



## PWP – 51 Precision package winder



### Machine application:

The machine is designed to rewind various types of yarn on cylindrical or cone bobbins with precise winding structure.

In particular it is designed for ripping fabrics knitted on KDK system.

### Machine description:

The machine is made as one sided one with six winding heads.

The thread is guided from feeding bobbins through the overfeeding device, oiling device, electric detectors to the tension units which provide proper tension of the yarn.

The machine stops the winding process in each winding head in case of:

- reaching the previously programmed diameter by the receiving package
- tearing the yarn off or if no yarn is available
- pressing STOP button of the winding head

When using the machine in KDK system it is adapted to rip knit and there is a possibility of using additional electronic detectors which react on joining the yarn (triple thread) which occurs when ripping the knit.

Stopping any of the winding heads causes turning on the signalling lamp which indicates the need of intervention.

The machine has the abilities of changing the following technical parameters:

- winding speed
- package diameter
- speed of the overfeeding device
- volume of preparation plotting



## Technical data of precision package winder PWP-51:

| Description:                                 | Unit: | Quantity:                                 |
|--|-------|---|
| Number of heads                              | pcs   | 6   |
| Raw material                                 |       | textured and flat filaments, elastic yarn |
| Yarn thickness                               | dtex  | 200 – 900                                 |
| Receive bobbin:                              |       | precision                                 |
| - max. diameter                              | mm    | 190                                       |
| - max. length                                | mm    | 270                                       |
| - mass per one bobbin                        | kg    | up to 3                                   |
| Receive package babbin                       | mm    | cylindrical                               |
| Winding speed (stepless regulation)          | m/min | 400 – 800                                 |
| Overfeeding device                           |       | available                                 |
| Oiling device                                |       | available                                 |
| Overall dimensions (length x width x height) | mm    | 2810 x 700 x 1450                         |
| Weight of the machine                        | kg    | 520                                       |
| Power installed                              | kW    | 2   |
| Power supply                                 | V     | 3Ph 400/230 N/PE                          |
| Control voltage                              | VDC   | 24  |
| Supply voltage frequency                     | Hz    | 50 – 60                                   |