

**Multi-Knives-Cutter**

# AHTS 3-1000

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.

The machine is equipped with:

- Control panel with touch panel.
- Feeding chute for automatic feeding of the tubes.
- Counter Pressure Roller rubber coated to support the cutting mandrel.
- Central Support for cutting mandrel in order to allow heavy duty cutting.
- 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.
- Full automatic waste sorting.
- Knife lubrication.
- CE – Safety devices.

**Technical Details:**

\* depending on quality and thickness of the core

Core diameter		
min ID	approx.	50 mm
min ID special design	approx.	38 mm
max OD	approx.	90 mm
Wall thickness max. with knife-drive*	approx.	5 mm
Core length uncut	approx.	1060 mm
Cutting length		
min	approx.	15 mm
max	approx.	1030 mm
Cutting accuracy*	approx.	+/- 0,1 mm
Cutting speed*	approx.	40 strokes / min 76mm Ø, 50mm Lc, 3 mm wall thickness
Electrical installation		400 Volt, 50 Hz 3 phase current with N and PE
Main drive		5,0 kW
Drive of mandrel		8,0 kW
Drive of carriage		7,0 kW
Drive of knife shaft		7,5 kW
Standard painting		
Machine	Signalwhite-Structure	RAL 9003
Machine dimensions (LxWxH)	approx.	4,5 x 1,4 x 1,7 m
Net weight	approx.	1.150 kg

**Additional Features:****Feeding system with chain conveyor  
and tube storage**

Capacity for 3" cores (ID76 mm) approx. 100 cores.

**Central lubrication**

With electric pump.