

CG50

Semi-automatic adjustment taping machine for gummed paper



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

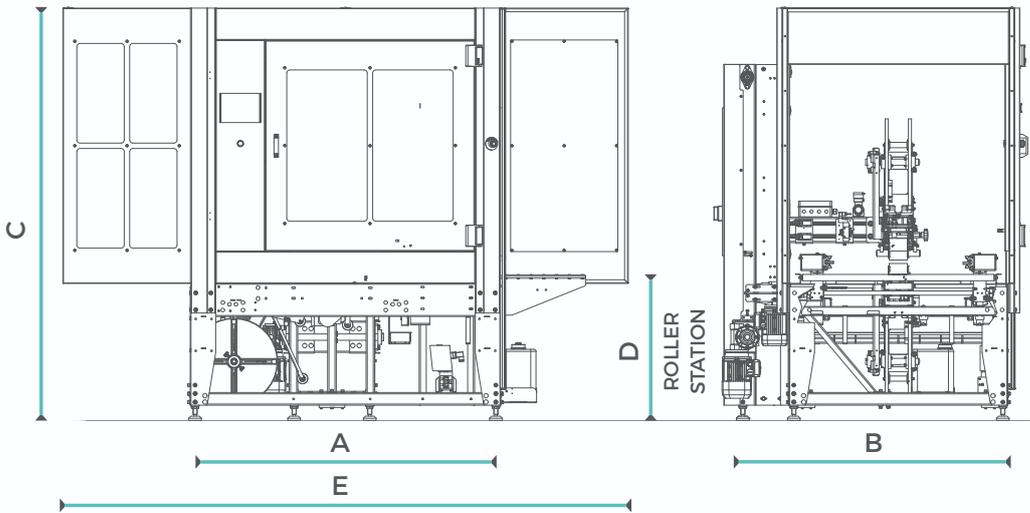
CG50 is a semi-automatic adjusting gummed paper taping machine made for taping cardboard boxes of different sizes from each other. The box is introduced manually after folding (closing) the top flaps. The machine will semi-automatically adjust to the size of the box and spread the gummed paper underneath and on top. By means of a device, it is possible to keep the machine sized to the format and thus quickly tape a quantity of equally sized boxes.

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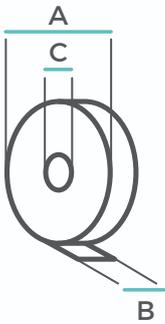
24040 Bonate Sopra - Bergamo - Italy
Tel. +39 035 883 450 Fax +39 035 885 151 sales@icmi.it

Technical data

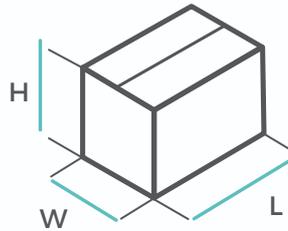


A	1860 mm
B	1410 mm
C	1950 ± 50 mm
D	690 ± 50 mm
E	2640 mm

(Taping machine size for boxes W 600 H 600)



A	Max 400 mm
B	from 50 mm to 80 mm
C	70 mm



L	from 180 mm to ∞
W	from 140 mm to 600 mm
H	from 135 mm to 600 mm

Customizable dimensions on request

Average production



Max boxes per minute*

*Box size and temperature can affect average production.

Power supply



400 V 50 Hz T + N

Electrical protection



IP 54

Weight



405 Kg

Box transfer speed



400 mm/second

*Adjustable by touch screen

Installed power



1,5 kW

Pressure recommended Air consumption



6 bar

0,15 NI/cycle

Temperature of use



from 10°C to 40°C

Operating humidity



40% - 65%

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

Characteristics

- Semi-automatic adjustment for different box sizes;
- Manual insertion of the boxes with upper flaps closed;
- Vertical and side auto-dimensioning with an electric control device. It also allows, by means of a device, to keep the machine sized and to quickly seal amounts of boxes of the same size;
- Automatic and simultaneous box conveying and taping (upper and lower);
- Gummed paper adjustable humidification;
- Gummed paper 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-sharpening guillotine cutting group;
- Rollers to press the gummed paper onto the boxes can be adjusted: pressure can be changed depending on the contents and/or thickness of the boxes;
- Front and behind can be changed from 60 to 80mm according to paper width;
- Peristaltic pump that sends and draws humidification water from the tank (5 liters) to the humidification units, sending the excess back into the tank. Constant humidification of gummed paper is guaranteed even on lines with discontinuous capacity;
- Humidification unit heating by cartridge heater, stainless steel, 100 W, 24 Vac, thermostat installed on the taping head and connected to the electrical panel. This is essential at temperatures below 18°C and/or medium/high output: it improves and speeds up the glue reaction of the gummed paper. The temperature can be adjusted by touch screen up to 60°/70° with sens. PT 100;
- All linkages (excluding drive chains) are mounted on recirculating ball bearings;
- Electrical control box made in compliance with EN-60204-1, in a box with IP65 protection level, containing the components at mains voltage and at 24V 50Hz;
- Possibility of changing the box insertion direction;
- Touch screen for operator data interchange.

Optional upon request

- Wheels with brake;
- Outgoing supplementary roller conveyor;
- Customized colour.

Structure

- Painted iron frame;
- Upper head supported overhanging for complete freedom of action and a perfect view of the operator;
- Sliding plane with idle rollers;
- Box conveying with toothed side belts fitted with special section rubber blocks for secure movement of both light and delicate boxes and strong and heavy ones (30kg) (adjustable upon request);
- All unpainted details are electro-galvanized;
- Painting: 7015 (other colours upon request);
- Accident protection consisting of painted sheet metal frames and profiles and transparent colorless polycarbonate panels. IEC337-compliant safety switches govern the spezione sliding doors. Four barriers protrude beyond the footprint in length by about 800 mm. Safety sensor on the operator side;

Taping unit/head

- Patented gummed paper dispensing and wetting units capable of using 85 g/m² to heavy reinforced papers without registration. Inspection activities are easy and smooth.

All ICMI machines can be designed and built according to the customer's specific requirements. A wide range of modifications and/or accessories are available upon request.

Taping Machine CG50 complies with machine directive 2006/42/CE and is always delivered with the conformity declaration and marked "CE".





Industria Costruzioni Macchine Imballaggio

Via Milano, 29/33 - 24040 Bonate Sopra (Bergamo), Italy

Tel. +39 035 883 450

Fax 035 885 151

sales@icmi.it

www.icmi.it