



KAVAFAKIS
TISSUE PAPER CONVERTING & PACKAGING MACHINERY

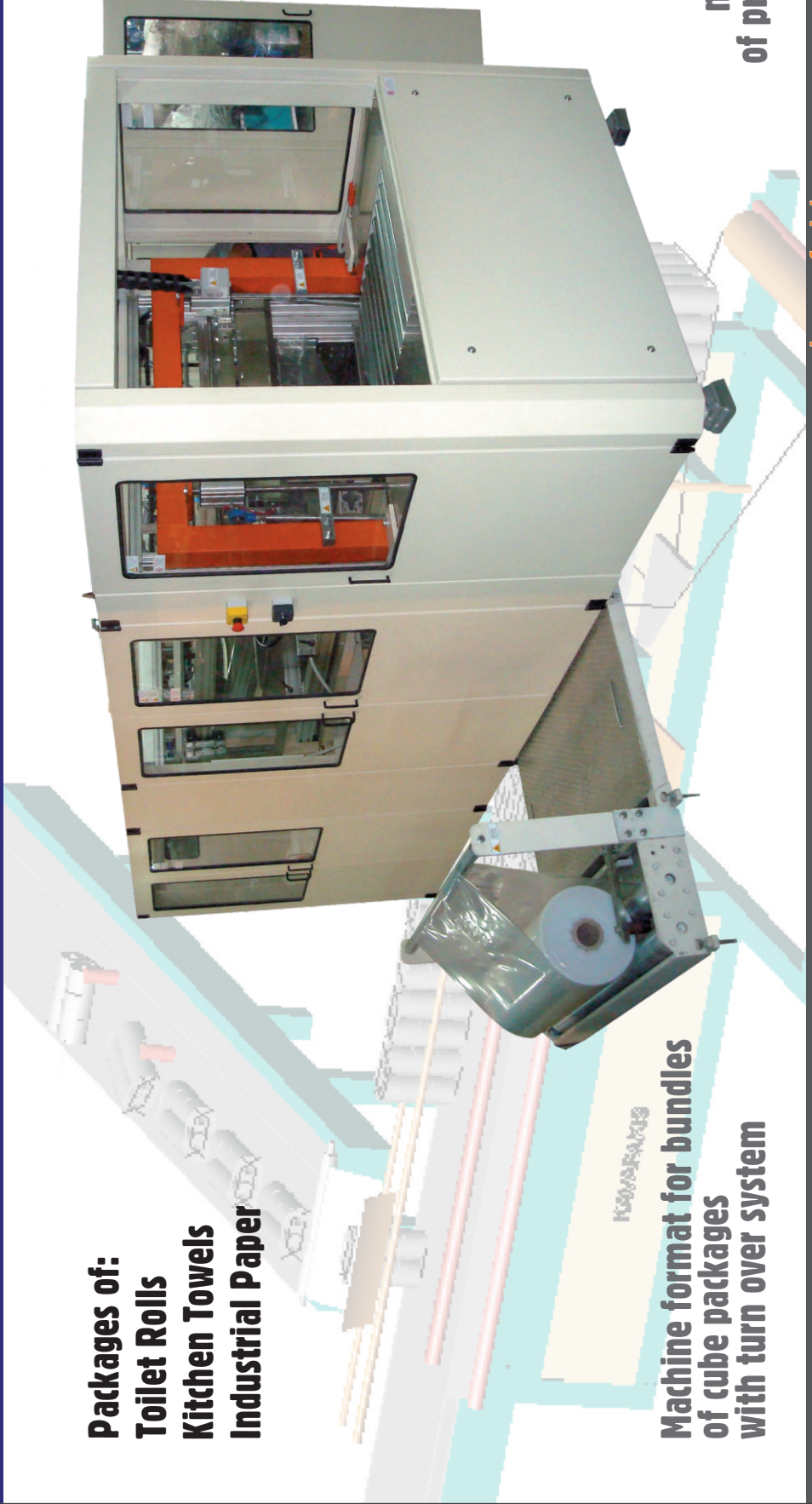
**Production Lines with
Complete Automatic
Packaging Section**

**SERIES
MS-K**

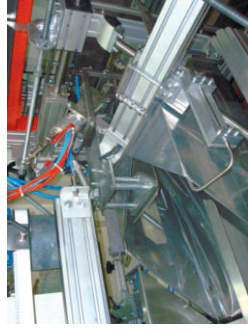
UNIVERSAL BUNDLER

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

**Packages of:
Toilet Rolls
Kitchen Towels
Industrial Paper**



**Machine format for bundles
of cube packages
with turn over system**



**Machine format for
multiple layers bundles
of pre-made bags packages**



STANDARD TECHNICAL FEATURES

- Formation of packages of toilet paper in two-layer or three-layer arrangement.
- Formation of packages of kitchen and industrial rolls in one layer.
- Formation of packages in bundles of maximum dimensions: height = 320mm (or 420mm under request), adjust +/-50mm width = 780mm and length = 1150mm
- System for controlling the overturn of packages, attached between the conveyor belt that brings the material from the packaging machines and the vertical conveyor (buffer) of the BUNDLER's grouper.
- Conveyor (buffer) with adjustable side guides and control photocells of the incoming material.
- Horizontal grouping system with a vertical diverter of one layer bundle arrangement and formation of multiple layers in formations of (1x2), (2x2), (2x3), (2x4), (2x5), (2x6), (3x2), (3x3), (3x4), (3x5), (3x6), (4x2), (4x3), and (4x4).
- Stacker for automatic grouping according to the programmed height for the formation of bundles with two or three layers of packages (or other configuration under request).
- Automatic filling pusher. Motor with inverter drive unit.
- Automatic activation of the welding system. Pneumatic movement.
- Double linear welding and cutting of the bag (wrapping).
- Electronic digital instruments for controlling the welding temperatures
- Plastic polyethylene film folder (formation system) with folders and a head of linear welding (flow - pack type)
- Film unwinding deck with inverter driver motor unit.
- Complete electrical control board.
- LG P.L.C (Programming Logic Controller) with automatic and manual operating modes.
- Production up to 13 bundles / min (according to the selected arrangement).
- Interior Camera for monitoring & support
- Remote Support via Internet
- Overall power motor consumption: 3,0 Kw.
- Overall resistance consumption: 1,4 Kw
- Pneumatic consumption: 200 lt/min for 10 cycles / min

MODEL

MODEL			
<u>MSK 601 & 602</u>	<u>MSK 631</u>	<u>MSK 632</u>	<u>MSK 633</u>
<ul style="list-style-type: none"> • Operates with pre - folded film. • Inline Material feeding. • Adjustable manual cassette. • Model 601 MSK is provided without stacker. 	<ul style="list-style-type: none"> • Operates with pre - folded film. • Lateral Material Feeding. • Adjustable manual cassette. 	<ul style="list-style-type: none"> • Operates with unfolded film (plain). • Lateral Material Feeding. • Adjustable Electronic Cassette with step motors and memory presets to automatically calculate the with and height. 	<ul style="list-style-type: none"> • Operates with unfolded film (plain). • Inline Material Feeding. • Adjustable Electronic Cassette with step motors and memory presets to automatically calculate the with and height.

