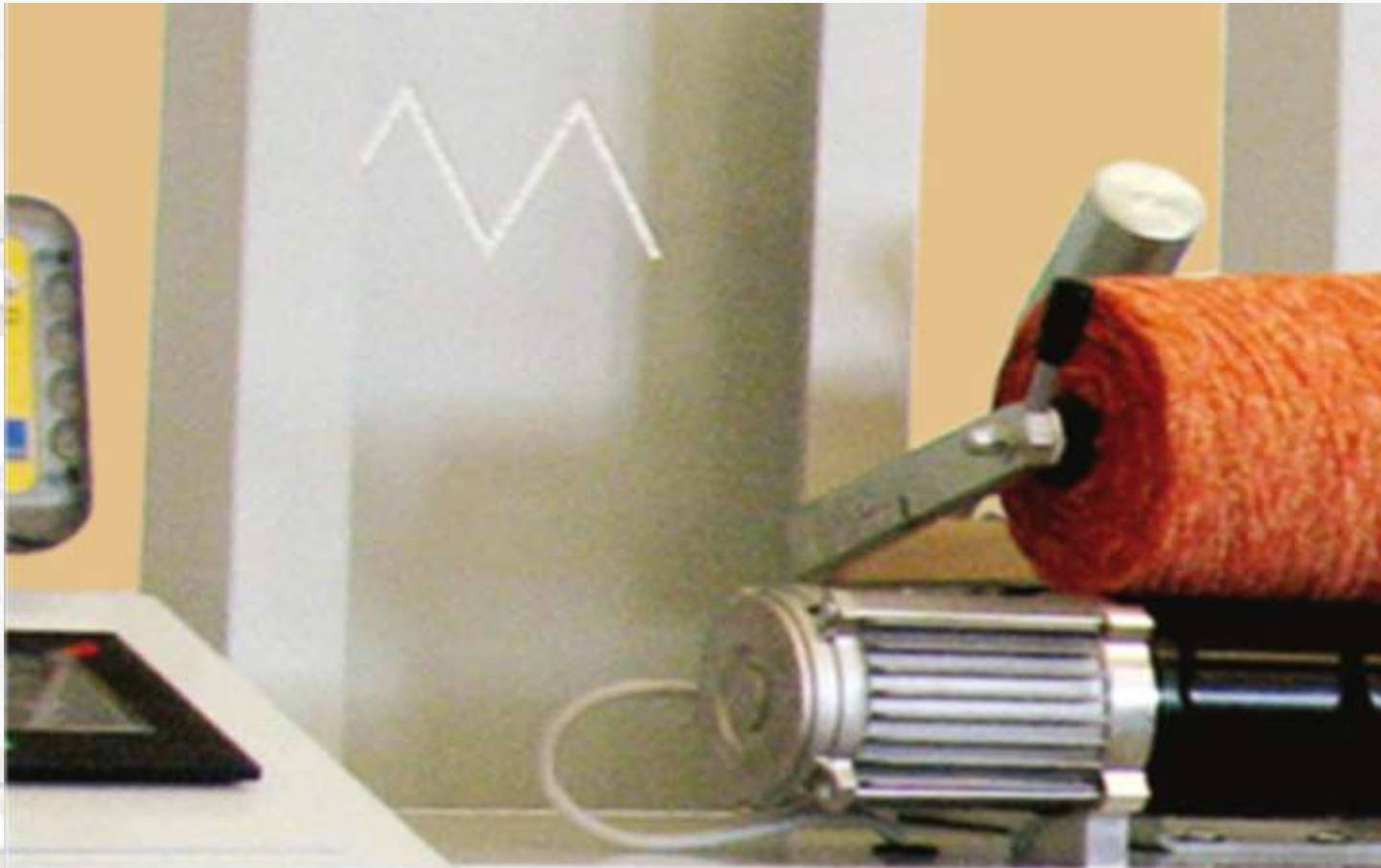




MARTEX<sup>s.r.l.</sup>  
Textile Machines and Spare Parts



# LM9



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## **ELECTRONIC WINDER LM9**

### **grooved drum system**

The LM9 winder has been developed for the winding of chenille yarns, fancy yarns and medium thick yarns in general (from NM 0,6 to NM 30,0) for the production of packages both for dyeing and weaving as well as for rewinding operations.

**Individual control of winding speed by frequency inverter.**

**Electronic length measuring system per position**

**Magnetic full package stop per spindle**

**Yarn count range from 1.600 to 33 Tex**



The friendly user interface of LM9, through a 7" touch screen monitor, permits:

- **the input of winding parameters per machine or per winding head**
- **display of working parameters in real time head by head**
- **storage of the winding cycles**

to manage up to 14 sections for 42 positions at the total



<i>CONFIGURATION</i>	Single side. Min. 3 heads max 42 heads
<i>GROOVED DRUM</i>	10" (250 mm) – diam. 100 mm
<i>WINDING</i>	Cylindrical or conical trunk
<i>ANTI RIBBONING DEVICE</i>	Electronic automatically driven by the system
<i>CONE SIZE Ø</i>	Max 290 mm.
<i>YARN THREAD</i>	2 units per position
<i>YARN SENSOR</i>	1 optical sensor per position
<i>WINDING SPEED (m/min)</i>	Min. 300 Max 1.000
<i>ACCESSORIES</i>	Yarn clearer



Developed with the support of long time users and engineered with the most advanced technologies, the LM9 winder meets all the requests for the production from cops cone as well as in the rewind from cone to cone.

The easy adjustment of the speed, of the counterweight and the sliding of the yarn permit to obtain an excellent and uniform density that guarantees optimal results in all the working processes.

Simply electronic solutions permit to produce package with the dimensions and density required. An easy yarn way, developed for who need to produce every day, together a grooved roll which reduces friction of the yarn, permits to keep unchanged the quality of the yarn.

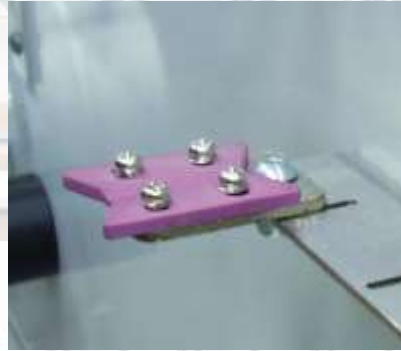
The LM9 winder has, also in the basic version, one inverter per head that drive both feeder and grooved drum motors. Speed and all the other working parameters can be settled head by head for the winding of different kind of yarns at the same moment.

The frame of the LM9 winder has been developed to help the dust ren and the excellent materials used make of the LM9 one winder extre reliable that doesn't require maintenance and only a periodical cleaning.



## ACCESSORIES

### CERAMIC DEVICE for knot detect



### YARN LUBRICATION DEVICE

Suitable for all the types of yarns without any limitation regarding yarn count composition or colours.

### YARN TENSION CONTROL

The tension control device makes possible to implement yarn collection or processing systems capable reacting to any tension variation the yarn may undergone, thus allowing to achieve new standards in the textile fiber processing. This device permits an accurate measurement and analysis of the yarn tension.

