

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

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| 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 | Controller PLC 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.