



**KAVAFAKIS**  
TISSUE PAPER CONVERTING & PACKAGING MACHINERY

For toilet and kitchen paper  
For industrial rolls  
Combined model  
**ELECTRONIC LOG SAWS**

**Model**

**MKd-II**

P.O.BOX:1371, INDUSTRIAL AREA OF THESSALONIKI - 570 22, THESSALONIKI, GREECE - TEL.: +30 2310 685 969, FAX: +30 2310 685 971



**150 strokes/min**  
**1 or 2 lines**

102 MÊd-II  
112 MKd-II  
122 MÊd-II  
132 MÊd-II

Blades

φ 610  
φ 700  
φ 810  
φ 880

sales@kavafakis.gr  
info@kavafakis.gr

[www.kavafakis.eu](http://www.kavafakis.eu) • [www.kavafakis.gr](http://www.kavafakis.gr)



**KAVAFAKIS**  
TISSUE PAPER CONVERTING & PACKAGING MACHINERY

Toilet paper and kitchen towel  
Combined model  
AFH & industrial rolls  
Hybrid models

## LOG SAWS

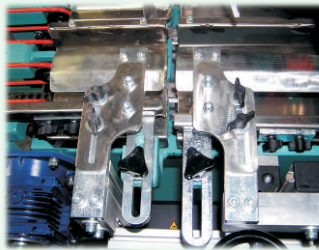
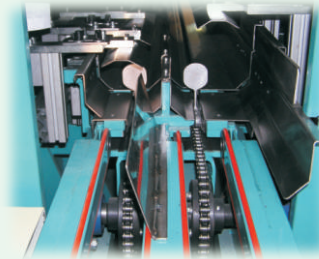
model 102 MKd-II  
model 112 MKd-II  
model 122 & 123 MKd-II  
model 132 & 133 MKd-II

Model  
**MKd-II**

### STANDARD TECHNICAL FEATURES

- Length of logs up to 2,75 m
- Logs of smaller lengths are fast speed driven towards the first cut point
- Electronic cutting length adjustment from 90 to 999mm
- electronic trim adjustment
- Four predefined cutting speeds according to the length and the diameter of the rolls
- Planetary movement of the circular blade with motor: 3 KW. Control via INVERTER
- Automatic grinding system with CBN Borazon (Electronic control and adjustment)
- Programmed spraying lubrication of the circular blade
- Lubrication and grinding are carried out without pausing the machine
- Automatic blade compensation
- Central electronic unit (servo motor + servo driver inverter, PLC controller & touch screen)
- Standard safety regulations including
- Stand by condition
- First conveyor incorporated in the automotion
- Secured log entrance gates
- Fault detection system
- Special conveyor belt as a trim removal system
- Pneumatic consumption 90 lt/min
- Weight = 5.000 Kg

### SPECIAL FEATURES



#### Model 102

- logs' diameter:  $\Phi$  90 to  $\Phi$  160mm
- weight: 90 gr to 200 gr
- cutting of 2 logs at the same time
- cutting speed: 30 to 150 strokes / min
- circular blade with a diameter of  $\Phi$  610 mm

#### Model 112

- log's diameter:  $\Phi$  90 to  $\Phi$  200mm
- two logs diameter: up to  $\Phi$  160mm
- weight: 90 gr to 1 kg
- cutting of 2 logs at the same time or cutting of 1 log if adjusted
- cutting speed: up to 130 strokes/min
- circular blade with a diameter of  $\Phi$  610mm or  $\Phi$  700mm
- $\Phi$  610: strokes in 2 channels from  $\Phi$  90mm to  $\Phi$  160mm
- $\Phi$  700: strokes in 2 channels from  $\Phi$  90mm to  $\Phi$  160mm and in 1 channel up to  $\Phi$  200mm

#### Model 123

- logs' diameter:  $\Phi$  90 to  $\Phi$  280 mm
- weight: 90 gr to 3000 gr
- log retaining system with 3 sets
- cutting speed: 30 to 100 strokes / min
- circular blade with a diameter of  $\Phi$  870 - 880 mm

#### Model 133

- one log diameter: from  $\Phi$  90 to  $\Phi$  240 mm
- weight: from 90 gr to 2500 gr
- cutting speed : up to 110 strokes / min
- circular blade with a diameter  $\Phi$  870 - 880 mm

Blade motor 5,5Kw  
Total P.C. 10,61Kw (14,11Hp)

#### Model 122

- logs' diameter:  $\Phi$  90 to  $\Phi$  280 mm
- weight: 90 gr to 2600 gr
- log retaining system with 3 sets
- cutting speed: 30 to 100 strokes / min
- circular blade with a diameter of  $\Phi$  870 - 880 mm

#### Model 132

- one log diameter: from  $\Phi$  90 to  $\Phi$  240 mm
- weight: from 90 gr to 1500 gr
- cutting speed : up to 110 strokes / min
- circular blade with a diameter  $\Phi$  870 - 880 mm

Blade motor 9,2Kw  
Total P.C. 14,30Kw (19,07Hp)

