CS – 02 Weft winder for twisting machine

Machine application:

The weft winder for twisting machine is designed to wind and double strings from big cylindrical or tapered beams on the smaller ones. Those beams are formed on typical disk bobbins used for feeding twisting machine. The machine allows winding of two raw materials per one spool.

Machine description:

The machine is made as two spindle. The weft winder is feeding by strings unrolled from the platform mounted on the rear of the machine. The individual strings are being led by the team of the sensors for entanglements and knots and plates tensioners, a counting roller and then distributed over the spools.

Infinitely variable speed control gives the operator the ability to smoothly change the speed of spindles and guiding speed (using the UHING lever). It enables easy and optimal selection of the length of the thread guide stroke depending on the thickness of the rope and the required degree of filling (density) of the receiving bobbin.

The design of the spindle unit and guiding mechanism allows easy change of the width of disk spools.

The machine control device functions are as follows:

- programming the wound string layer number
- measuring the wound string layer number
- stopping the machine on achieving a programmed meters number
- stopping the machine, if any of the strings being wound breaks

The machine is equipped with a programmable counter meter of the receiving beam. The counter displays the programmed and currently wrapped length of the raw material. When the numbers of meters has been reached, the machine automatically stops and the counter automatically resets. After replacing the full spool into the empty spool, the machine is ready for the next coil cycle.

The machine stops also in case of a raptur or string shortage.

Technical data of weft winder of twisting machine CS–02:

Description:	Unit:	Quantity:
Number of winding spindles	pcs	2
Type of raw material		strings
Receive bobbin: – bobbin – length – diameter	 mm mm	 cylindrical – parallel with disks 345 175
Spindles rotary (stepless regulation)	rpm	345 – 792
Length of the thread guide stroke per 1 revolution of spindle	mm/rot	up to 7,8
Overall dimensions (length x width x height)	mm	1300 x 1200 x 1650
Weight of the machine	kg	110
Power installed	kW	0,4
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

METEX-JC CASCARINO

METEX-JC Cascarino
Pawlikowice 58
95-200 PABIANICE
POLAND
www.metexjc.com.pl

Tel: +48 (042) 214 05 42
Tel: +48 (042) 226 71 82
Fax: +48 (042) 214 07 47
metexjc@metexjc.com.pl