



SEMI-
LIQUIDS

Complete and fully automated solutions to pack your semi-liquids into lined containers

Your product

With over 60 years of know-how, we guarantee the very best handling and packing of your semi-liquids, oils & fats into lined containers from 5 up to 30kg.

Butter oil – palm oil – palm kernel oil – sunflower oil – coconut oil – peanut oil – margarine – low fat margarine – minarine – shortening – cocoa butter – cocoa butter substitute (CBS) – edible fats – specialty fats – frying fats – animal fats – processed cheese – fondant sugar – mayonnaise - ...

Line specifications

CAPACITY LINE

Single line: up to 15 cases / minute

Double line: up to 20 cases / minute

CAPACITY WEIGH FILLER

	ONE HEAD FILLER	TWO HEAD FILLER	2X TWO HEAD FILLER
Capacity cases	10 cases / minute	15 cases / minute	20 cases / minute
Capacity product	12 ton / hour	18 ton / hour	24 ton / hour

CONTAINER SPECIFICATIONS

	Mm	L	W	D (Height flaps up)
Containers	Min.	300mm	200mm	200mm
	Max.	400mm	300mm	500mm

For other capacities or requirements, please contact us.

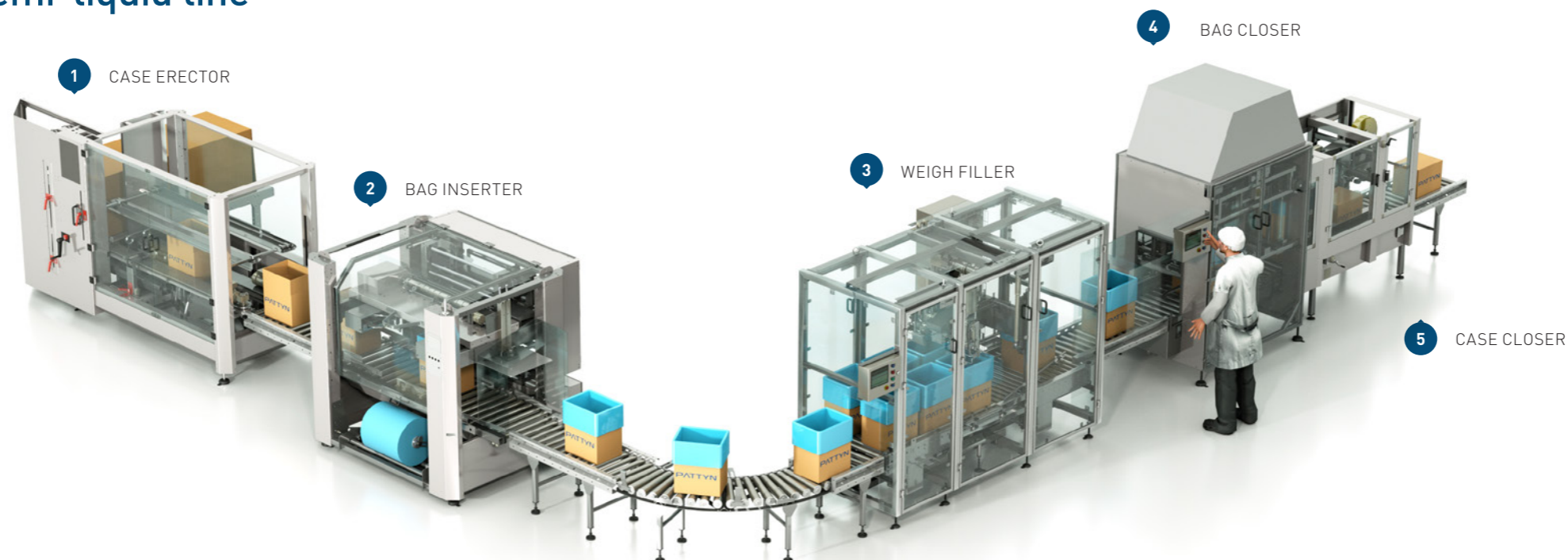
We have a complete range of packaging solutions at your disposal and we support you to find the most suitable solution for your needs.

