Excellence
through experience

C6→C5
#7 3/4→6 x 9

26,000 env/h

2 mm/0.08"

≥ 1 channel

100,000 sheets/h

7 mm/0.28"

TURBO8G

The eighth generation
represents perfection

Since introducing the first Turbo in 1976, BÖWE SYSTEC has continuously updated and developed its concept. For the design of the eighth generation, the focus was put on the availability of the systems and the controlling of the production process. In line with these market requirements, the eighth generation of Turbo features more than 50 technical improvements. Amid all these innovations, Turbo 8G retains its successful qualities, like gentle handling through vertical transport, shortest set-up times through fully automated job changeovers and modularity – and all this while maintaining the highest level of integrity and a throughput of up to 26,000 or 22,000 envelopes per hour.

The **Turbo inserting concept** guarantees fast, gentle and intelligent processing

Throughput of either up to 26,000 envelopes (Turbo 8G 26k) or 22,000 envelopes per hour (Turbo 8G 22k)
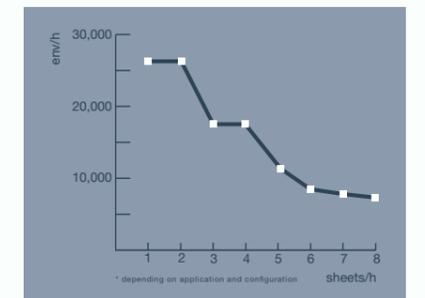
Highly flexible in processing enclosures

Roll feeding of envelopes employing the envelope roller Tornado, specifically developed for the Turbo

Universal **modularity** makes it fit into all locations

The Turbo inserting concept
Fast, gentle and intelligent processing

Vertical transport of materials ensures secure guiding and fast, precise handling of documents. This process reduces wear and tear on the material, but also on the machine, guaranteeing reliable performance in continuous operation. For Turbo 8G, the transport speeds have been harmonized. This improves continuity of the process and enables the processing of high print volumes within the shortest time. Highest integrity is achieved by utilizing sensors to locate and identify every document within the system.
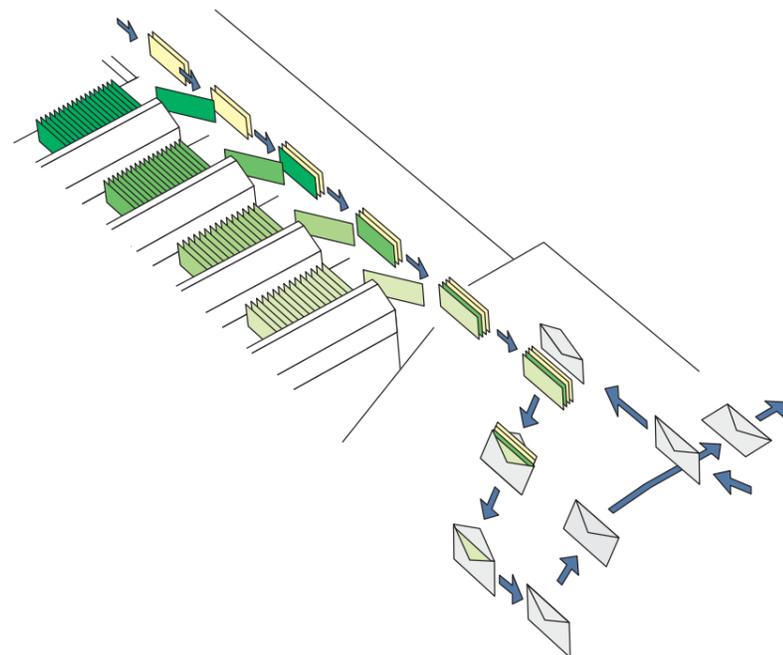
The new Turbo generation also offers new intelligent features:

> The inserting system adjusts the speed according to the size of the document

> Event-triggered stop function ensures that the system only stops when absolutely necessary

set, e.g. slowing down when processing thicker sets

> User defined tolerance settings allow the diverting of faulty enclosures and envelopes without stopping the system

A sophisticated system
at two different speeds

Turbo 8G offers integrity, flexibility and productivity at the highest level for high volume mail processing. From document infeed to enclosure handling and post-processing, all production steps are perfectly integrated. This remarkable system is available in two performance classes.

One system, two speeds:
At a capacity of up to 26,000 envelopes per hour, the **Turbo 8G 26k** is perfect for single-channel applications and high volume jobs with low page count per envelope.

The competitively priced **Turbo 8G 22k** with a capacity of up to 22,000 envelopes per hour is ideal for complex single- and multi-channel applications or high volume jobs.

