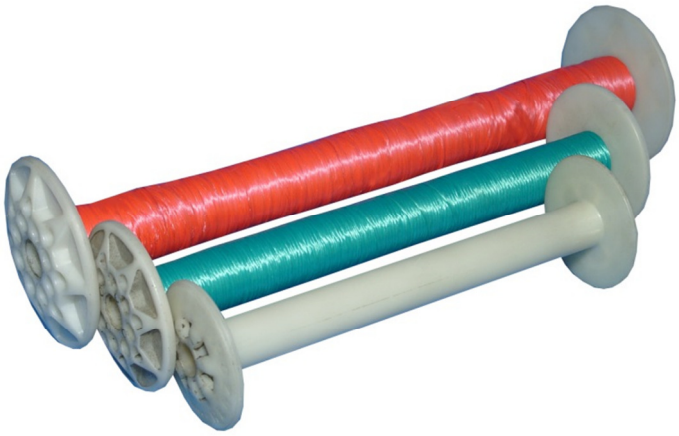
CP – 42 Weft winder for plaiting machines



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 disc bobbins used for feeding multi-spindle plaiting machines in the narrow-goods industry. The machine is fabricated as a 2-spindle unit.

Machine description:

The guiding drive is based on the UHING drive mechanism. 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. The winding speed infinitely variable adjustment is effected by means of a potentiometer on the control desk.

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.

The machine is possible to be delivered as a special design with independent programmable wound yarn length meters (instead of a layers meter).

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–42:

Description:	Unit:	Quantity:
Number of winding spindles	pcs	2
Yarn thickness	dtex	500 – 800
Receive bobbin*: – bobbin – length – inside diameter – outside diameter	 mm mm mm	cylindrical-parallel with disk up to 320 12 up to 120
Spindles rotary (stepless regulation)	rpm	300 – 1800
Average winding speed	m/min	62 – 373
Thread guide per revolution*	mm/rot	2 – 6
Overall dimensions (length x width x height)	mm	610 x 460 x 1330
Weight of the machine	kg	75
Power installed	kW	0,5
Power supply	V	1Ph 230 N/PE
Nominal current	A	4,2
Control voltage	VDC	24
Supply voltage frequency	Hz	50 – 60
Noise level in the place of work	dB	65
*other dimensions after agree		

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