



PSK – 01 Coral-bead string feeder



Machine application:

The machine is designed to feed injection moulding press with strings. The machine is designed as a creel equipped with lack of string detectors, positive feeding system and disk stretchers.

Machine description:

The machine, no matter which design, is capable to contain on the creel four or eight beams on cylindrical disk bobbins. The strings from beams go through the string shortage detectors. The string shortage is signalled with sound and light.

The string is wrapped several times over the positive feeding roller system. Behind the positive feeding rollers, the compensators with 2 following functions are situated:

When in lower position, they provide a string reserve for the injection moulding press and in their upper position, they make the string to be clamped on the positive feeding rollers, thus to be wound off the take-off rollers.

On the machine outlet, the disk stretchers are situated that keep the string which enters the injection moulding press tight.

The machine is equipped with the following stretching and control elements:

- string shortage detectors
- gravitation compensators
- disk stretchers
- signal lamp



Technical data of coral-bead string feeder PSK-01:

Description:	Unit:	Quantity:
Number of heads	pcs	4 or 8
String thickness	mm	0,5 – 2
Receive bobbin:		disk-cylindrical
- inside diameter	mm	25
- disk diameter	mm	370
- length	mm	230
Rotary speed of rolls feeding device	rpm	13,8
Overall dimensions (length x width x height):		
- version with 4 heads	mm	1030 x 670 x 1600
- version with 8 heads	mm	1030 x 670 x 1800
Power installed	kW	0,12
Power supply	V	3Ph 400/230 N/PE
Control voltage	VDC	24
Supply voltage frequency	Hz	50 – 60