You benefit from our experience with many types of semi-liquids and the polybag lining and filling of different containers such as cartons, boxes, crates, tins, pails, drums, metal cans and ring containers.

With the integration of a pail destacker and automatic lid placer, you run both boxes and tins or pails on one semi-liquid line.



Fully automated semi-liquid line



1. CASE ERECTOR

The **case erector** forms perfectly rectangular cartons and is available in tape or hot melt execution. Closing the bottom flaps with hot melt enables a trouble-free packaging process and continuous production.

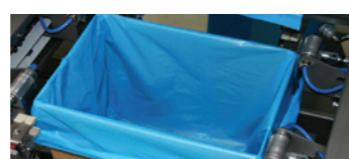
- Mechanical plunger for **perfect bonding**



2. BAG INSERTER

Inserting made-to-measure bags into containers, the **bag inserter** offers a low running cost.

- Curved corner seals for **leakproof block-bottom bags**, preventing solidifying product getting trapped into the corners of the bag
- Fully auto-adjustable, **no manual adjustments required** for format change
- Made-to-measure bags from a reel for **maximum autonomy**
- Controlled bag insertion



3. WEIGH FILLER

The **compact** and **most accurate weigh filler** minimizes your product giveaway

- Specially designed ultra light scales
- Standard jacketed and 90° curved valves ensure a **turbulent-free product flow**
- Weigh filling system with **fast / slow mode** and **self regulated valve closing** for automatic after-fall correction



4. BAG CLOSER

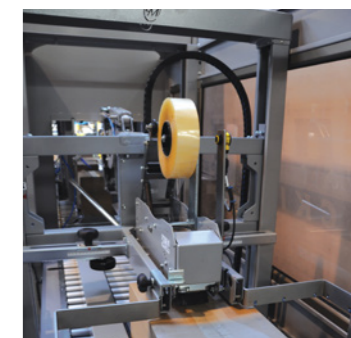
The **bag closer** provides perfectly closed bags protecting your product.

- High speed
- **Bag leakproof sealing**, with vacuumizing and gasflushing options, or **bag overlap folding**



5. CASE CLOSER

The software of the **case closer** is fully integrated in the bag closer to maximize operator convenience.



OEM EQUIPMENT

Possibility to integrate OEM equipment and end of line solutions: check weigher, metal detector, X-ray detector, labeller, palletizer...



Our expertise, your added value

With our unique expertise in the packing and filling of semi-liquids into lined containers, we provide a valuable contribution to the optimization of your packaging process. You rely on specialists, supporting you to find **the right solution from case erecting to case closing**.

We also integrate end of line and OEM equipment, taking **full responsibility** of the complete line.

One contact person is responsible for the follow-up and planning of your semi-liquid project. From the order confirmation till the installation you receive full **personalized support**.

Close relationships matter. With our worldwide network of Business Partners you benefit from **local customer service and support**.

Satisfied customers

Mr. Ooi, Senior Plant Manager
Consumer Pack of Wilmar
International

“Because of our long-term orientation to automate our packaging processes with the latest technology, we selected Pattyn Packing Lines as a partner and supplier.”

Mr. Rizwan, Managing Director
IFFCO

“We are very pleased with the most flexible and professional approach of Pattyn Packing Lines. They are not only specialist in bulk packaging and filling of semi-liquids, but also have extensive experience in high speeds”



You make us grow

Since the foundation in 1952, Pattyn hasn't stopped growing and keeps investing in the future.

In 1979 we installed the first complete semi-liquid packaging lines for Unilever, today we have over 200 complete semi-liquid lines running throughout the world. Always caring about your investment and continuity of your line, our ultimate goal is to reduce your running cost.

Responsive Box Lining

As a pioneer and market leader in box lining solutions, Pattyn responds continuously to the market demands. For every need, we offer the right solution to pack and weigh fill your semi-liquid into lined containers.

With more than 300 employees and 35 Business Partners, the Pattyn Group supports more than 1000 customers worldwide.

We look forward to sharing our knowledge with you.

Pattyn Packing Lines nv

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