



CP – 33 Weft winder for plaiting machines



Machine application:

The weft winder for plaiting machines is designed to wind and double yarn from big cylindrical or tapered beams on the smaller ones. Those beams are formed on typical disk bobbins used for feeding multi-spindle plaiting machines in the narrow-goods industry. The machine is fabricated as a 6-point unit.

Machine description:

The guiding drive is based on a stepping motor. The infinitely variable guiding speed makes it possible to easily select an optimum guiding travel depending on a count (gauge) of yarn and a required filling grade (density) of a receiving beam. A proper beam structure is ensured by the guiding strip reverse accelerating system. The design of the spindles assembly and guiding mechanism makes it possible to easily change a disc bobbin type. The maximum bobbin length amounts to 200 mm.

The machine control device functions are as follows:

- programming the wound yarn layer number
- measuring the wound yarn layer number
- stopping the machine on achieving a programmed layer number
- stopping the machine, if any of the yarns being wound breaks

The existing wound layer number is displayed by the control device.

Additional equipment:

Feeding beams can be placed on an optional free-standing creel (beam put-on frame) capable to contain a required beam number.



Technical data of weft winder for plaiting machines CP-33:

Description:	Unit:	Quantity:
Number of winding spindles	pcs	6
Yarn thickness	dtex	500 – 3000
Receive bobbin: - bobbin - length - diameter	mm mm	cylindrical-parallel with disk up to 200 up to 60
Spindles rotary (stepless regulation)	rpm	2200 – 4400
Thread guide per revolution	mm/rot	0,44 – 2,64
Theoretical productivity from 6 spindles with parameters: - 2000 dtex - length of bobbin – 110mm - outside diameter of bobbin – 42mm	pcs/h	360
Overall dimensions (length x width x height)	mm	690 x 740 x 1280
Weight of the machine	kg	90
Power installed	kW	0,5
Power supply	V	1Ph 230 N/PE
Nominal current	A	3
Control voltage	VDC	24
Supply voltage frequency	Hz	50 – 60
Noise level in the place of work	dB	65