Keep it simple
at high speed

C6→C5

26,000 env/h

up to 2 mm

1 channel

44,000 sheets/h

up to 7 mm

TURBOBLACK

Unbeatable speed
Impressively low cost

Small, fast, chic and very attractively priced: Turbo Black. As the smallest and most efficient system in its class with a performance of up to 26,000 envelopes per hour, Turbo Black is considered to be the ideal entry-level machine in the high-performance segment. Because Turbo Black exclusively processes by assembling after folding, Turbo Black is ideally suited for jobs with low page count. Depending upon requirements, the Turbo Black is available in four standardized configurations.

m²

In spite of the extremely **small footprint** Turbo Black has the capabilities of a high-performance system

Depending on the material, Turbo Black is available **in four infeed channel variants**

€

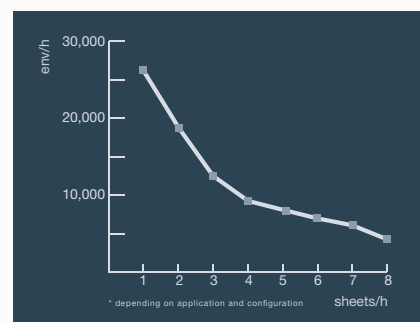**The low investment cost** makes Turbo Black the perfect solution for mid-range applications

drupa configuration

Option:
Minimization of changeover times and
increase of productivity through **BIPS**

Option:
VEKtor lean as the cost-effective
camera reading

env/h

30,000

20,000

10,000

1 2 3 4 5 6 7 8

* depending on application and configuration   sheets/h

Concentrated Power
Moderate investment

With a throughput of up to 26,000 envelopes per hour Turbo Black delivers impressive performance on an extremely small footprint. Made of standardized components of the Turbo series, Turbo Black ensures simple handling and cost-efficient processing with comprehensive integrity. In addition, the concept of the Turbo Black allows for an unbeatable purchase price.

€

Optimal price-performance ratio:

> Proven Turbo technology

> Highest performance inserting system with up to 26,000 envelopes per hour

> With approx. 12 m² it has the smallest footprint in comparison with other suppliers

> Processing of continuous forms or cut-sheet paper

> 1-up and 2-up processing

> Assembling after folding

> Upgrade-packages for assembling before folding

> Suitable for more complex applications

> Optimal for smaller companies or jobs with low page count per envelope

> Security and integrity in the complete operating process

VEKtor lean
The cost-effective reading solution

As an economic alternative to more expensive line-scan solutions, VEKtor lean offers an area-scan camera capturing all common codes, logos and images. Each camera captures a distinct Region Of Interest (ROI). With three different configuration levels, VEKtor lean offers the right camera reading solution for every mailroom.
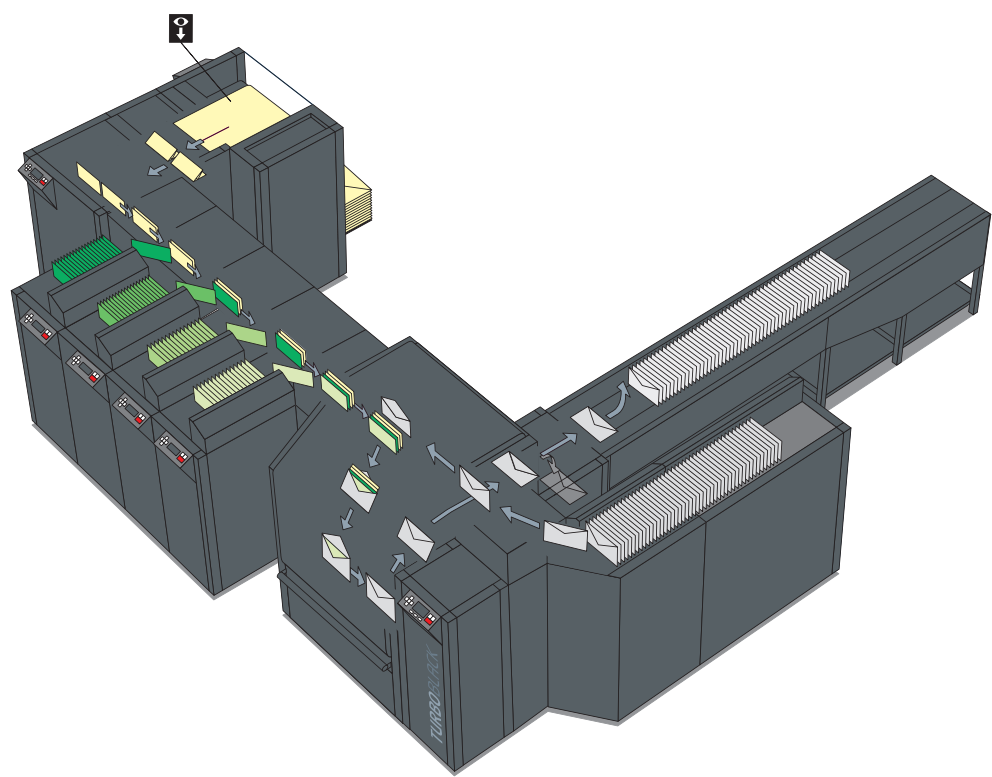
VEKtor lean is offered in three configuration levels – and that is exactly what makes this solution so attractive: The customer only pays for the application required while still being able to upgrade at any time.

