PATTYN®



TOBACCO XL LINE

Complete and fully automated solutions to pack your bulk tobacco into lined containers

Your product

With over 40 years of know-how, we guarantee the very best handling and packing of your tobacco products into pallet containers.

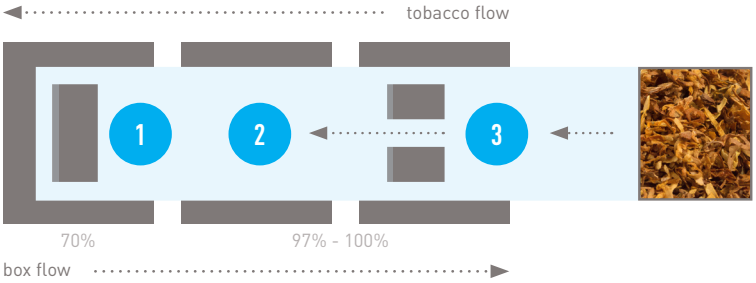
Cut tobacco – expanded tobacco – reconstituted tobacco

Line specifications

Line with 1 filler: up to 6 ton / hour
Line with 2 fillers: up to 12 ton / hour

Unique filling concept

Multiple filling stations, combining high capacity (up to 6 ton/h) with high accuracy (up to 100gr).



1. **First filling station**
   bulk filling + temporary buffering
2. **Compacting station**
   using vacuum technology
3. **Fine filling station**
   2 shutter valves for high accuracy

FULL PRODUCT PROTECTION

- Preservation of major quality parameters during packaging process, such as fill value, quality ratio and moisture content
- Guaranteed 100% infestation safe
- Compacting tobacco without degrading thanks to vacuum technology

CONTAINER SPECIFICATIONS

	Mm	L	W	D (height flaps up)
Small containers	Min.	400mm	300mm	200mm
	Max.	800mm	500mm	650mm
Big containers	Min.	800mm	500mm	650mm
	Max.	1400mm	1300mm	1500mm



