



## NTK – 30 Machine for winding ribbons on “cocoons”



### Machine application:

The machine is designed for the bulk-breaking of varicoloured polypropylene ribbons used for packing gifts, decorating bunches and for other decorative purposes.

A 20 mm wide ribbon roll forms a feeding beam and four narrow 5mm wide ribbons spooled on trade-available bobbin-free beams, so called „cocoons”, form the final product.

Those beams are featured with barrel shape and precise winding net structure, which assures them nice look and high durability.

### Machine description:

For cutting a ribbon, high quality knives of which the edges are to be broken once blunt are applied, thus necessity of their sharpening is eliminated.

The take-off roller with a constant rotational speed ensures a constant linear winding velocity.

The take-off roller is in coupling with the detector that transmit pulses to the microprocessor meter thought to measure a length of the ribbons under winding as well as to make the machine stop once the programmed wound ribbon length has been reached.

The winding system consists of 4 spindles connected through the toothed belt transmissions with the (thread) guides that ensure obtaining a precise winding net structure.

Owing to their properly shaped and possible to be hidden arms, the spindles make it possible to take off barrel shaped beams. The central brake ensures the spindles to be immobilized for the servicing time.



## Technical data of machine for winding ribbons on "cocoons" NTK-30:

| Description:                                 | Unit: | Quantity:        |
|--|-------|------------------|
| Feed bobbin:                                 |       | disk             |
| - ribbon width                               | mm    | 20               |
| - diameter of bobbin                         | mm    | 400              |
| - hole diameter                              | mm    | 38; 75           |
| Receive bobbin – "small cocoons":            |       | non spool cocoon |
| - length                                     | mm    | 32               |
| - inside diameter                            | mm    | 19               |
| Receive bobbin – "big cocoons":              |       | non spool cocoon |
| - length                                     | mm    | 60               |
| - inside diameter                            | mm    | 42               |
| Winding speed                                | m/min | 40               |
| Overall dimensions (length x width x height) | mm    | 805 x 510 x 1375 |
| Weight of the machine                        | kg    | 45               |
| Power installed                              | kW    | 0,25             |