PRODUCT SPECIFICATION

Robopac Robotape 50 CF Carton Sealing Machine



Description

The Robopac Robotape 50 CF is a semi-automatic, side-belt-driven carton sealing machine that tapes the top and bottom of cartons in a single pass. An automatic pneumatic top-flap folding device closes the flaps as the carton enters, so operators only need to feed the box — creating time-saving efficiencies in busy packing areas.

Conveyor height and width are adjusted manually to suit the carton, making it best suited to runs of uniform-size boxes. The machine uses industry-standard machine tape and is supplied by KB Packaging under SKU ROBO-50-CF with a 12-month return-to-base (RTB) warranty. It is a made-to-order item with a 10–12 week lead time.

Key Features

- Automatic top-flap folding device for fast, accurate and consistent closing of cartons
- Motorised side gripping belts drive the carton through at 22 m/min
- Tapes the top and bottom of the carton simultaneously in a single pass
- Manual height and width adjustment — ideal for runs of uniform-size cartons
- Uses industry-standard 48–72mm machine tape (PP/PVC or self-adhesive paper)
- Handles cartons from 150×110×110mm up to 650×500×500mm and up to 50kg
- CE marked and conforming to the Machinery Directive 2006/42/EC
- 12-month return-to-base (RTB) warranty included

Specification

Type	Semi-automatic carton sealing (case taping) machine with automatic top-flap folder
Manufacturer / Model	Robopac Robotape 50 CF
KB SKU	ROBO-50-CF
Drive	Motorised side gripping belts

Taping	Top and bottom simultaneously; 50mm taping heads as standard, 75mm optional
Conveyor Rollers	Steel
Carton Adjustment	Manual height and width adjustment
Utilities Required	400V 3-phase 50Hz + earth electrical supply and compressed air at 6 ± 1 bar
Machine Weight	320kg
Lead Time	10–12 weeks (made to order)
Warranty	12 months return-to-base (RTB)

Technical Data

Per the manufacturer's technical features table for the Robotape 50 CF.

Parameter	Unit	Value
Conveyor belt height	mm / in	50 / 2 (standard); 75 / 3 (optional)
Infeed speed	m/min	22
Tape width (taping head)	mm / in	50 / 2 (standard); 75 / 3 (optional)
Compatible machine tape width	mm	48 – 72
Tape leg (flap) length	mm / in	50 – 70 / 2 – 2.8
2 taping units per belt for PP/PVC tapes	—	Optional
Power supply	—	400V 3-Ph 50Hz + earth
Installed power	kW	0.4
Operating pressure	bar	6 ± 1
Air consumption	Nl/min	20

Workable Carton Dimensions

Parameter	Unit	Value
Minimum carton (L × W × H)	mm / in	150 × 110 × 110 / 5.9 × 4.3 × 4.3
Maximum carton (L × W × H)	mm / in	650 × 500 × 500 / 25.5 × 19.7 × 19.7
Maximum carton weight	kg / lbs	50 / 110.2

Machine Dimensions

Parameter	Unit	Value
Height (max)	mm / in	1625 / 63.9
Width (max)	mm / in	1026 / 40.3
Length (max)	mm / in	1972 / 77.6
Working height	mm / in	670 – 850 / 26.4 – 33.5
Machine weight	kg / lbs	320 / 705.5

Figures above are from the manufacturer's technical table. The kbpackaging.com listing quotes an installed footprint of 3040 × 1030 × 2090mm (L × W × H) with infeed/outfeed conveyors and safety guarding, and 2180 × 1030 × 2090mm without conveyors — allow for this footprint when planning floor space.

Compatible Consumables & Accessories

Current SKUs as listed alongside the Robotape 50 CF on kbpackaging.com:

KB SKU	Description	Pack
CPP990-P100	Machine Tape 48mm × 990m — Clear	Box of 6
SAPT48500	Machine Tape 50mm × 500m — Self-Adhesive Kraft Paper	Box of 6
ROBOTAPE-50-FEEDSET	Robotape 500mm Infeed and Outfeed Roller Set (one each end)	Set of 2

Installation & Operating Requirements

- **Compressed air:** a clean, dry supply at 6 ± 1 bar is required to operate the flap-folding device (approx. 20 Nl/min).
- **Electrical:** 400V 3-phase 50Hz supply with earth; installed power 0.4kW. Installation should be carried out by a qualified electrician.
- **Floor space:** allow for the full installed footprint with conveyors and guarding, plus safe operator access on the infeed side.
- **Carton suitability:** set height and width to the carton in use; machine is optimised for runs of uniform-size boxes.

Regulatory & Safety Compliance

CE Marking	The machine is CE marked, per the kbpackaging.com product listing.
Machinery Directive 2006/42/EC	The machine conforms to the Machinery Directive 2006/42/EC, per the kbpackaging.com product listing.
Machinery Regulation (EU) 2023/1230	Replaces Directive 2006/42/EC for machines placed on the EU market from 20 January 2027, with no transitional period. Request the manufacturer's updated Declaration of Conformity for units supplied on or after that date.

Source Documents

- Robopac Robotape 50 CF product listing, kbpackaging.com/product/robopac-robotape-50-cf-carton-sealing-machine/ (KB SKU, description, features, lead time, warranty and compatible consumables)
- Robopac — Robotape 50 CF Technical Features table (Caratteristiche Tecniche / Technical Features)

Note: KB Packaging is not the end user of the equipment it supplies. Confirming the suitability of this machine for a specific application, carton range and installation site, and compliance with any additional market-specific requirements, remains the responsibility of the end user. Specifications may be changed by the manufacturer without notice.