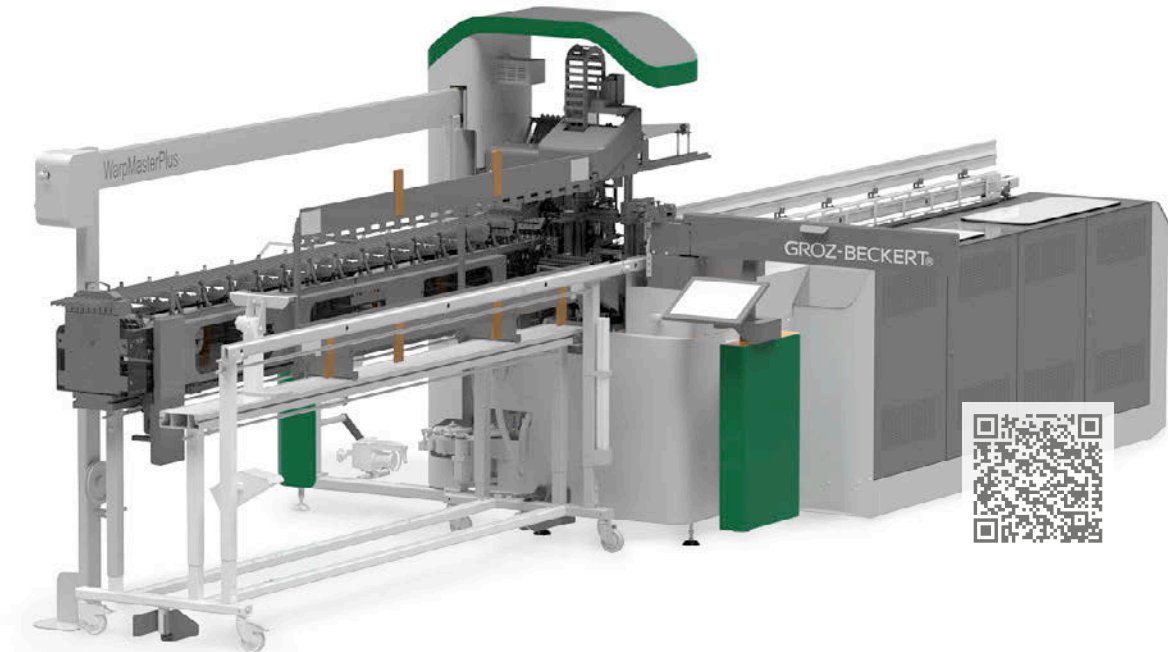
The WarpMasterPlus represents the latest generation of the worldwide established drawing-in concept from Groz-Beckert. Thanks to its modular design – consisting of needle, reed, healds, drop wires and yarn module – the WarpMasterPlus impresses with optimal flexibility, combined with maximum performance. The drawing in takes place from a single cone; the yarn is drawn in through the drop wire, heald and reed – independently from the warp beam.

Your benefits at a glance:

