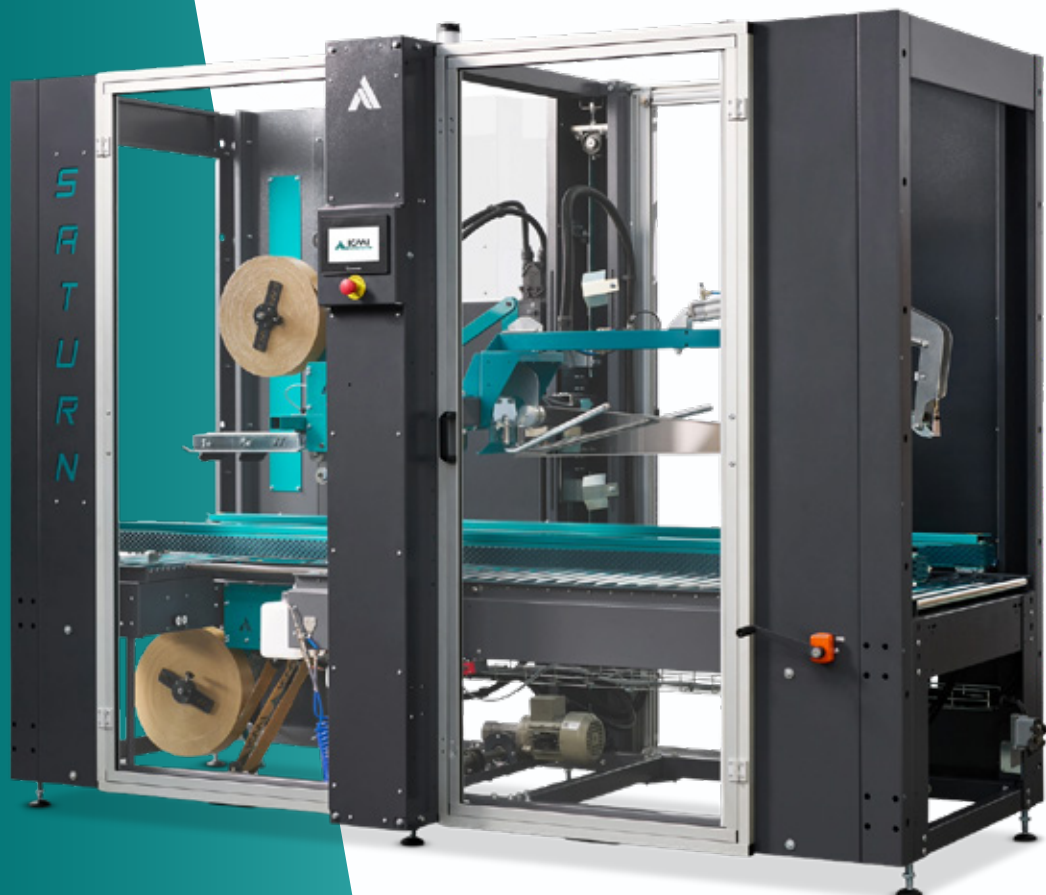


SATURN

Uniform automatic case sealer for water activated tape and adhesive tape with automatic flaps closing device



**The wise, efficient
and responsible solution
for your packaging.**

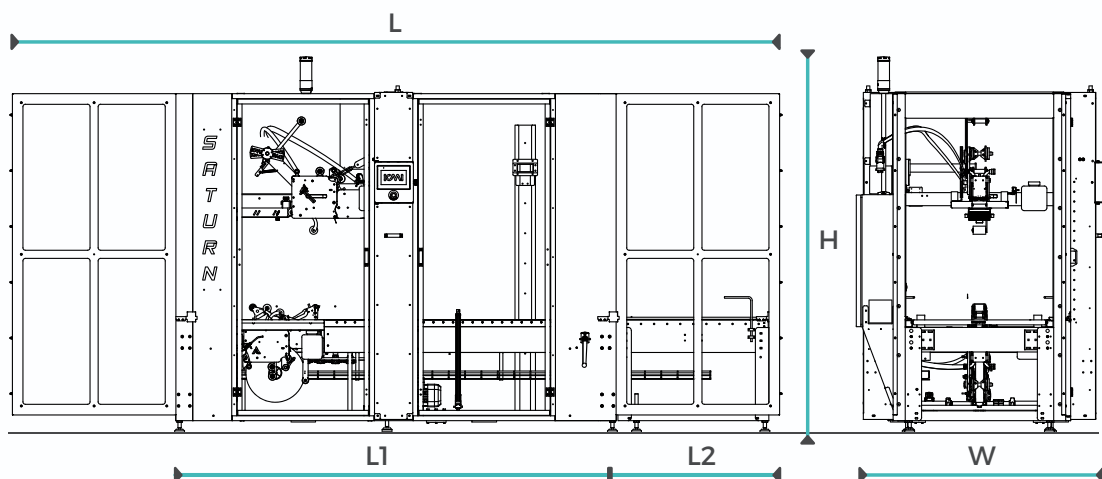
Saturn is a case sealer for water activated tape designed for taping a set of boxes of the same size, suggested to be integrated into an automatic line. The adjustment to the box size is manual, but simple and fast. The box is introduced through automatic conveyor or through operator with the upper flaps open. The machine automatically sticks on the water activated tape above and below, sealing the box.

