

## AUTOMATIC SLITTER [KPA]

The machine is designed for cutting cores with material, i.e. foams, tapes, protective films. The machine designed for cutting soft materials is equipped with a knife, for cutting hard materials - a saw. The machine is adapted to a material with a maximum length of 1500 mm, a maximum diameter of 400 mm, wound on a core with an internal diameter of 76 mm. The machine meets the standards of the INDUSTRY 4.0 project thanks to the fact that it is equipped with a GSM module that enables remote diagnostics and service. There is also the possibility of extensions to connect the machine to an internal production management network.

A solid construction made of 80x80 profiles covered with a sheet, specialized feet eliminating vibrations, covers of dangerous elements, lighting inside the machine.

The role of the operator is to manually install the core with the coil, the next commands are given by the operator from the touch control panel. The machine automatically starts and ends the cutting cycle, according to the set parameters.

**The work of the machine is shown in the film posted at the following address:**

<https://youtu.be/92INWJ-hRt8>





## Technical data

Producer	ZPHU ALTANIKA Mariusz Krzyśków   Wrocław, Polska
Contact	Aleksandra Wielocha + 48 664 117 005   aleksandra@altanika.pl
Warranty	12 months
Manual	In English
CE marking	Yes
EC declaration of conformity	Yes
Power	3x 400V, 50Hz
Power consumption	3,5kW
Air pressure	max 8 bar
Width	1800 mm
Length	3000 mm
Height	1400 mm
Weight	700 kg
Main drive	Motoreduktor 1.5 kW
Knife / saw drive	1.5 kW geared motor / 3.5 kW three-phase motor
Linear drive for knife / saw	Stepper motor, ball screw
Longitudinal linear drive	Servo motor
Collector shaft	Pneumatic
Main shaft positioning	Pneumatic
Sharpeners 2 pcs.	Three-phase motor
Knife / saw lubrication	Pneumatic spray nozzles
Knife /saw rotational speed	Inverter
Shaft speed control	Potentiometer
Knife / saw move adjustment	Smooth
Cutting positioning	PLC Driver
Slitter control	ControllerPLC 7,5"
Internal diameter of the core	76 mm
Maximum jumbo diameter	400 mm
Cores lenght	1500 mm
GSM module for remote diagnostics and service.	