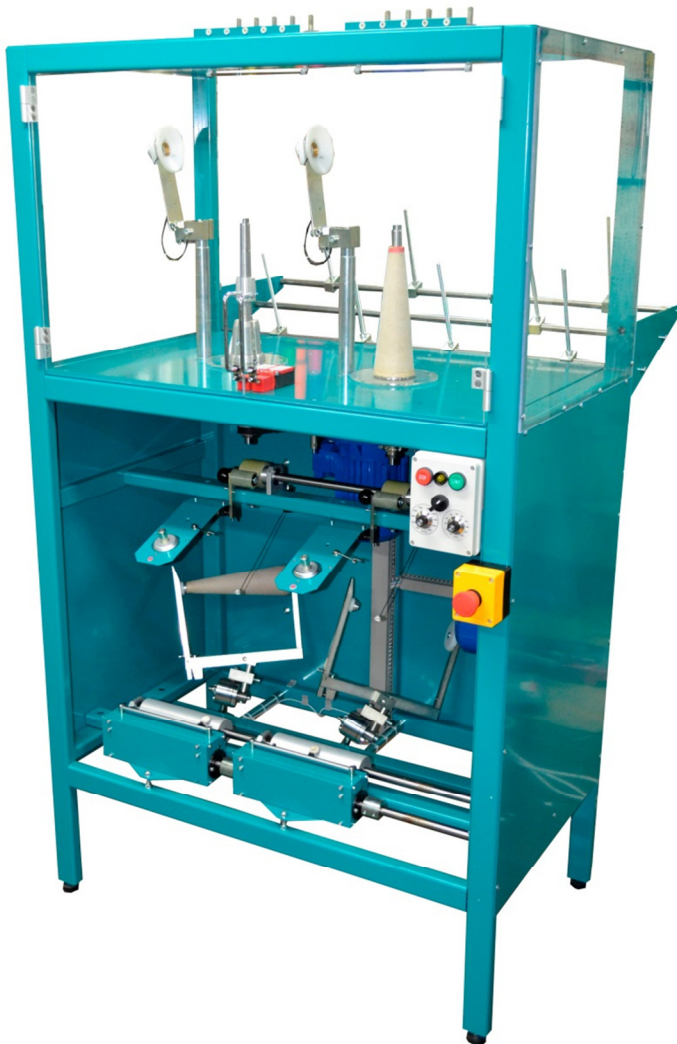




## OPS – 01 Yarn braiding and twisting machine



### Machine application:

The braiding and twisting machine is designed mainly to double yarns by braiding (twisting) core threads with yarn from a spindle, the said yarn forming the braid. On disengaging the spindle, it is possible to simply double (without twisting) or to rewind a yarn.

### Machine description:

Owing to the ability to disengage the twisting spindles, the machine may be operated as:

- braiding (twisting) machine
- doubler
- winder

While being wound on a conical bobbin, the twisted or doubled yarns may be paraffin waxed by means of a rotary paraffin waxing machine with an electric small-power motor drive.

The machine possesses two parallel paths connected with one another through the common drive and control.

The through-spindles and take-up assemblies are driven by the separate and individually inverter controlled motors, which enables a full range infinitely variable adjustment of the twists per meter.



## Technical data of yarn braiding and twisting machine OPS-01:

Description:	Unit:	Quantity:
Number of heads	pcs	2
Feed bobbin for core (cross-conical):		
- number	pcs	1 – 5
- max. diameter / max. length	mm	240 / 200
Feed bobbin for braid (on spindle):		
- number	pcs	1
- max. diameter / max. length	mm	160 / 180
Feed package bobbin for braid (conical paper):		
- angle	°	5°57' / 4°20'
- diameter on base	mm	72 / 60
- length	mm	225 / 173
Receive bobbin (cross conical):		
- max. diameter / length	mm	175 / 300
Receive package bobbin (conical paper):		
- angle	°	5°57'
- small hole diameter	mm	72
- big hole diameter	mm	18,5
- length	mm	225
Spindles rotary speed (stepless regulation)	rpm	1500 – 6000
Receive speed (stepless regulation)	m/min	40 – 240
Twist number	1/m	7 – 150
Overall dimensions (length x width x height)	mm	1015 x 970 x 1765
Weight of the machine	kg	180
Power installed	kW	1,2
Power supply	V	3Ph 400/230 N/PE
Nominal current	A	6
Control voltage	VDC	24
Supply voltage frequency	Hz	50 – 60
Noise level in the place of work	dB	60