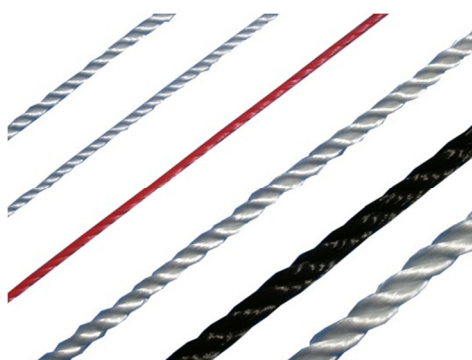




SS – 15 String twisting frame



Machine application:

The string twister SS-15 is designed to produce strings and lines. The product are widely used owing to large possibility of applying various raw material types, linear density and length of lay.

Machine description:

The machine is fed with yarn from big cross-cone structured or cylindrical beams.

The string twister operation covers at the same time twisting the single yarns and laying the final string.

In the first stage, the yarn is simultaneously wound up on three take-off disk bobbins seated on the twister.

In the second stage, the yarn is twisted and the string is laid finally at the same time. The laid string is then wound up on metallic disk bobbins. Owing to the machine drives equipped with inverters, clutches, powder brake and sensors, the machine operational parameters can be easily changed and the correct machine operation can be ensured.

The technical solutions of the machine design resulted in the following advantages:

- high production rate
- ease of introducing operational settings
- low power consumption
- adequate safety of service
- high durability and reliability



Technical data of string twisting frame SS-15:

Description:	Unit:	Quantity:
String thickness	mm	1 – 5
Thread thickness	tex	up to 3 x 2000
Rotary speed for thread twisting phase	rpm	510 – 2900
Rotary speed for string twisting phase	rpm	510 – 1550
Twist per meter	1/m	33 – 125
Twist direction		S or Z
Feed bobbin (I twist):		
- diameter	mm	125
- length	mm	180
Receive bobbin (II twist):		
- diameter	mm	210
- length	mm	180
Weight of receive bobbins	kg	up to 4
Approximate productivity on 8 hours work		
- string 70 twist/m and thread thickness 3,2g/m	kg	32
Overall dimensions (length x width x height)	mm	2170 x 600 x 1020
Power installed	kW	1,7
Power supply	V	3Ph 400/230 N/PE
Nominal current	A	5
Control voltage	VDC	24
Supply voltage frequency	Hz	50 – 60
Noise level in the place of work	dB	80