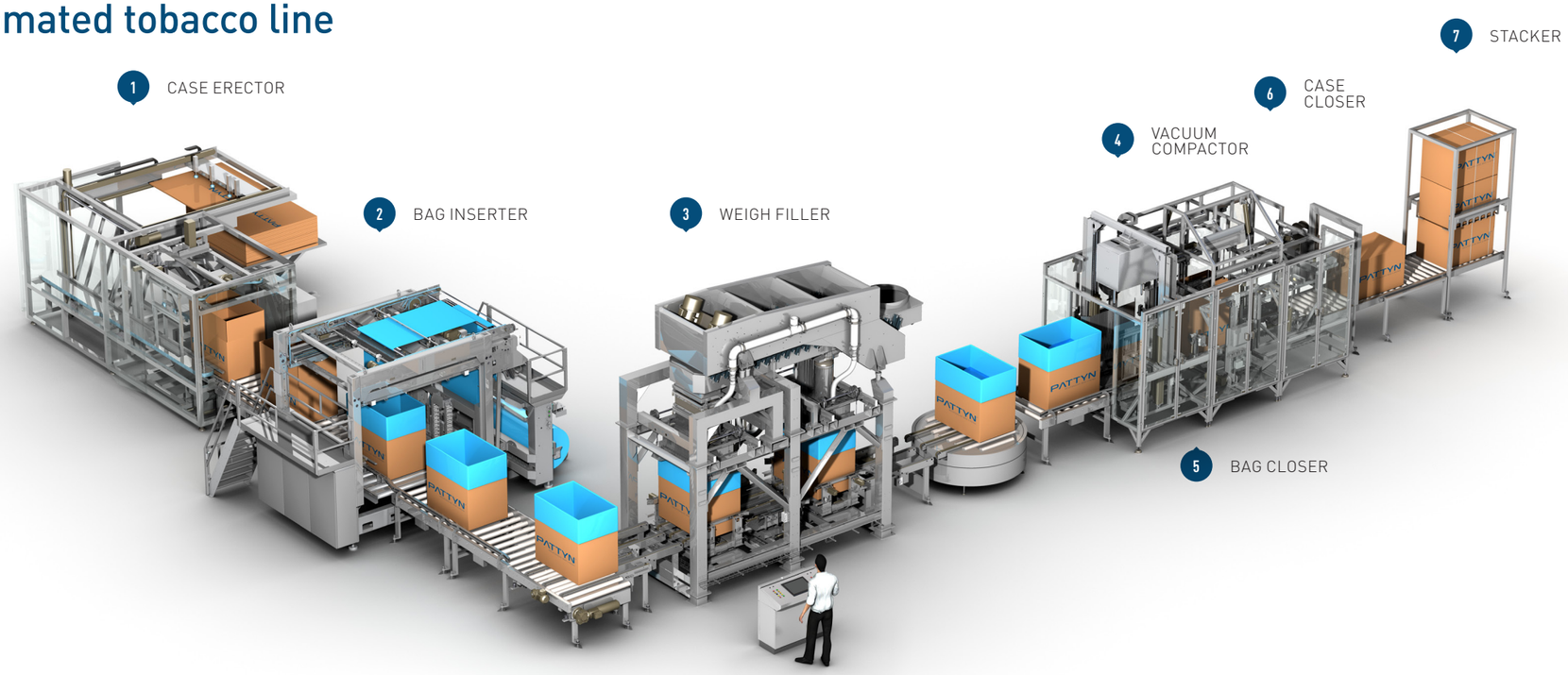


For other capacities or specific requirements, please contact us. We have a complete range of packaging solutions at your disposal and we support you to find the most suitable solution.

You benefit from our extensive experience in polybag lining and weigh filling of different containers, such as C30, C48, C90, C96 boxes and cutfiller bins.

With the integration of a bin stacker, bin destacker and logistic follow-up through RFID you run both boxes and cutfiller bins on one tobacco line.

Fully automated tobacco line



1. CASE ERECTOR

The **case erector** automatically forms virgin and re-used telescopic and non-telescopic boxes.

- Use of small hot melt dots to close the bottom flaps of virgin cases
- Use of a separate flap braker module to handle boxes with flaps down
- Automatic pallet exchange (optional)



2. BAG INSERTER

The **bag inserter** is a perfect solution to make and insert bags **automatically and ergonomically** into different containers.

- Made-to-measure bags from a reel for maximum autonomy
- Perfect bag insertion thanks to the integrated air plunger system



3. WEIGH FILLER

The unique and very accurate **weigh filler** combines tobacco filling into boxes and bins on one line.

- Multiple filling stations, combining **high capacity with high accuracy**
- Flaps up filling principle for **minimal spillage < 0,05%**
- Dust emission below 3mg /m3
- Compacting ratio up to 1.8



- You preserve product quality thanks to the use of vacuum compacting technology



4. VACUUM COMPACTOR

Vacuum compactor to compact the tobacco, preserving product quality.



5. BAG CLOSER

The **bag closer** perfectly protects your product.
Bag sealing with vacuumizing options, or bag folding.
Flaps down closing (optional).



6. CASE CLOSER

The **case closer** automatically closes the flaps and controlls the box in the strapping unit.

7. STACKER

Possibility to integrate end of line solutions:
labeller, strapper, stacker, palletizer, ...



Our expertise, your added value

With our unique expertise in the packing and filling of bulk tobacco 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 equipment (such as a labeller, strapper, palletizer, product & box conveyor systems...) taking **full responsibility** of the complete line.

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

Satisfied customers

Mr. Sean Callahan,
Engineering Manager BAT

"The introduction of the Pattyn equipment has allowed BAT to utilise their resources effectively in other areas and to reduce their costs."

You make us grow

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

More than 20 years ago we installed the first complete tobacco line, today we have many complete lines running throughout the world. Always caring about your investment and the continuity of your line, our ultimate goal is to obtain full customer satisfaction.

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 bulk tobacco products into lined containers.

With more than 270 employees and 35 Business Partners, the Pattyn Group supports more than 900 customers worldwide.

We look forward to sharing our knowledge with you.

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PATTYN®

Turnkey solutions for industrial packaging.