In case mailroom requirements change, upgrading the Turbo 8G 22k to 26k is easy.

22,000
env/h

0   26,000

Extraordinary flexibility
in enclosure handling

Enclosure handling is becoming one of the most complex tasks in the mailroom. The challenge being to find a way to handle enclosures made of different materials in the shortest possible time. Frequently varying enclosures or thin, glossy and heavy quality paper are the challenges faced every day. Our solution is the enclosure feeder 5553 with automated and reproducible settings.
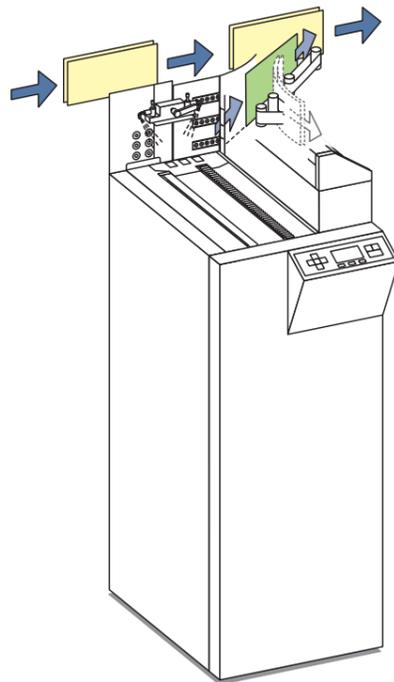
Reducing the number of set-up procedures significantly increases the productivity of the whole system. This enclosure feeder comes with a so-called "teach-in" option, measuring thickness and width of the enclosure to be processed at the touch of a button and automatically setting up the feeder accordingly. An important functionality for mailrooms handling a wide range of applications and constantly differing enclosures.

> Enclosure changeover at the touch of a button

> Electronic, self-adjusting thickness control

> All set-up information reproducible

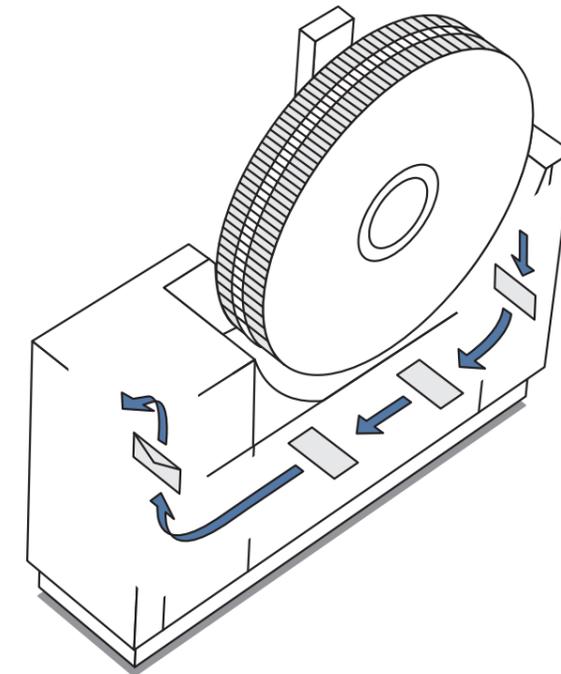# Tornado envelope unwinder
Efficient roll feeding

The Tornado will streamline the efficiency of any mailroom: Specifically designed for the Turbo 8G series, the unwinder for continuous infeed of envelopes ensures high productivity. The Tornado automatically feeds envelopes into the inserting system in a continuous flow for a prolonged period of time, resulting in reduced operator workload and a clear increase in efficiency in the mailroom.

> High productivity with a maximum speed of up to 24,000 envelopes per hour

> Capacity (per roll) of up to 25,000 envelopes in C5 format or up to 40,000 envelopes in C6/5-, DL formats respectively

> Perfect for higher volume projects with standard envelopes; for custom formats, the envelope feeder remains available

