



PWP – 04 Precise thread-guide winder



Machine application:

The precise thread-guide winder PWP-04 is designed to rewind various-type strings onto cylindrical beams with precise winding net structure.

The machine can be delivered in various designs depending on feeding beam type and winding point quantity.

Machine description:

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 rupture detector signal makes the drive to be disconnected and the winding process to be stopped.

The winding process on one of the winding points will be also stopped by a signal from the counter, once the take-up beam has reached the required string meter quantity.

The machine drive with electric inverter-controlled motor enables starting the machine softly as well the infinitely variable feeding-speed adjustment.



Technical data of precise thread-guide winder PWP-04:

Description:	Unit:	Quantity:
Number of heads	pcs	1 – 6
Thickness of winding string	mm	0,5 – 2,5
Inside diameter of feed bobbin	mm	up to 250
Receive bobbin:		precision-cylindrical
- max. length	mm	120 / 190
- max. diameter	mm	140 / 140
Receive package bobbin:	mm	to negotiate
Winding speed (stepless regulation)	rpm	275 – 800
Average winding speed (stepless regulation)	m/min	68 – 196
Approximate productivity from 6 heads with parameters: - string thickness g=2,5mm / length in the bobbin=500m - length of bobbin D=240mm / outside diameter of bobbin dz=104mm *not include time for service	pcs/h	114
Overall dimensions (length x width x height):		
- version with 2 heads	mm	980 x 800 x 1460
- version with 3 heads	mm	1270 x 800 x 1460
- version with 4 heads	mm	1590 x 800 x 1480
- version with 5 heads	mm	1900 x 1020 x 1770
- version with 6 heads	mm	2230 x 800 x 1850
Weight of the machine:		
- version with 2 heads	kg	100
- version with 3 heads	kg	150
- version with 4 heads	kg	200
- version with 5 heads	kg	250
- version with 6 heads	kg	300
Power installed	kW	0,4 – 1,1
Power supply	V	3Ph 400 N/PE
Control voltage	VDC	24
Supply voltage frequency	Hz	50 – 60
Noise level in the place of work	dB	60