ICMI
ECO-TAPING

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Technical data



L 4693 mm

L1 2710 mm

L2 912 mm

W 1553 mm

H 2344 mm



Water-activated tape

A From 230 mm to 400 mm*

B From 50 mm to 70 mm

C From 30 mm** to 70 mm

* 70 or 76 mm available as optional

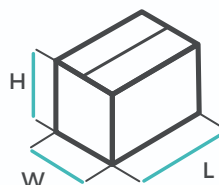
Adhesive tape

Max. 360 mm

From 38 mm to 75 mm*

Max. 76 mm

Overlap from 50 mm to 75 mm.



L 200 mm - 800 mm

W 140 mm - 600 mm

H 100 mm - 600 mm

Box sizes accepted customizable upon request

Average production

Max 10/12 boxes per minute*

*Box size and temperature can the affect average production.

Power supply

400VAC 3 Ph P + N + PE

Other power supplies upon request.

Electrical protection

IP 54

Weight

Machine: 800 kg
Centring device: 150 Kg

Dragging belts speed

From 200 to 400 mm/second*

*Adjustable.

Installed power

1 kW

Recommended pressure

6 bar

Air consumption

0,3 lt./cycle

Operating temperature

From 10°C to 40°C

Operating humidity

40% - 65%

NB: ICMI can fulfil requests that do not fit within the technical data sheet.

Characteristics

Adjustment via hand crank on box width (through HMI as optional);

Adjustment via HMI on box height;

Possibility to save box sizes as receipts;

Automatic upper flaps closing device;

Automatic infeed box centring / cadening device (optional);

Boxes introduction with the upper flaps open;

Box dragging, top and bottom taping simultaneous and automatic;

Water-activated tape humidification adjustable;

Water-activated tape non-return ratchet device;

Lack of inertial forces when unwinding the paper tape from the reel thanks to the pivoting roller brake;

Pneumatically controlled, self-adjusting and self-sharpening cutting units. The pneumatically controlled pressure rollers, which press the tape on the box, are adjustable for keeping constant the pressure applied on the whole box surface, allowing to work even on the softest cardboard;

Water-activated tape overlap adjustable from 60 to 75 mm;

Silent peristaltic pump located inside the taping unit that pumps water from the tank and sends it to the humidification unit;

Energy-saving mode;

Possibility of changing the control panel side and the direction of insertion of the box;

Structure

Painted iron frame;

Free roller sliding surface;

Lateral dragging belts;

All unpainted details are electro-galvanized;

Painting in RAL 7015 for fixed parts and RAL 5015 for moving parts (other RAL upon request).

Taping unit

Water-activated tape humidification and feeding units capable of using 85 g/ m² and heavy reinforced tapes without any off-standard modification. Inspection activities are easy and smooth.

All ICMI machines can be projected and manufactured upon any specific customer request. A wide range of modifications and/or accessories are available on request.

The Saturn case sealer complies with the Machinery Directive 2006/42/EC and is accompanied by a regular conformity declaration.



COMPACT

Taping unit

The **Saturn** case sealer supports the brand-new Compact taping units, designed and manufactured exclusively by ICMI.

The Compact unit allows an easier maintenance comparing to the standard taping head, enabling a simplified and fast reel change. In addition, Compact offers the possibility of supporting water- activated tape rolls with a minimum diameter of 250 mm, giving maximum elasticity to the customer.

Finally, the new line of ICMI case sealers capable of supporting the Compact taping unit allow the latter to be interchanged with any adhesive tape unit on the market, offering, for the first time ever, a point of contact between the world of water-activated tape and that of adhesive tape.





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