



## PWP – 42 Precision thread guide 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 signaling 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 thread guide winder PWP-42:

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		conical 3°30'
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