> Automatic envelope infeed reduces operator workload

> Minimizes stock requirements for envelopes

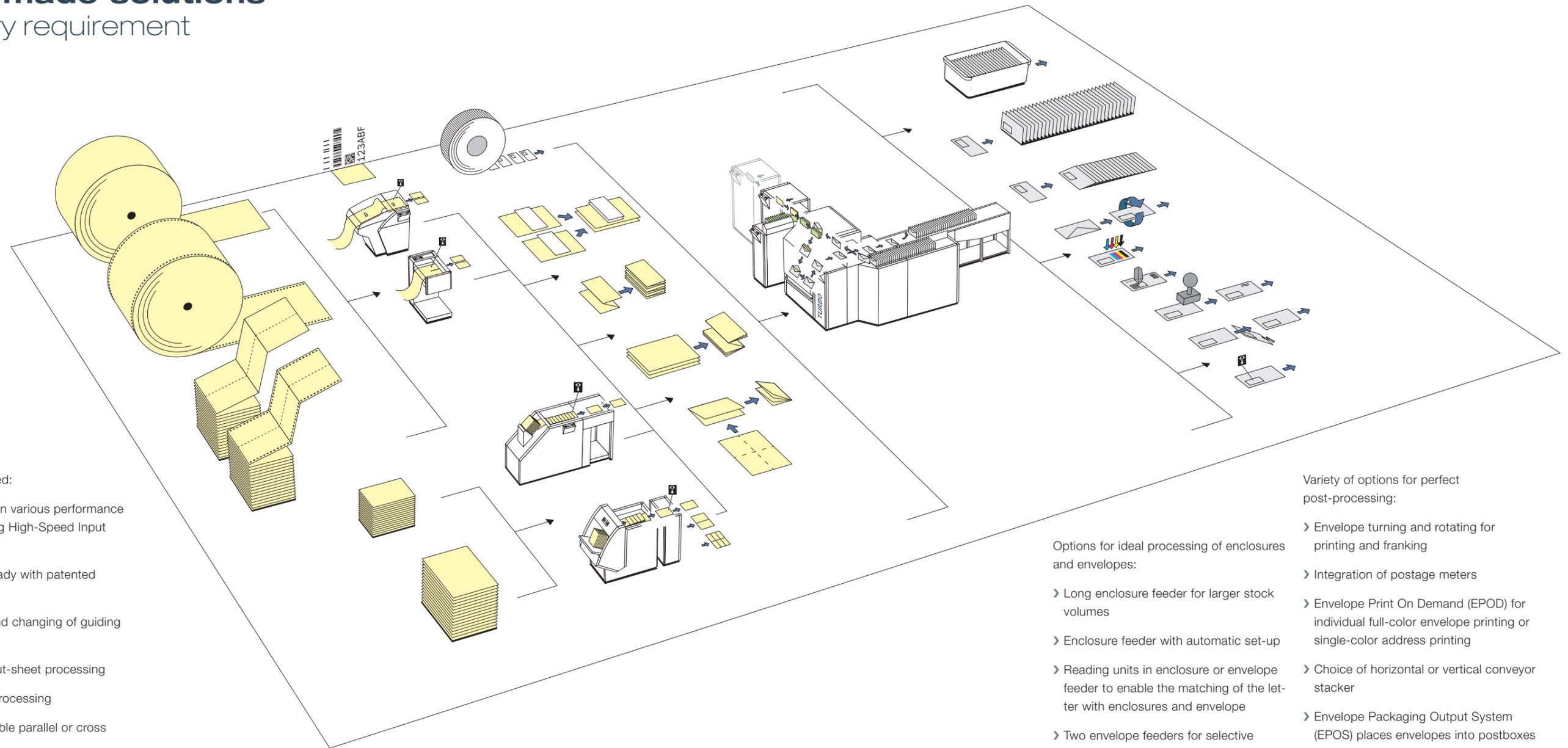> Installation and retrofitting for Turbo 8G systems possible at any time

Tailor-made solutions
for every requirement

Highly flexible infeed:

› Infeed channels in various performance classes, including High-Speed Input Channel

