



ANR – 11 Automatic sleeve winder



Machine application:

Automatic sleeve winder ANR-11 is designed for winding non-flexible sleeve-bandage with a programmed length round hanks supplied for distribution.

Machine description:

The machine has 4 winding heads. Sleeve with different width and the same thickness may be operated on each of the heads. On each spindle may be winding parallel two sleeves. Each single head may be disengaged.

The machine is equipped with:

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

Thus a fully automatic process is assured as well as single automatic operations are programmed in the most adequate way. The machine operation consists in introducing sleeve on winding spindles and taking out containers with ready-wound sleeve hanks.

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 sleeve winder ANR-11:

Description:	Unit:	Quantity:
Number of outlets	pcs	4
Feed bobbin: - max. diameter	mm	450
Feed package (quadratic hole): - square side	mm	62
Winding speed (stepless regulation)	m/min	20 – 85
Width of the sleeve bandage	mm	50 – 200
Length of the sleeve in a roll	m	2 – 10
Max. diameter of the sleeve in a roll	mm	100
Exemplary productivity for the rolls 10m long from 4 outlets	pcs/h	~1000
Overall dimensions (length x width x height)	mm	3450 x 1035 x 1700
Weight of the machine	kg	450
Power installed	kW	0,85
Power supply	V	3Ph 400 N/PE
Nominal current	A	5
Control voltage	VDC	24
Supply voltage frequency	Hz	50 – 60
Pressure of the pneumatic system	MPa	0,6
Approximate air consumption	Nl/min	80
Noise level in the place of work	dB	75