› Dust-proof housing with integrated optics and powerful lighting

› Position of sensor head is freely selectable and easily adjustable

› Big scan area of 72 mm x 54 mm

› High resolution of 1,034 x 779 pixels

› Complete integration in system operation

› Retrofit possible at any time

Configuration level	2D	Logo	Barcode	OCR
1	●			
2	●	●	●	
3	●	●	●	●

Technical Data

Configuration I (drupa configuration)**:**

Documents from the infeed channel

> Continuous forms
> Pinfeed
> 2-up
> Up to 44,000 sheets/h
> Width net: 148 mm - 220 mm (per column - 2-up)
> Height net: 3.5" - 16"
> Paper weight: 70 - 160 g/m^2
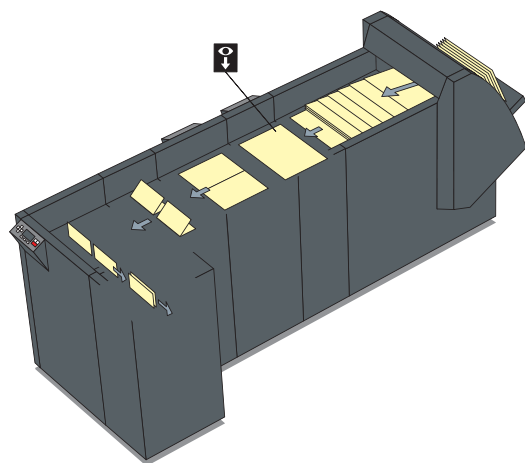
Configuration II:

Documents from the infeed channel

> Continuous forms
> Pinless
> 2-up
> Up to 39,000 sheets/h
> Width net: 148 mm - 220 mm (per column - 2-up)
> Height net: 3.5" - 16"
> Paper weight: 70 - 160 g/m^2

Max. performance

C6, B6, B6+, DL, C6/5	Config. I - III up to 26,000 env/h Config. IV up to 22,000 env/h	C5	up to 22,000 env/h

Enclosures

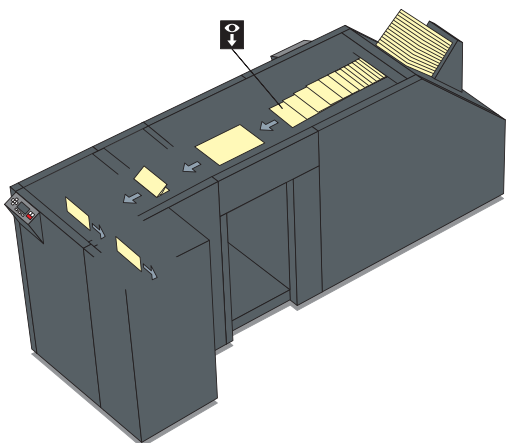|			
Max. number	14 enclosure feeders		
Width (standard configuration)	125 mm - 220 mm	Height (standard configuration)	78 mm - 153 mm
Width (drupa configuration)	148 mm - 220 mm	Height (drupa configuration)	70 mm - 153 mm

Configuration II:

Documents from the infeed channel

› Cut-sheet processing

› 2-up

› Up to 44,000 sheets/h

› Width gross: 210 mm - 430 mm
Width net: 148 mm - 215 mm (per column - 2-up)

› Height gross: 8" - 14"
Height net: 4" - 14"

› Paper weight: 70 - 160 g/m^2

Configuration IV:

Documents from the infeed channel

› Cut-sheet processing

› 1-up

› Up to 22,000 sheets/h

› Width: 148 mm - 220 mm (1-up)

› Height: 6" - 14"

› Paper weight: 70 - 160 g/m^2

Thickness (standard configuration)	0.08 mm - 1.8 mm
Thickness (drupa configuration)	0.06 mm - 2 mm

Paper weight (standard configuration)	70 - 160 g/m^2
Paper weight (drupa configuration)	60 - 160 g/m^2

Envelopes: C6 - C5

Width	160 mm - 248 mm
Height	90 mm - 162 mm

Feeder capacities	approx. 2,700 envelopes
Paper weight	75 - 100 g/m^2

Max. inserting package

Height	up to 7 mm