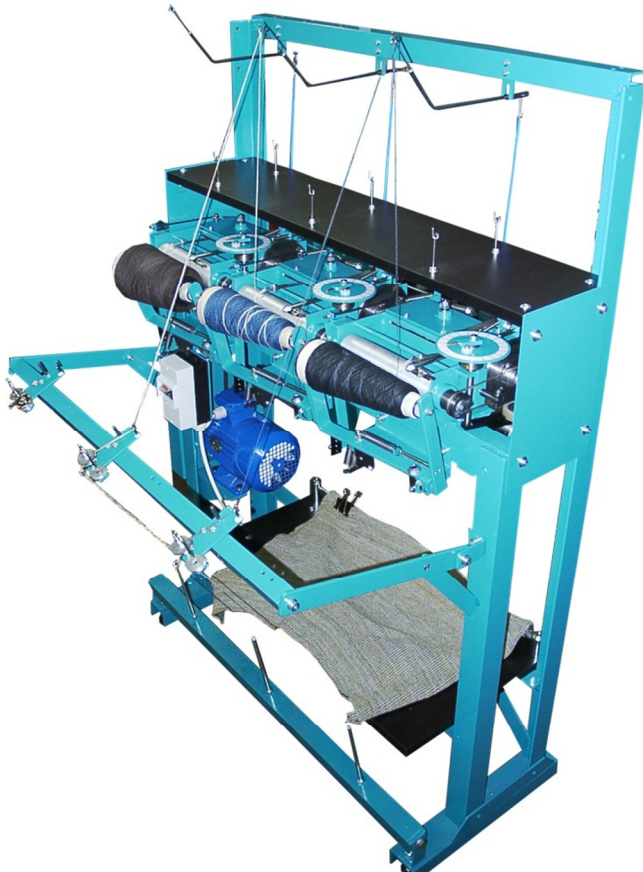




PW – 11 Yarn guide winder



Machine application:

Yarn guide winder PW – 11 is applied mainly in machine and manual knitting plants as well as in haberdashery production plants and weaving mills.

Its application scope covers:

- winding yarn from commercial traffic beams (e.g. used on spinning or twisting frames) on cross-cone beams designed for feeding various type knitters and creels
- unwinding yarn from hanks
- unwinding tangentially soft beams or those with damaged structure that cannot be unwound in a habitually applied manner
- unwinding tangentially spool-free beam end pieces
- ripping multisystem knitting fabrics like scocket or stocking
- ripping mono- and multisystem flat knitting fabrics e. g. fall pieces from slide knitting machines
- winding yarn on hanks for its further dyeing
- winding yarn on soft beams designed for further dyeing

Depending on process requirements and user's needs the yarn winder provides the following possibilities:

- parafinnyng yarn
- spreading fluid preparation
- removing excessive bosses or too big knotsh

Machine description:

Feeding beams as applied traditional way are located on creel in the lower machine part, in its service convenient zone. In case of unwinding tangentially or from hanks the beams are located on a special frame in the upper machine part.

Thread is led from feeding beams over the gravity disk tighteners as well as yarn compensators and guides onto take-up spools.

The machine drive design enables single winding points to operate separately as well as provides infinitely variable speed adjustment for each single winding point.

Depending on yarn type and raw material sort it is possible to adjust the beam front surface slope.

Beams are formed on typical plastic cones generally applied in the textile industry.



Technical data of yarn guide winder PW-11:

Description:	Unit:	Quantity:
Number of heads	pcs	1 – 6
Yarn thickness	tex	4 – 120
Feed bobbin (spinning, twisting, cross-conical, cylindrical): - diameter	mm	up to 250
Receive bobbin (cross-conical): - max. diameter	mm	240
- max. length	mm	190
Receive package bobbin	mm	to negotiate
Winding speed on I range (stepless regulation)	m/min.	160 – 380
Winding speed on II range (stepless regulation)	m/min.	210 – 500
Overall dimensions (length x width x height): - version with 2 heads	mm	730 x 700 x 1830
- version with 3 heads	mm	1030 x 700 x 1830
- version with 4 heads	mm	1330 x 700 x 1830
- version with 6 heads	mm	1930 x 700 x 1830
Weight of the machine: - version with 2 heads	kg	80
- version with 3 heads	kg	110
- version with 4 heads	kg	140
- version with 6 heads	kg	200
Power installed	kW	0,4 – 0,75
Power supply	V	3Ph 400/230 N/PE
Control voltage	VDC	24
Supply voltage frequency	Hz	50 – 60
Noise level in the place of work	dB	70