



Fig. 01 – COPAR collating & parcelling line

COLLATING & PARCELLING · OVER-WRAPPING

Collating & Parcelling Bundling Machine

COPAR · Fully Automatic Over-Wrapping Machine

A fully automatic machine that gathers loose packets into a neat, multi-pack bundle and over-wraps it in paper or film – ready for transit or the retail shelf.

Two modules do the work: a **Collator** that groups packets into two- or three-dimensional sets, and a **Parcellor** that cuts the wrap to length, then folds and seals it on every side.

Built from high-precision components with the right metallurgy and heat treatment, COPAR runs with low wear, long life and little maintenance — at up to 15 bundles a minute.

EST. 1960

ISO 9001:2015

50+ COUNTRIES

1,000+ INSTALLATIONS

15

BUNDLES / MIN

2

MODULES

3-D

COLLATION

PLC

PNEUMATIC CONTROL

THE PROCESS

Feed • Collate • Stack • Wrap • Seal

From loose packets to a wrapped bundle

Packets enter loose and leave sealed, carried automatically through five stages in one continuous flow.

01	Feed	Individual packets or product sets arrive on the VFD-driven infeed conveyor at an infinitely variable, stepless speed.
02	Collate	Pneumatic pushers gather the incoming packets and align them into a single, neat layer.
03	Stack	Base pushers and side brush-holders build the layers into a two- or three-dimensional bundle.
04	Wrap	A pusher feeds the bundle into the wrapping area, where Kraft paper or BOPP film is drawn around it and the long seal is made.
05	Fold & Seal	As the bundle travels on, folders form the side folds and seal the ends — delivering a finished, fully wrapped parcel.

ENGINEERED FOR QUALITY

PLC & proximity sensors

A pneumatic system under PLC control with solid-state proximity sensors for flexible, fail-safe, user-friendly operation.

Scissors-action cutting

Scissors-action knives shear film and paper cleanly for neat, reliable cuts at full speed.

Print registration

Keeps pre-printed paper or film in register so every bundle carries clean, consistent branding.

Stainless-steel contact parts

All components in contact with the product are made of stainless steel for hygiene and durability.

GOOD TO KNOW

Kraft paper or BOPP film

Wrap in Kraft paper for economical transit bundles, or BOPP film for a clear, retail-ready finish.

Quick reel changeovers

Special arrangements make loading and unloading film or paper reels fast and simple, for less downtime.

2

Two precision modules — a Collator and a Parcellor — work as one continuous, fully automatic over-wrapping line.

SPECIFICATIONS

COPAR

Technical Specifications

PERFORMANCE

Output	15 bundles / min
Collation	2-D or 3-D configurations
Product	Rectangular / square
Wrapping material	Kraft paper / BOPP film
Control	PLC + proximity sensors

DIMENSIONS & WEIGHT

Footprint (L×W×H)	3850 × 2400 × 2050 mm
Weight	≈ 750 kg

BUNDLE RANGE & UTILITIES

Bundle size — max	400 × 200 × 75 mm
Bundle size — min	150 × 70 × 40 mm
Reel width / diameter	≤ 510 / ≤ 400 mm
Reel core diameter	65 – 150 mm
Power supply	415 V, 3-Ph, 50 Hz · 1.5 kW
Compressed air	350 L/min @ 4–6 Bar

WHY MANUFACTURERS CHOOSE IT

- Fully automatic bundling at up to 15 bundles a minute
- Flexible 2-D / 3-D collation for many pack sizes
- Kraft paper or BOPP film — transit or retail-ready finish
- PLC-controlled, fail-safe, low-maintenance operation

DELIVERY & SUPPORT

Installation & commissioning

On-site set-up and start-up by MOI engineers.

Operator training

Hands-on training for operators and maintenance teams.

Spares & service

Genuine spare parts and ongoing maintenance support.

APPLICATIONS

Bundling cartons, soap & detergent packs, biscuit and food packets, cigarette packets and similar rectangular or square products — for consumer-goods, tobacco, food and pharmaceutical lines moving from manual to automated over-wrapping.