



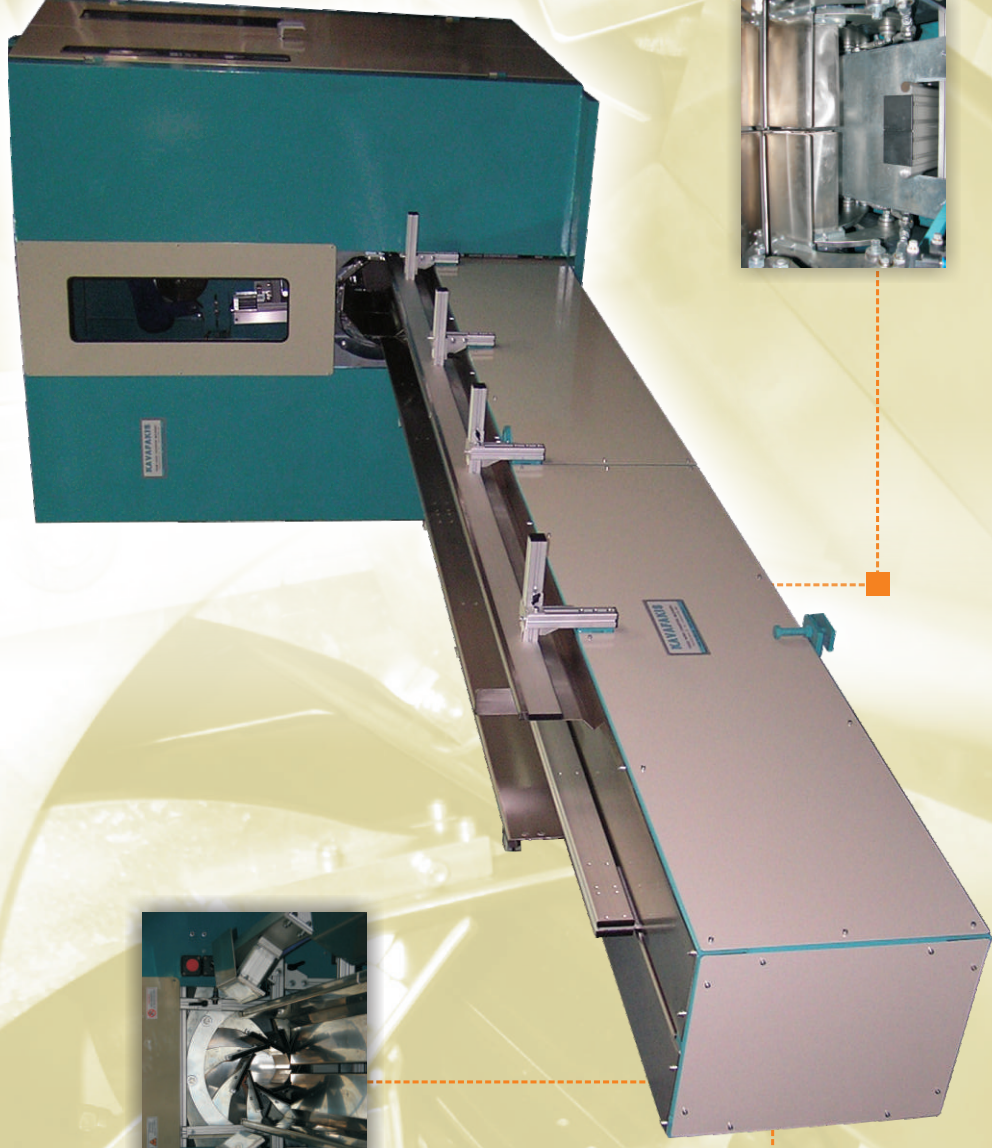
**KAVAFAKIS**  
TISSUE PAPER CONVERTING & PACKAGING MACHINERY

**Model**

**MKd-1000**

**INDUSTRIAL ROLLS LOG SAW**

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**For industrial rolls  
log diameter:  
φ 140mm - φ 350mm**

142 MKd-1000

Blade

**φ 1000**

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### STANDARD TECHNICAL FEATURES

- Cutting speed electronically regulated up to 90/strokes /min (rolls 100mm)
  - Cutting speed electronically regulated up to 65/strokes /min (rolls 250mm)
  - Logs diameter  $\phi$ 140 to  $\phi$ 350mm
  - Logs length up to 2,75m (for smaller length logs are fast speed driven)
  - Adjusted central electronic unit that offers simple machine operations at a highly productive rate and safe functioning (servo motor + servo driver, inverter, PLC controller & touch screen). Profi - bus network connections.
  - On screen Production Registering every 15min, 120min or every completed shift. Data can be collected via USB or monitored and recorderd via Ethernet.
  - Ethernet device for interactive connection saving time and quality of after sales support.
  - Remote Support via Internet.
  - Preventa Safety Products ( Category 5).
  - In case of Emergency : Automatic Pause of all Motors.
  - Secured gates until all mechanical parts stop moving.
  - The length of the logs can be electronically regulated for dimensions of kitchen paper, paper towels, industrial paper.
  - Minimum length 90mm and maximum 999mm.
  - Grinding system with Borazon technology
  - Automatic adjustable lubrication system
  - Lubrication and grinding takes place automatically without pausing the machine.
  - Electronically adjusting length of cut edges via an easy to handle touch panel.
  - Universal handling clamp with electrical adjustment and pneumatic function
  - Trim-removal system with special conveyor belts.
  - Electric motor with electric brake, responsible for the planetary movement of the circular blade ( 4KW).
  - Circular blade with a diameter of  $\phi$ 1000mm rotated through an electric motor 11KW.
  - Automatic blades diameter wear down compensation with electrical motor.
  - Overall Power supply : 17,3 KW
- Safety regulations for the proper function of the machine :
- Stand by condition
  - First conveyor control is included in the automation
  - Secured log entrance gates
  - Fault detection system

