

## **Multi ID – Paper Core Cutter UNI 75 – 2000 semi**

for burr-free cutting of cardboard cores  
of 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. 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.

The machine is equipped with:

- Touch Panel  
for programming the required cutting length and amount of pieces.
- Tube pick-up feature  
for ergonomic short-tube-feeding.
- Positionable Knife-Holder,  
incl. circular knife.
- Driven Knife with speedcontrol
- Knife Penetration Speed adjustable from exterior.
- Positionable Servo Axis for cutting unit
- Discharging unit for cut sections.
- Jet - Lubrication of knife  
for polished cutting surface and cooling.
- Cutting mandrel with OD 145mm  
with easy to change nylon-bushes.

## **Advanced Safety Kit for UNI 75-2000 semiautomatic**

The machine could be equipped with additional safety devices.

**Technical Data:**

\* depending upon quality and wall of core

ID min	appr.	150 mm
special design	appr.	100 mm
OD max	appr.	750 mm
Wall thickness with driven knife	appr.	3 - 30 mm
Parent tube length	appr.	2090 mm
Cutting length		
max	appr.	2050 mm
min	appr.	5 mm
Set-Up time to another OD	appr.	1 - 2 min
Cutting accuracy *		
up to 10 mm wall	appr.	+/- 0,2 mm
more than 10 mm wall	appr.	+/- 0,3 mm
Output (depending upon quality and wall of core)	appr.	20 cuts / min 6'' ID, cut 20mm wall 5mm
or	appr.	10 cuts / min 16'' ID, cut 150mm wall 6mm
Standard Circular Knife		HSS 140 x 40 x 2 mm
PLC		Siemens S 7
Electrical Installation		400 Volts, 50 Hz 3 phase current with N und PE
Drive for mandrel		4.00 kW
Drive guide rollers		twice 0.55 kW
Knife Drive		1,10 kW
Pneumatic Installation		120 NL/min at 6 bar
Standard Painting		RAL 9003 signal white texture finish
Machine dimensions (LxWxH)	appr.	3,7 x 1,8 x 2,2 m
Net weight	appr.	2.700 kg