



## AND – 21 Automatic wire winder (without spool)



### Machine application:

The machine is designed for winding wire up to a programmed weight on small bobbins without inner spools used in trade practices. Rolls of this type are mainly used in construction for reinforcement binding.

### Machine description:

The automatic wire winder is provided with one outlet and equipped with the following elements and systems:

- microprocessor control system
- electronic inverter (frequency changer) system to control the drive motor rotational speed
- pneumatic operational systems

Thus, the process is fully automatized and single operations are programmed best.

The following production cycle operations are fully automatized:

- feed the wire
- fixing a wire tip at the winding start
- stopping the winding process on reaching the programmed layer number
- cutting wire off
- throwing the ready-made wire coil



## Technical data of automatic wire winder AND-21:

Description:	Unit:	Quantity:
Number of heads	pcs	1
Winding raw material: - material - diameter	mm mm	soft steel wire Ø 1,2; 1,4; 1,6
Feed bobbin		in circles
Receive bobbin: - max. diameter - length	mm mm	70 50
Spindle rotary speed	1/min	650 – 1760
Theoretical productivity for wire Ø 1,4mm; mass 0,2kg	kg/h	~70
Overall dimensions (length x width x height): - without frame for wire - with frame for wire	mm mm	1080 x 800 x 1850 1080 x 2000 x 2200
Weight of the machine	kg	300
Power installed	kW	1,6
Power supply	V	3Ph 400/230 N/PE
Nominal current	A	6,5
Control voltage	VDC	24
Supply voltage frequency	Hz	50 – 60
Pressure of the pneumatic system	MPa	0,6
Approximate air consumption	NI/min	50
Noise level in the place of work	dB	80