

CARTOBOL

ECOFILL PROBOX

Semi-automatic bag in box filler with automatic uncap and cap

Place the bag on the gripper claw and press start. The ECOFILL PROBOX uncaps, vacuums, fills, injects nitrogen and recaps the bag in one automatic cycle. It gives you the product protection and fill accuracy of a professional filler, without committing to a fully automatic line.



Auto

UNCAP + CAP

No manual tap handling

Vacuum + N₂

OXYGEN CONTROL

Vacuum, then N₂ pre-cap

Flow meter

FILL ACCURACY

Electromagnetic metering

CIP

CLEANING

Built-in clean-in-place

How it works

One button press, one automatic cycle



Load

The operator places the bag on the gripper claw and presses start. That's the only manual step in the cycle.



Uncap & vacuum

The machine removes the cap, then draws an air vacuum on the empty bag before any product goes in.



Fill, gas & cap

The bag is filled to the set volume, nitrogen is injected, and the cap is refitted, ready for the carton.

Key features

Automatic uncapping and capping

The tap is removed and refitted by the machine, taking a slow, repetitive job off the operator and giving a consistent closure.

Electromagnetic flow meter

Fill volume is metered by an electromagnetic flow meter fed by a centrifugal pump, for accurate, repeatable fills.

CIP cleaning and purge

A built-in clean-in-place program and advanced purge system make changeovers and end-of-day cleaning simpler.

Oxygen management

Pre-fill air vacuum and nitrogen injection before capping help protect colour, aroma and shelf life in wine and other sensitive liquids.

Touch screen control

Set capacity and fill parameters from the touch screen, so changing bag sizes is quick and doesn't need a technician.

Stainless and mobile

Stainless steel frame with adjustable roller table, box support and wheels, so the filler can move to where it's needed.



The semi-automatic range

	PROBOX	HT1 SW	HT2 SW
Filling heads	1	1	2
Cycle start	Button	Auto-detect	Auto-detect
Bag feed	Loose bags	Loose or web	Loose bags
Bag release	Manual	Automatic	Automatic
Vacuum + N₂	Yes	Yes	Yes
Best for	Flexibility	Hands-free starts	Higher output

Web = continuous bag feed. Ask Q-Pack for output figures for your bag formats.

ROOM TO GROW

Start semi-auto. Scale when ready.

When bag in box becomes a core format, Cartobol's automatic range takes the operator out of the loop.

ECOFILL MASTER
Automatic web-fed filler

FULL LINE
Erect, fill, close, palletise

Talk to Q-Pack about the ECOFILL PROBOX

Supply, installation, commissioning and local support across Australia and New Zealand.

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