



## NN – 14 Thread winder



### Machine application:

The machine is designed to wind threads from big industrial bobbins onto smaller ones available in wholesale and retail trade.

### Machine description:

The described machine is designed as a 6-spindle unit. Feeding bobbins are located on the machine shelf in the convenient operation zone. The thread is led from feeding bobbins over the gravity disk tighteners, which provide optimal thread tension and through electrical sensors responding immediately to the thread breakage or lack of any threads.

The thread is wound on plastic or paper bobbins through the thread guides system. The thread guide mechanism ensures obtaining the precise winding net indispensable for such winding beam type.

By changing the toothed wheels, the best winding net structure for a wide range of thread count (gauge) can be obtained.

The existing wound thread length is shown on the digital display situated on the control desk. After the programmed wound thread length is obtained the length meter is automatically reset and a successive winding cycle can be started.



## Technical data of thread winder NN-14:

Description:	Unit:	Quantity:
Number of spindles	pcs	2
Thread thickness	tex	20 – 100
Feed bobbin (conical or cylindrical): - diameter of feed package on machine plate - diameter of feed package on frame creel (special workmanship)	mm mm	up to 170 up to 240
Receive bobbin (precise cylindrical): - max. diameter - max. length	mm mm	50 100
Inside diameter of receive package bobbin	mm	8 – 12
Spindle rotary speed	rpm	1400
Initial speed for diameter. 10,4mm	m/min	50
Final speed for diameter. 50mm	m/min	243
Average winding speed	m/min	100
Number of spindle revolution per one thread guide slide	rev.	3; 4
Overall dimensions (length x width x height)	mm	1060 x 930 x 1300
Weight of the machine	kg	90
Power installed	kW	0,4
Power supply	V	1Ph 230 N/PE
Nominal current	A	3
Control voltage	VDC	24
Supply voltage frequency	Hz	50 – 60
Noise level in the place of work	dB	60