

Multi-ID Core Cutter UNI 1000

for burr-free cutting of cardboard cores with different diameters on the same cutting mandrel.

The mandrel fits the whole range of diameters.
Tool change is not necessary.

➤ Working method of machine:

The tube is fed manually onto the cutting mandrel.

The cutting mandrel's diameter is smaller than the inner diameter of the core and therefore suitable for the whole range of core IDs.

The cutting length is entered at a terminal then the machine is started by a button.

An opto-electronical sensor detects the tube leading edge.

First a trim cut is made, next the core is divided into the corresponding cutting length programmed. A pusher ejects the separate pieces off the mandrel into a box.

The machine is equipped with:

- Operating Terminal SIEMENS TP170 Touch Panel for programming the required cutting length and amount of pieces.
- Positionable Knife-Holder, incl. circular knife and absorber unit.
- Positionable Axis for Knife-Holder
- Discharging unit for cut sections.
- Cutting mandrel
- Safety Devices according CEE - conformity



Technical Data:

* depending upon quality and wall of core

ID min	appr	25 or 35 mm
OD max	appr	160 mm
Wall thickness up to with driven knife *	appr	4 mm
	appr	10 mm
Parent tube length	appr	1050 mm
Cutting length min	appr	3 mm
Cutting length max	appr	1000 mm
Last trim min	appr	15 mm
Cutting accuracy *	appr	+/- 0,2 mm
Output *	appr	40 cuts / min
		3'' ID, cut 20mm wall 2mm
Mandrel choice		35 or 25 mm ID
Standard Circular Knife		ASP 100 x 40 x 2 mm
Electrical Installation		400 Volts, 50 Hz 3 phase current with N und PE
Main Drive for mandrel and guide rollers		0,75 kW
Positioning device		0,65 kW
Pneumatic Installation		50 NL/min at 6 bar
Standard Painting		RAL 9003 signal white texture finish
Machine dimensions (LxWxH)	appr	2,0 x 0,7 x 1,4 m
Net weight	appr	425 kg

Knife - Drive

for wall thicknesses up to 10 mm

Additional Cutting Mandrel

Tool-Set 25/35 mm

Multi-Lengths - Software

for cutting one tube up into 4 different lengths.

Length of the remaining part is indicated.