



## PWK – 02 Thread guide rewinder for KINGs



### Machine application:

The precise thread-guide winder PWK-02 is designed to rewind strings onto cylindrical beams with precise winding net structure, so called KINGs. The machine can be delivered in various designs depending from winding point number, take-up bobbins and feeding beam type.

### Machine description:

The machine is designed as unilateral with 4 rewinding points. The machine is equipped with the central drive from which the single winding points are driven. The inverter controlled drive motor makes it possible to select a feeding speed for a given raw material. Each of the winding points is equipped with the following stretching and control elements:

- disk stretcher
- string shortage detector
- meter quantity counter
- compensator for compensating string tension and for starting softly a winding point

Feeding beams as applied traditional way are located on creel in the lower machine part, in its service convenient zone. The cylindrical take-up beams are featured with a precise winding net structure. Winding net structure may be selected for various string counts (gauge) by changing the toothed wheels.

In case of rupture or string shortage, the detector signal makes the drive to be disconnected and the winding process to be stopped. Similarly, the point is being stopped when the counter indicates the targeted yarn length.



## Technical data of thread-guide rewinder for KINGs PWK-02:

Description:	Unit:	Quantity:
Number of heads	pcs	4
Yarn thickness	mm	0,3 – 0,7
Feed bobbin outside diameter	mm	up to 250
Receive bobbin: - max. diameter	mm	100
- max. length	mm	125
Receive package bobbin type KING	mm	to negotiate
Average winding speed	m/min	300
Spindle rotary speed (stepless regulation)	rpm	550 – 1380
Average winding speed	m/min	112 – 282
Overall dimensions (length x width x height)	mm	1570 x 710 x 1550
Weight of the machine	kg	200
Power installed	kW	1
Power supply	V	3Ph 400/230 N/PE
Nominal current	A	5
Control voltage	VDC	24
Supply voltage frequency	Hz	50 – 60
Noise level in the place of work	dB	60