



KR – 01 Raffia cutting machine



Machine application:

The machine is designed for longitudinal cutting 100 mm raffia tapes into smaller width strips and making longitudinal slits of a certain length at the same time. Then, prepared strips after going through the guides are wound on bobbins on the cooperating machine – NRB.

Machine description:

Tape from the feeding bobbin placed on the spindle with brake (powder brake) through the guiding rollers is directed to a cutting drum, where longitudinal cuts are made. Then it is steered over with knives for continuous cutting, where it is cut into 6 separate tapes. Blades may also be moved during operation approx. 6mm. Receiving shafts provide tape transport.

The machine is equipped with:

- a touch programmer for entering settings and signaling possible machine states
- inverter allowing stepless speed control
- powder brake with varying braking torque depending on the current diameter of the feeding bobbin
- meter counter
- sensor of the end of the power supply





Technical data of raffia cutting machine KR-01:

Description:	Unit:	Quantity:
Feeding bobbin:		
- width	mm	100
- max. diameter	mm	500
- diameter of bobbin hole	mm	76
Cutting mechanism with OLFA AB-10S knives		
- number of tapes	pcs	6
- tapes width	mm	10 – 50
- diameter of the cutting drum	mm	69
- length of the cuts	mm	~29, ~45
Cutting speed (stepless regulation)	m/min	20 – 80
Diameter of the dust outlet	mm	35
Overall dimensions (length x width x height)	mm	1200 x 650 x 1000
Weight of the machine	kg	80
Power installed	kW	1,4
Power supply	V	3Ph 400/230 N/PE
Nominal current	A	3,5
Control voltage	VDC	24
Supply voltage frequency	Hz	50 – 60
Noise level in the place of work	dB	60