

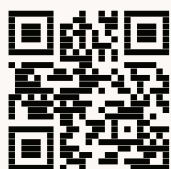


KOMBIS FT1500

LAMINATED TUBE MAKING MACHINE

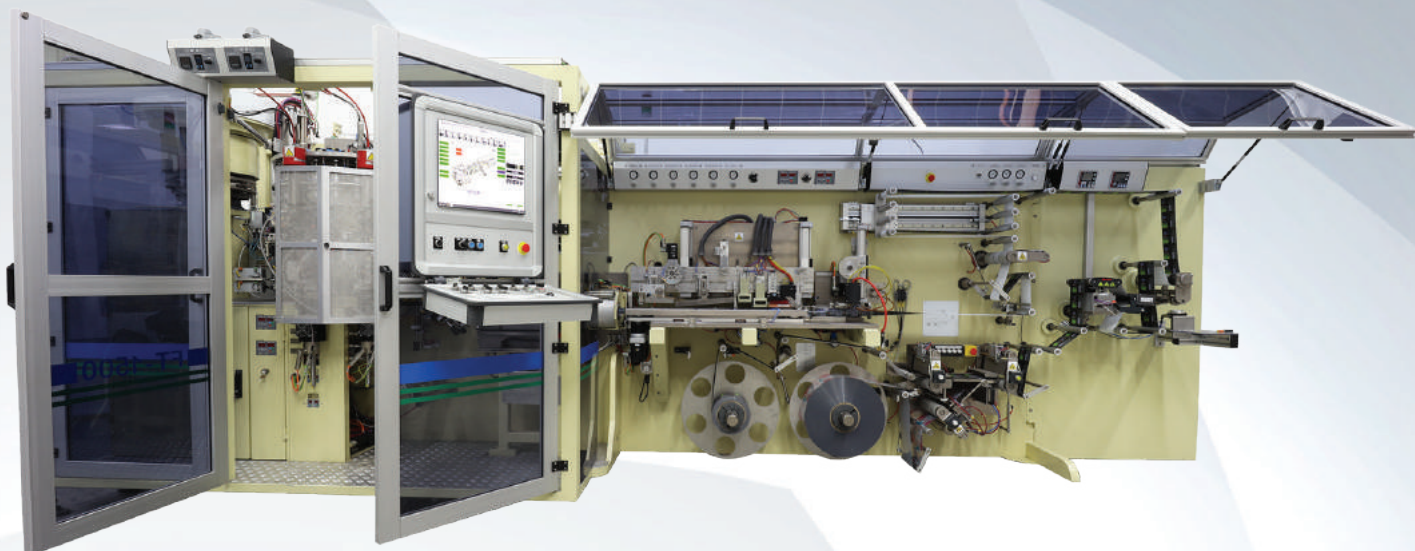
Innovation and quality combined

Following the current trends of automation and data exchange in manufacturing.



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TECHNICAL PARAMETERS FT1500

TUBE SIZE*

TUBE DIAMETER	D16 – D50
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TUBE LENGTH	L90 – L200
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MACHINE SPEED**

ABL	150 TUBES PER MINUTE***
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PBL	130 TUBES PER MINUTE***
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MATERIAL

ABL	175 µm – 330 µm
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PBL	220 µm – 400 µm
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POWER SUPPLY	3P + N + PE 400 V +/- 10% 50/60 Hz
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COMPRESSED AIR

FLOW RATE	• ABL: 1350 l/min • PBL: 4000 l/min
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PRESSURE	8 bar
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MECHANICAL ADMIXTURES	≤ 5 µm
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COOLING WATER

FLOW RATE	20 l/min
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TEMPERATURE	15 °C
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PRESSURE	2 - 4 bar
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*Confirmation needed after a review of the geometry of the shoulders for PBL tooling for diameter smaller than 25 mm.

**The output is guaranteed for standard round tube only (tested on D30; L145; stand-up cap; laminate tube TL 1337 FC Huhtamaki 250/12 µm; using a PBL module as a pre-heater).

***OEE>85%



Features

- Autosplice
- ABL and PBL compatible
- Longitudinal welding with double belts
- Remote Control for Diagnostics & Adjustments



Advantages

- Quick change-over
- Energy efficient components
- Fast and cost-effective welding systems (KOMBISEAM™)



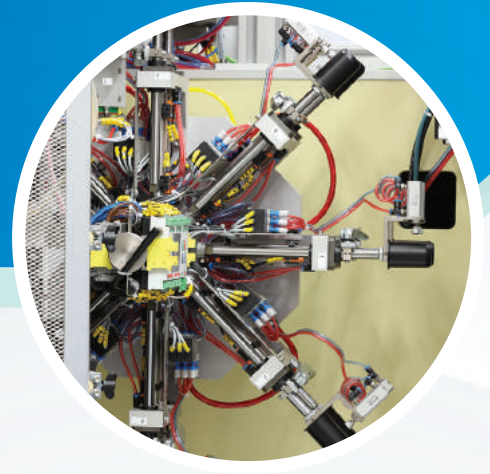
Benefits

- Fast production
- Higher reliability and machine safety
- Addition of specialized tooling

We offer multiple optional modules and add-ons.
Learn more about them at

kombis.net

Our Tube Making Machines use induction welding to form the tube body. For seaming the laminate body to the shoulder we use hot air or induction welding.



1. UNWINDING

- Smooth and uniform unwinding of laminated foil from the main reel

2. TUBE FORMING

- Body Forming
- Side Seaming
- Body Cutting

3. ADD THE SHOULDER

- Shoulder and Body Loading
- Shoulder Welding
- Membrane Sealing (optional)

4. CAPPING

- Screw-on/Push-on Capping Station
- Combined Shoulder and Cap station

5. EJECTION

- The finished product is ejected
- Automated tube packaging machine KOMBIS TBM (optional)

Tube Boxing Machine →
Designed to ease the packing process.





Member of the Wifag-Polytype group

Mechatronica SC is a Bulgarian-Swiss machine manufacturer based in Bulgaria, specializing in the design and build of unique, high performance, automatic packaging lines for paste and liquid products used in personal care, cosmetics, beverage, and the pharmaceutical industry.

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