



MXG – 11 Knit braider machine (needle plaiting machine for strings up to 20mm)



Machine application:

The machine is designed to produce strings, technical lines used in construction, expanders etc.

Due to quick selection of:

- the yarn type, linear density and colour
- linear density and flexibility of the core
- the number of needles in the cylinder
- the hole diameter in needle cylinder
- the type of weave

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.

Machine description:

The machine is designed as one-headed with the fully independent drive and head control system.

On the front panel, keys for starting and stopping independently head, 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. If the machine was provided can was in winding on large disc coils device additionally, the meter of metres as well as the signalling of sudden effort. Can thanks this additional equipment you have trading roll.

Standard equipment:

- tone 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
- wind-up device for disks bobbins
- light signalling for a standstill of the head
- 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-11:

Description:	Unit:	Quantity:
Number of heads	pcs	1
Splicing device:		
- number of needles in cylinder	pcs	8; 10; 12; 16
- hole of needles cylinder	mm	16; 18; 20
- needles type (Groz-Becker)		Ha 74.181
Approximate productivity	m/h	150
Overall dimensions (length x width x height)	mm	750 x 590 x 1950
Overall dimensions of the creel (36 bobbins) (length x width x height)	mm	1390 x 900 x 1900
Weight of the machine	kg	70
Weight of the frame creel	kg	45
Power installed	kW	0,4
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