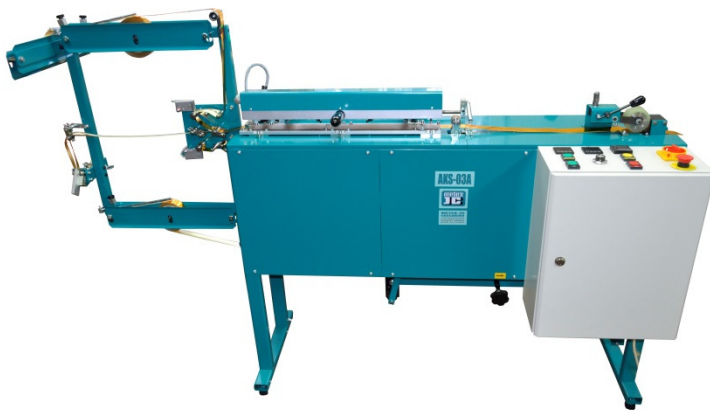




AKS – 03 Automatic machine for making pull bows



Machine application:

The machine is designed for making pull bows used in gift packaging and decoration. The bows are made of 4 polypropylene tapes (two outer and two inner). The tapes are welded together in a way that when you pull the two inner strips of tape, the other two would form a bow. The inner strips are long enough to tie around the package.

Machine description:

The machine has a form of a table, under which all the driving gears are located.

Temperature and welding speed control enables making welds of a good quality.

Dimensions of bows ~500mm or 650mm.

Electronic counter with programmable number of bows can stop the machine, after producing specified number of bows.

On the left side of the machine, there is a creel holding three bobbins of tape. Each bobbin has its own assigned friction break and a system of guides which enables regulating of the tape tension for its proper run. Each tape is controlled by the sensor which indicates lack of any tape and stops the machine after finishing the whole process. The machine is equipped with an overload clutch located in the lower drive roller, which prevents damage to the drive when accidental winding of the strips on the pulling rollers.



Technical data of automatic machine for making pull bows AKS-03:

Description:	Unit:	Quantity:
Width of the outer polypropylene tape	mm	20 or 30
Width of the inner polypropylene tape	mm	20
Diameter of the polypropylene tape circles	mm	up to 320
Dimensions of bows: Variant 1 (width x length) <i>Set of heaters – 20 x 500</i>	mm	(20) x (490 – 510)
Variant 2 (width x length) <i>Set of heaters – 30 x 650</i>	mm	(30) x (640 – 660)
Temperature control range	°C	up to 380
Theoretical productivity (at 50Hz) <i>Notice: Productivity depends on the required welding speed</i>	pcs/h	762
Overall dimensions (length x width x height)	mm	1880 x 630 x 1270
Weight of the machine	kg	100
Power installed	kW	1,0
Power supply	V	3 Ph 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	65