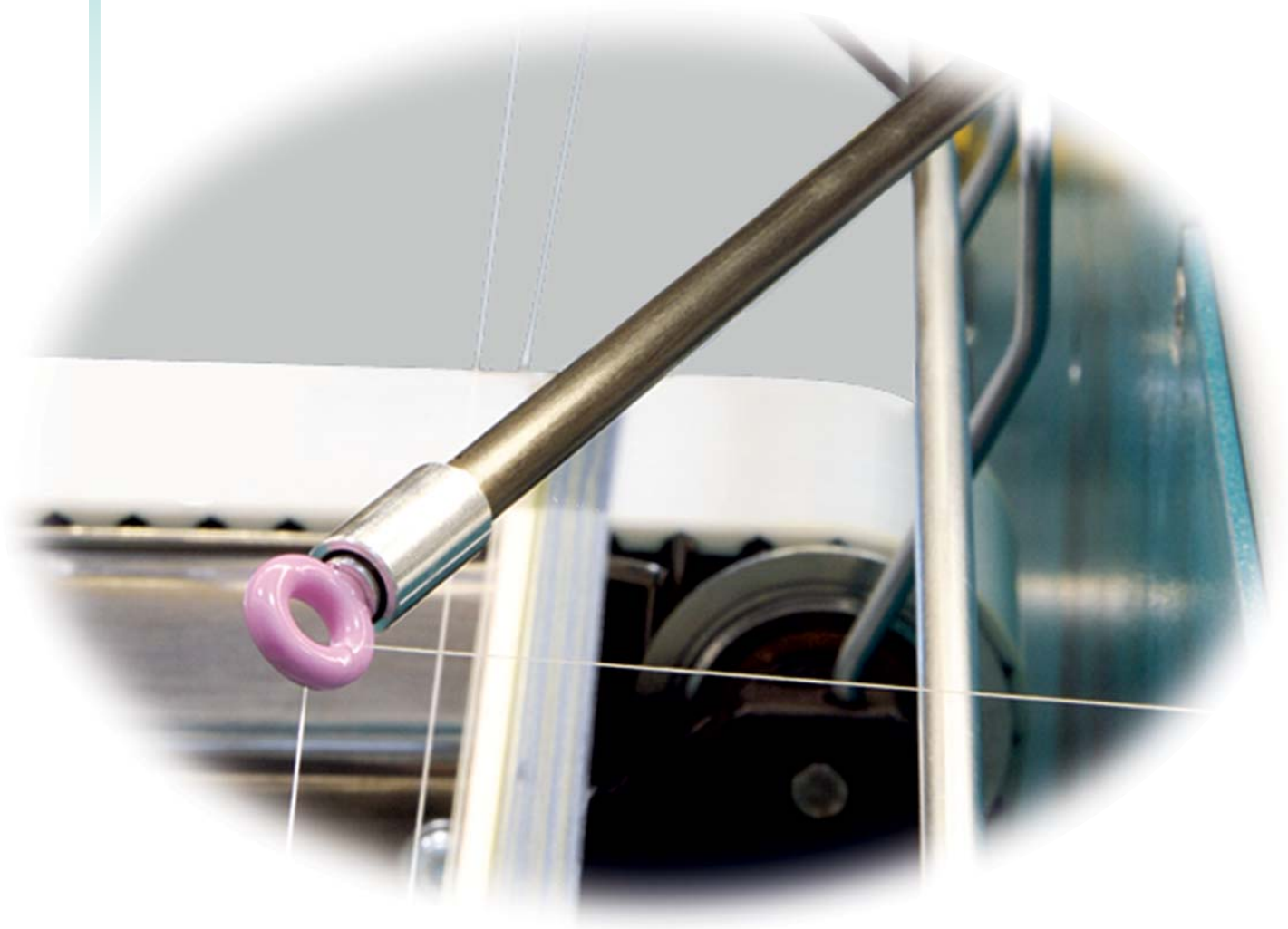




KARL MAYER

Warp NEWS LETTER Preparation



GOM16-S „SIMPLY SUPER“

Evolution

Following the successful introduction of the GOM 24 at ITMA 2007 in Munich, Karl Mayer looked back at their sample warping production pallet and decided that a small gap had to be bridged for customers who wanted to invest in a sample warping machine but needed something 'simpler' than the GOM 24.

The result: the GOM16-S, on the basis of the GOM 16 machine (introduced at ITMA Birmingham 2003), with the refinements that have taken place over the years and yet simplified to make it a cost-effective proposition.

Specification

The GOM16-S takes the basis of the GOM16 but has modifications that make it not only more cost effective but also incorporate the experience that hundreds of machines on the market give Karl Mayer. As the name suggests the GOM16-S has 16 active ends that can be selected. The program (with completely new algorithms), once the pattern has been input, calculates all possible combinations for the warp to be produced and then provides the optimal solution in terms of warp time for the machine. The operator then simply has to load the packages/colours as instructed. The possibility is naturally available that the customer determines his own colour layout and the computer will calculate accordingly. The yarn guides, as on all the GOM models, are actively controlled with the computer determining which ends are wrapped on the drum and which ends are in the 'passive' position being wound on the core running through the centre of the machine.

Should sixteen packages not be available for the operation, the computer calculates to whatever the customer wishes to run.

Warping length on the machine is from 14 to 490 meters (dependent on layer height



Working width	2250 mm
Max. warping length	490 m*
No. of positions rotating creel	16
Speed fo rotating creel	1000 m/min
Beaming speed	20 m/min
Leasing	Beginning and end
Pre-draw-off drum	None

* dependent on yarn count

WARP PREPARATION



and yarn diameter), so giving more length and quicker warping times than the existing GOM8 machine. The drum for the machine remains the tried and tested 7m circumference. This allows for warps with as little as two wraps (14 metres) up to 70 wraps (490 metres).

The machine has the possibility for the customer to insert a lease at the beginning and the end of the warp as well as the obligatory 'cutting' rods to give the warp a start and a finish. The lease is configured with a combination of pneumatic control on the leasing fingers and motors in the yarn guides.

The beaming side has been simplified to exclude the pre-beaming unit. The operator therefore beams directly from the drum onto the beam, still having the possibility to apply wax via an application roller integrated in the beaming unit.

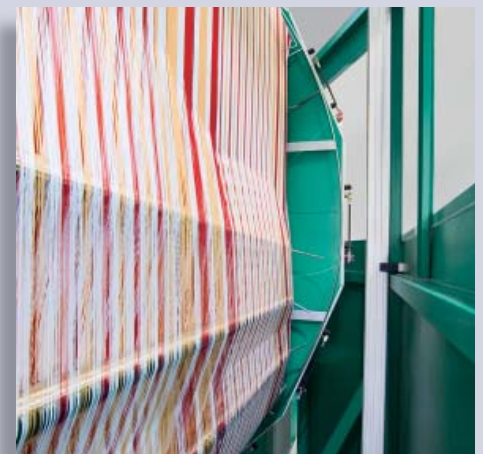
Application

Sample warping machines from Karl Mayer have been sold to date in a variety of applications as diverse as towelling to ties! The GOM16-S is intended to open the field of application to an even greater audience by providing a machine with all the automation to produce efficient and effective warps but with a price tag that can be made to suit most textiles manufacturers.

It is no longer a case of the sample warper being a luxury item in the warp preparation department but now it being an affordable solution to the customers ever increasing warp sampling needs.

Contact your local Karl Mayer representative or contact Karl Mayer directly to see how the GOM16-S can satisfy your needs in warp preparation sampling.

Its not without good reason that the GOM16-S is 'simply super' for its customers.



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