

Multi-Knives-Cutter

AHT 350 / 500

For burr-free cutting of paper tubes
With knife-shaft.

➤ Working method of the machine:

The core is pushed onto the cutting mandrel automatically.

Hardened cutting mandrel with pusher and ejector for one core-ID.

Short set-up times by easyfied changing of knife-shaft and/or cutting mandrel.

Knife-shaft with corresponding spacers for one cutting width. The machine starts with pushing the button.

In one single pass the core is cut off incl. both trim cuts.

An ejector pushes the whole cut core out of the machine in a box.

A sorting device which is fully integrated, is optionally available.



The machine is equipped with:

- Control panel on the switch cabinet.
- Feeding chute for automatic feeding of the tubes.
- Knife-shaft with corresponding spaces for one cutting width.
- Hardened cutting mandrel with pusher and ejector for one core-ID.
- Cone seat for cutting mandrel for easyfied tool change.
- Optional fully automatic waste sorting.
- CE – Safety devices.

Technical Details:

* depending on quality and thickness of the core

Core diameter		
min ID	approx.	9 mm
min ID special design	approx.	6,5 mm
max OD	approx.	45 mm
Wall thickness max. with knife-drive*		
	approx.	4 mm
Core length uncut	approx.	370 or 530 mm
Cutting length		
min	approx.	5 mm
max	approx.	350 or 510 mm
Cutting accuracy*	approx.	+/- 0,1 mm
Cutting speed*	approx.	40 strokes / min 25mm Ø, 20mm Lc, 2 mm wall thickness
Electrical installation		400 Volt, 50 Hz 3 phase current with N and PE
Main drive		2,20 kW
Drive of mandrel		1,50 kW
Drive of knife shaft		1,10 kW
Standard painting		
Machine	Signalwhite-Structure	RAL 9003
Machine dimensions (LxWxH)	approx.	2,7 x 1,6 x 1,4 m
Net weight	approx.	1.150 kg

Additional Features:

Drive of knife-shaft 1,50 kW

For wall thickness up to 4 mm.

Drive for counter-pressure roller 0,37 kW

For cores with maximum wall thickness.

Waste sorting

Optional available as ejector system or sorting drum.

Additional toolset

Knife-shafts for different cutting lengths.

Cutting mandrel for different core diameters, incl. pusher and ejector.

Brodbeck