› Multi-channel-ready with patented auto-sync

› Free selection and changing of guiding channels

› Continuous or cut-sheet processing

› 1-up and 2-up processing

› Z, C, single, double parallel or cross folds possible
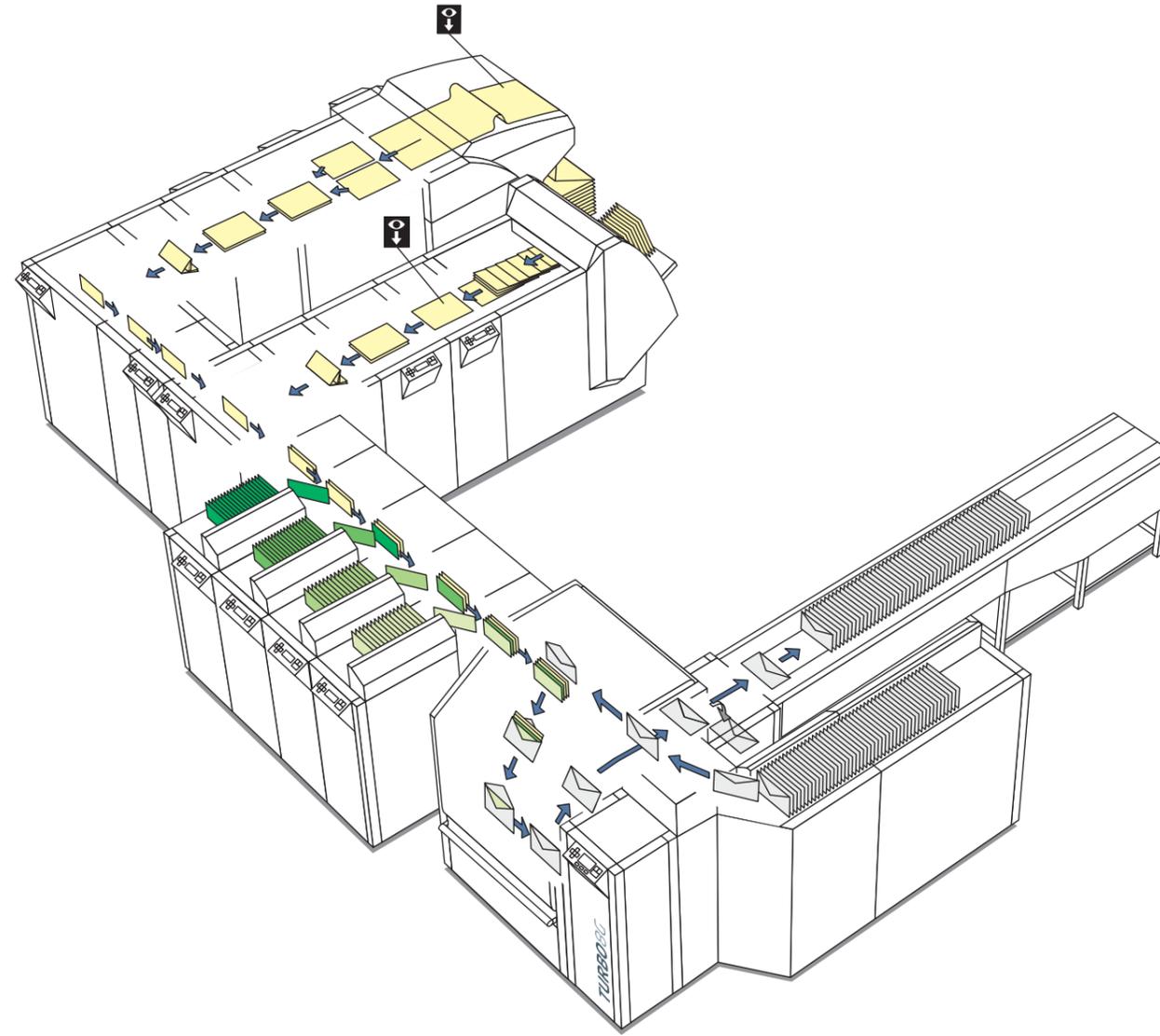
› Assembling before and/or after folding

Options for ideal processing of enclosures and envelopes:

› Long enclosure feeder for larger stock volumes

› Enclosure feeder with automatic set-up

› Reading units in enclosure or envelope feeder to enable the matching of the letter with enclosures and envelope

› Two envelope feeders for selective envelope feedings

› Automatic continuous envelope infeed with Tornado envelope unwinder

Variety of options for perfect post-processing:

› Envelope turning and rotating for printing and franking

› Integration of postage meters

› Envelope Print On Demand (EPOD) for individual full-color envelope printing or single-color address printing

› Choice of horizontal or vertical conveyor stacker

› Envelope Packaging Output System (EPOS) places envelopes into postboxes

› Sorting and diverting modules with or without stacking

BÖWE SYSTEC 2013/2014

Inserting

Card Logistics and Mailing

Options for Inserting and Card Mailing

Self-Mailing

Sorting

Software

Service

Technical Data

Max. performance

C6, B6, B6+, DL, C6/5	up to 26,000 env/h	C5	up to 22,000 env/h
#7 3/4, #10		6 x 9	

Documents from the infeed channel

Width	148 mm - 235 mm (1-up)	Height	3.5" - 16"
	148 mm - 220 mm (2-up)		
Paper weight	70 - 160 g/m²		

Enclosures

Max. number	14 feeders		
Width	125 mm - 220 mm	Height	70 mm - 153 mm
Thickness	0.06 mm - 2 mm	Paper weight	60 - 160 g/m²

Envelopes

Width	160 mm - 248 mm	Feeder capacity	approx. 2,700 env.
Height	90 mm - 162 mm	Paper weight	75 - 100 g/m²

Max. inserting package

Height	up to 7 mm