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Semi-automatic case taping machine COMARME GEM 320

Comarme S.r.l. (Italy) · up to 1000 cases/h · cases of one size



The GEM 320 — photo by the manufacturer Comarme S.r.l.

Application

A semi-automatic machine for taping cases of one size: the top and the bottom seams are applied in a single pass. It suits plants where the case is always the same and the volume no longer allows taping by hand.

Design

— handle for adjusting the head height;
— emergency stop button;
— easily reachable switch;
— side pressing rollers;
— case centring guides;
— modular design of the Gem series: the spare parts are common to the machines of the series.

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Technical data

Parameter	Value
Purpose	semi-automatic taping of cases of one size
Case sizes	length from 150 mm with no upper limit · width 120 or 130 mm (depending on the head) up to 520 mm · height 100–520 mm
Output	up to 1000 cases/h
Case travel speed	about 22 m/min
Taping heads	for 120 mm tape — T22, T23 · for 130 mm — T21, T21.5, T22, T23
Tape width	25–75 mm
Tape reel	maximum diameter 360 mm, inner diameter 76 mm, width 25–50 mm
Installed power	0.25 kW
Power supply	three-phase or single-phase
Protection class	IP54
Working temperature	from +5 to +35 °C
Weight	147 kg
Dimensions	length 1170 mm · width 860 mm · height 1450 mm · height with the head raised 1750 mm
Supports	feet with a fixed base; on request — on wheels

Supply and service

Delivery and packing, installation and commissioning, staff training, a 12-month warranty (excluding parts subject to normal wear), post-warranty service and spare parts. The lead time per the 2025 offer is 10–12 weeks from the order.

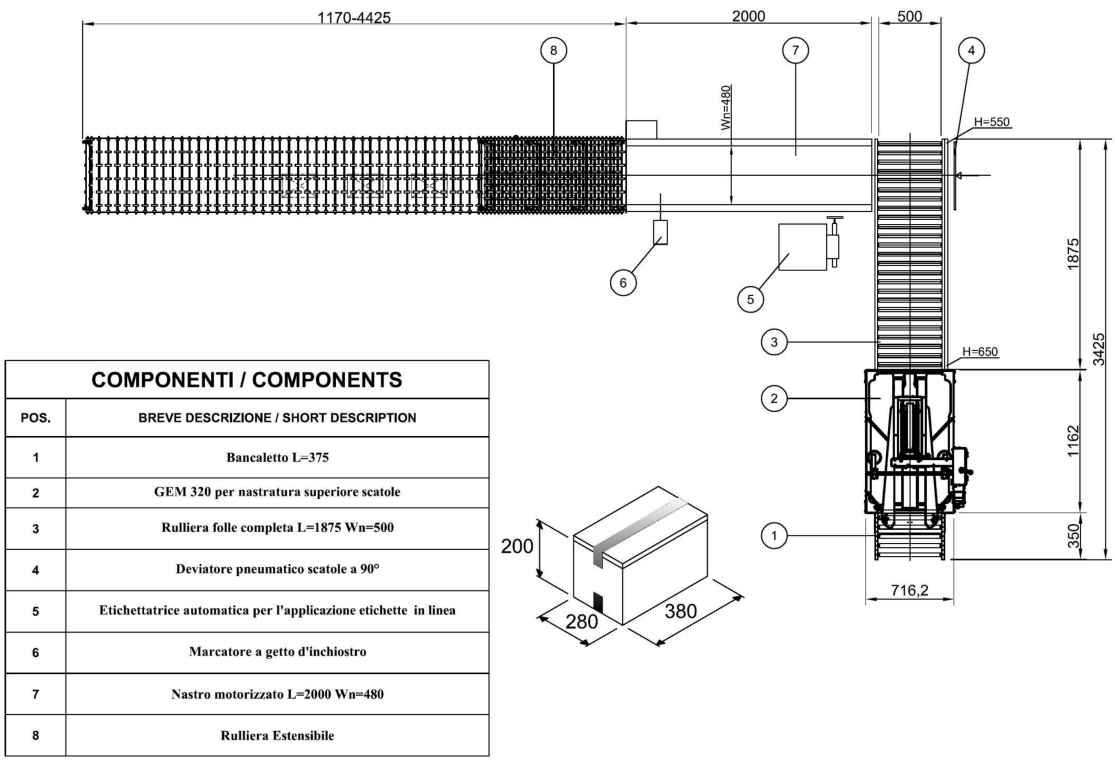
The data are indicative; the manufacturer reserves the right to change them without notice. The machines are built to CE standards.

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An example of a case taping line

The manufacturer’s drawing for a line with the GEM 320: the case is taped, travels along a roller conveyor, is turned through 90° by a pneumatic diverter, receives a label and a printed marking and comes out onto an expanding roller conveyor. Line dimensions per the drawing: length from 1170 to 4425 mm along the straight section, working surface height 650 mm.

Pos.	Equipment
1	stand L = 375 mm
2	GEM 320 — tape applied on top
3	roller conveyor L = 1875, Wa = 500 mm
4	pneumatic 90° case diverter
5	labelling machine
6	printer
7	driven conveyor L = 2000, Wa = 480 mm
8	expanding roller conveyor



COMPONENTI / COMPONENTS	
POS.	BREVE DESCRIZIONE / SHORT DESCRIPTION
1	Bancaletto L=375
2	GEM 320 per nastratura superiore scatole
3	Rulliera folle completa L=1875 Wn=500
4	Deviatore pneumatico scatole a 90°
5	Etichettatrice automatica per l'applicazione etichette in linea
6	Marcatore a getto d'inchiostro
7	Nastro motorizzato L=2000 Wn=480
8	Rulliera Estensibile

Layout of the case taping line with the GEM 320 — drawing by the manufacturer Comarme S.r.l. (CNPI-95229), dimensions in mm.