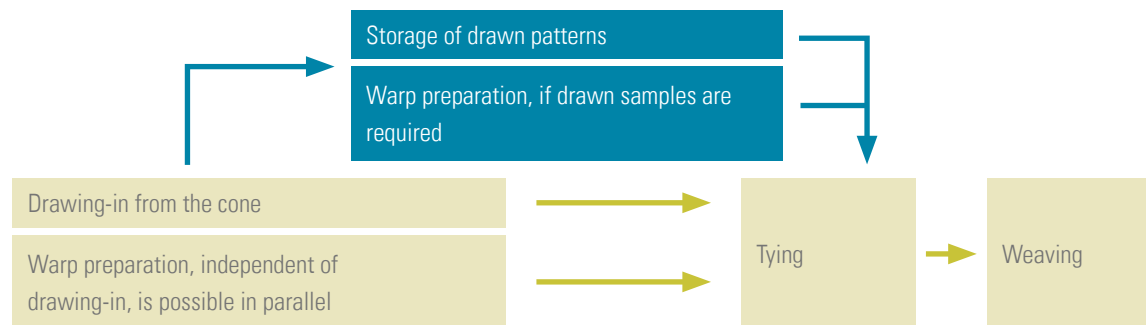
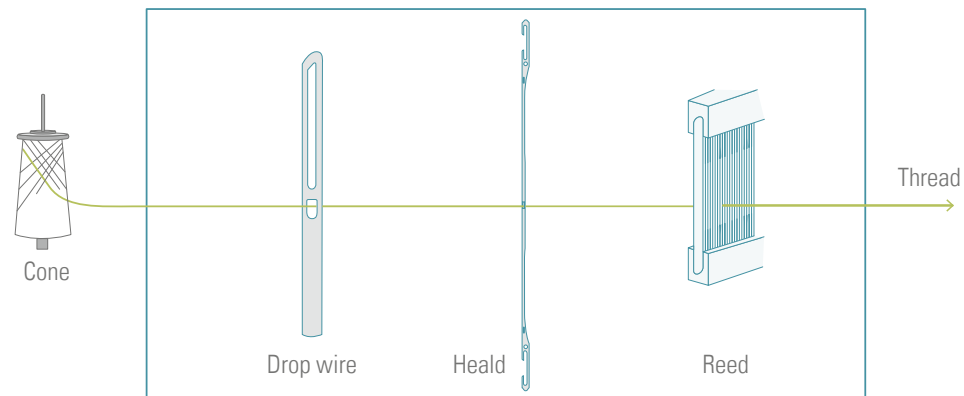
The WarpMasterPlus combines all properties offered by the established WarpMaster concept to date: this includes the low space requirements for the machine and drawn-in harness, the minimal training requirements for operating and maintenance personnel and the extremely easy operation thanks to sensors and video support. Like the WarpMaster, the WarpMasterPlus offers maximum flexibility with minimal setup requirements and problem-free drawing in of critical warp yarns, as the drawing in takes place via a cone.

The WarpMasterPlus also offers further advantages:

- Modular design
- Operation via a modern, swiveling computer with touchscreen (2 monitors possible)
- Easy maintenance and repair services



The drawing-in principle of the WarpMasterPlus



Benefits:

- Drawing-in during the warp preparation
- Maximum flexibility for short-term orders, thanks to drawing-in that takes place independently from the warp beam
- Easy transport and interim storage of drawing-ins without warp beam
- Optimized space conditions, as the work trolley at the side can be moved away
- Easy drop wire handing thanks to 8 individual drop wire magazines
- Automatic transport of the healds and drop wires, as well as sorting out of the faulty healds and drop wires
- Drawing in of DUOMIX healds without pre-sorting
- Automatic setting of the heald type (distance and thread eye)
- Individual machine length with drawing-in widths over 4 meters

Specifications

Type	2400	4000
Standard drawing-in width reed	240 cm	400 cm
Comment	Customer-specific widths available	
External dimensions	Length: 6.8 m Depth: 3.2 m Height: 2.2 m	Length: 10.0 m Depth: 3.2 m Height: 2.2 m
Space requirement and work truck	7.8 m x 4.2 m	11.0 m x 4.2 m
Minimum space requirement	approx. 33 m ²	approx. 46 m ²
Weight	approx. 2100 kg	approx. 2200 kg
Drawing-in speed	max. 150 ends/minute	max. 150 ends/minute
Comment	100 ends/minute with reed density 400+/10cm	
Reed density	max. 500 dents/10 cm	max. 500 dents/10 cm
Reed height	90 mm – 130 mm	90 mm – 130 mm
Comment	Customer-specific reed heights available on request	
Frames		
Quantity	max. 20	max. 20
Comment	with connecting slot, without connecting slot on request	
Healds		
End loop	C + J	C + J
Type	SOLOPUR and DUOMIX	SOLOPUR and DUOMIX
Material	Steel	Steel
Thread eye	from 5.5 mm x 1.2 mm 0 – 20 mm above centre (with 17" max. 10 mm above center)	from 5.5 mm x 1.2 mm 0 – 20 mm above centre (with 17" max. 10 mm above center)
Length	10" to 17"	10" to 17"
Thickness	from 0.2 mm	from 0.2 mm
Magazine	2	2
Drop wires		
Type*	open and closed	open and closed
Thickness	0.2 mm – 1.0 mm	0.2 mm – 1.0 mm
Width	8 mm – 11 mm	8 mm – 11 mm
Height	125 mm – 180 mm	125 mm – 180 mm
Magazine	8	8
Compressed air	not necessary	not necessary
Power supply	400 VAC 50 – 60 Hz	400 VAC 50 – 60 Hz

* Simplex/Duplex