



ANR - 14 Automatic bandage winder



Machine application:

The machine is designed for rewinding sleeve bandage from big bobbins into smaller bandage rolls used in trade practices.

Machine description:

Automatic bandage winder has 2 outlets. On each point it is possible to rewind a bandage of the same thickness into smaller rolls of the same length. Each spindle allows to wind on one roll with maximum width of 300 mm. There is a possibility of selective disconnecting of individual outlets.

The machine is equipped with:

- microprocessor control system
- drive motor electronic control equipped with frequency changer (inverter)
- pneumatic operating systems

It ensures full automatic process and well programmed particular automatic operations. The machine operation consists in transferring bandage to winding spindles and delivering ready for packing small bandage rolls.

Following operations are covered by automatic control:

- fixing sleeve end at the beginning of the winding operation
- stopping the winding operation when a programmed sleeve length is reached
- cutting off sleeve
- taking off hank from spindle
- placing hank in storage container at the end of conveyor

Technical solutions applied in the machine provide in consequence for:

- big operational capacity
- tape of the same length on each outlet



Technical data of automatic bandage winder ANR-14:

Description:	Unit:	Quantity:
Number of outlets	pcs	2
Feed bobbin:		
- diameter of bobbin hole	mm	72
- diameter of bobbin	mm	450
Winding speed (stepless regulation)	m/min	20 – 78
Width of the sleeve bandage	mm	200 – 300
Length of the sleeve in a roll	m	2 – 10
Max. diameter of the sleeve in a roll	mm	90
Exemplary productivity for the rolls 4m long from 2 outlets	pcs/h	~900
Overall dimensions (length x width x height)	mm	2800 x 1240 x 2050
Weight of the machine	kg	450
Power installed	kW	2
Power supply	V	3Ph 400/230 N/PE
Nominal current	A	8
Control voltage	VDC	24
Supply voltage frequency	Hz	50 – 60
Pressure of the pneumatic system	MPa	0,6
Approximate air consumption	NI/min	80
Noise level in the place of work	dB	70