tel. +38 044 225 93 72 · +38 067 566 0 566
kyuri@ec-cibo.kiev.ua · www.ect.kiev.ua
27 Vadyma Hetmana St., Kyiv, 03056, Ukraine

Automatic case taping machine COMARME GEM F470

Comarme S.r.l. (Italy) · versions F470 · F470S · F470G · HS · up to 1800 cases/h



The GEM F470 — photo by the manufacturer Comarme S.r.l.

Application

An automatic machine that closes the top flaps of the case itself and tapes the seam. Unlike a semi-automatic machine, the operator does not fold the flaps by hand — the case simply enters closed at the bottom and comes out taped.

Versions

The F470 and F470G take cases up to 600 mm long. The F470S is the short version with a 1500 mm base and a case up to 400 mm. The HS (High Speed) version runs at about 42 m/min and gives up to 1800 cases an hour instead of 1200.

Design

— automatic device closing the top flaps of the case;
— sheet side guards with access doors;
— infeed guard 940 mm long;
— upper guard and protection of the driving belts;
— manual setting for the case size.

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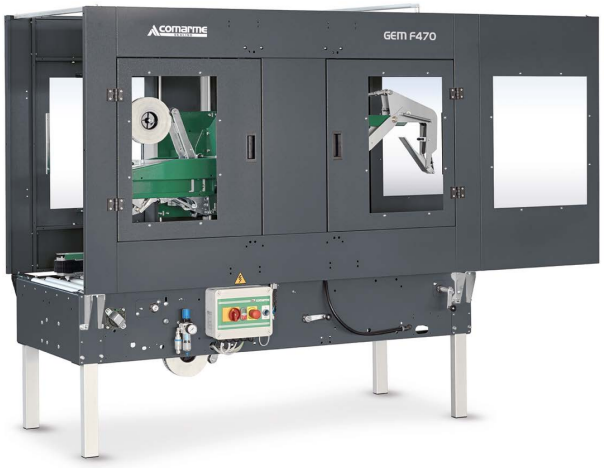
Technical data

Parameter	Value
Purpose	automatic taping of cases with closing of the top flaps
Case sizes, F470 and F470G	length 220–600 mm · width 100–500 mm · height 100–650 mm · flap 25–75 mm
Case sizes, F470S (short)	length 220–400 mm · width 100–400 mm · height 100–650 mm · flap 25–75 mm
Output	up to 1200 cases/h · the HS (High Speed) version — up to 1800 cases/h
Case travel speed	about 22 m/min · HS — about 42 m/min
Driving belts	side belts, 50 mm high
Size setting	manual
Taping head	top; standard configuration T22 / T23, tape from 38 to 50 mm wide
Tape overlap	T22 — 50 mm · T23 — 75 mm
Tape reel	maximum diameter 360 mm, inner 76 mm
Installed power	1 kW
Power supply	400 V three-phase 50/60 Hz; in the PLC version — 3 phase + N + PE
Protection class	IP54
Working air pressure	6 bar · consumption 2.5 Nl per cycle
Working temperature	from +5 to +35 °C
Working surface height	650 mm
Weight	293 kg
Dimensions (L × W × H)	1820 × 990 × 1782 mm; the base of the short F470S version is 1500 mm

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Execution

The machine is supplied in the standard and in the reverse (mirrored) execution by feed direction — to suit the existing line. Control is by an operator panel; in the PLC version the supply is three-phase with a neutral.



The GEM F470 fully guarded — photo by the manufacturer Comarme S.r.l.

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.