

FULLY AUTOMATIC CORE CUTTER [KGA]

The machine is designed for fully automatic cutting of paper cores with a length of 2000 mm, diameter in the range of 25 - 152.4 mm, wall thickness up to 16 mm. The machine is equipped with core thickness sensors. The applied technological solutions allow for fully automatic machine calibration, i.e. setting the knife height in relation to the core, the knife falling speed as well as automated core support calibration. 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 50x50 profiles covered with sheet metal, specialized feet eliminating vibrations, covers of hazardous elements.

The role of the operator is to manually install the core, the next commands are given by the operator from the touch control panel. The machine automatically starts and stops the cutting cycle.

In the model with a feeder, the machine automatically takes the cores from the warehouse. Electric calibration of the basket height depending on the core diameter in the basket allows to significantly shorten the changeover time.

The work of the machines is shown in the films posted at the following addresses:

Automatic Core Cutter

<https://youtu.be/CZf3xpaYcms>

Fully Automatic Core Cutter

<https://youtu.be/Tz6XRxmmH-0>





FEEDER and MAGAZINE - optional equipment of the machine.

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, 50 Hz
Power consumption	3,5 kW
Air pressure	max 8 bar
Width	800 mm
Length	3500 mm / 5700 mm
Height	1700 mm
Weight	500 - 800 kg
Main drive	Three-phase motor
Linear drive	Servo motor
Diameter range	The set includes 3 selected diameters ranging from 25 mm to 152.4 mm
The length of the install core	2000 mm
Thickness of the core	Up to 16 mm
Installation of the core	Manual / Automatic
Knife arm lower	Stepper motor
Cutting tool	Circular knife
Cutting accuracy	Up to 0,5 mm
Waste segregation	Yes
Control	7.5 "PLC driver
Machine calibration	Automatic
GSM module for remote diagnostics and service	
Additional options	
Automatic core feeder	
Core magazine capacity	15 cores with a ID of 76.4 mm
The location of the magazine	On the right side of the control panel
Calibration of the magazine height	Electric