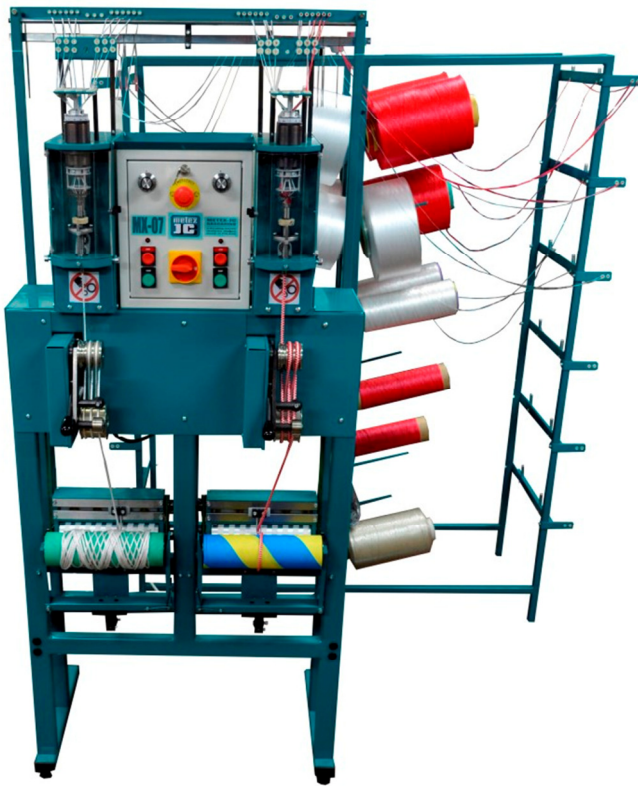




## MXG – 02 Knit braider machine (needle plaiting machine for glass roving)



### Machine application:

The knit braider machine (needle plaiting machine) MXG-02 is designed to produce gaskets to stove by knitting.

The machine can make a product tailored to the varied customer needs. The knitting (needle) method of ropes manufacture enables reaching an output capacity several times higher as against the classic method applied with the spindle plaiting machines. Using this method ensures higher flexibility and adaptation of products.

### Machine description:

The machine is designed as double-headed with the fully independent drives and head control systems.

A take-up device with infinitely variable adjustment of the haberdashery take-up speed is subordinated to each of the heads. The take-up speed can be changed by turning the potentiometer adjusting knob also with the machine in operation.

On the front panel, keys for starting and stopping independently each of the heads, potentiometer adjusting knobs for adjusting the take-up speed as well as buttons of master switch with the thermal protection of drive motors are situated.

On the upper part of the machine, yarn lamella-sensors are provided, which trace each of the yarns and cut off immediately the drive of respective head in case one of the yarns breaks or one of the feeding beams is totally wound off.

### Standard equipment:

- two of the offered splicing devices following your choice
- lamella sensor set
- take-up devices with the product-density infinitely variable adjustment
- transparent shields for the needle operation area

### Additional equipment:

- splicing devices with a needle number and a cylinder bore-hole from within the table range
- light signalling for a standstill of each of the heads
- creel (beam put-on frame) for any number of feeding beams
- meter counter for each of the heads



## Technical data of knit braider machine MXG-02:

Description:	Unit:	Quantity:
Number of heads	pcs	2
Splicing devices: - number of needles in cylinder - hole of needles cylinder - needles type (Groz-Becker)	pcs mm	4; 6; 8; 10; 12 10; 12; 14 Ha 74.181 Heha 64.108
Speed	rpm	600
Approximate productivity from 2 heads	m/min	~4
Overall dimensions (length x width x height)	mm	750 x 500 x 1650
Overall dimensions of the creel (24 bobbins) (length x width x height)	mm	1200 x 660 x 1730
Weight of the machine	kg	120
Weight of the frame creel	kg	45
Power installed	kW	2 x 0,25
Power supply	V	3Ph 400/230 N/PE
Control voltage	VDC	24
Supply voltage frequency	Hz	50 – 60
Noise level in the place of work	dB	60