OPITZ PACKAGING SYSTEMS

FOLDING BOX VOLUME REDUCER VARIO 558

Reducing costs and improving processes by volume optimization

- economical
- safe
- eco-friendly
- flexible
- high quality

smart packaging technology

SCOPE OF APPLICATION

The rapidly growing courier, express and delivery sector doesn't only offer great opportunities, but also poses a challenge for mail order companies: vast amounts of folding boxes have to be processed and transported to the consumer quickly and safely, which leads to an exponential increase of the costs for personnel, packaging / filler material and transportation.

OUR SOLUTION

Optimize your packaging process with our patented Volume Reducer Vario 558. The fully automatic machine determines the minimum necessary volume of folding boxes depending on the height of the goods inside, reduces the packaging height accordingly and finally closes / seals the box. This procedure decreases the amount of air inside the closed box by 85% and therefore enables considerable cost savings for filler material like air foil. The ability to process different box formats at varying sequences at the same time makes our Vario 558 unique in the market and offers high potential for mail order companies.

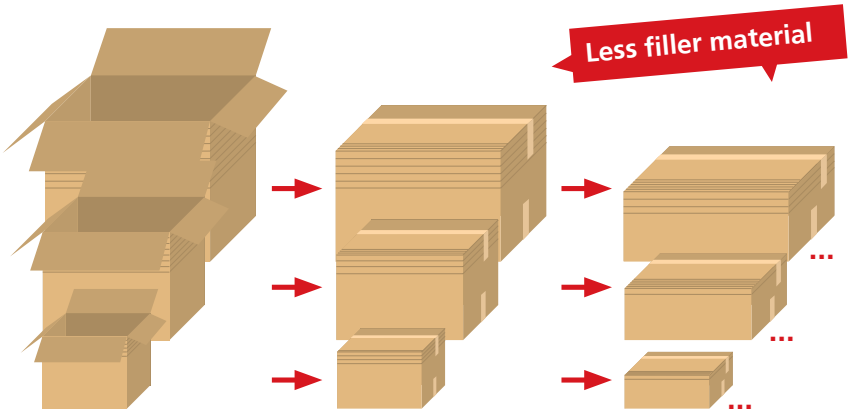
YOUR BENEFITS

- volume-optimized packaging
- reduced costs in transport, filler material and personnel
- handling of different formats at varying sequences
- highest quality and reliability
- environmental friendliness
- low payback period

CONVENTIONAL PACKAGING

- Storage and administration of various templates
- Abundant filler material
- High costs in storage and transport

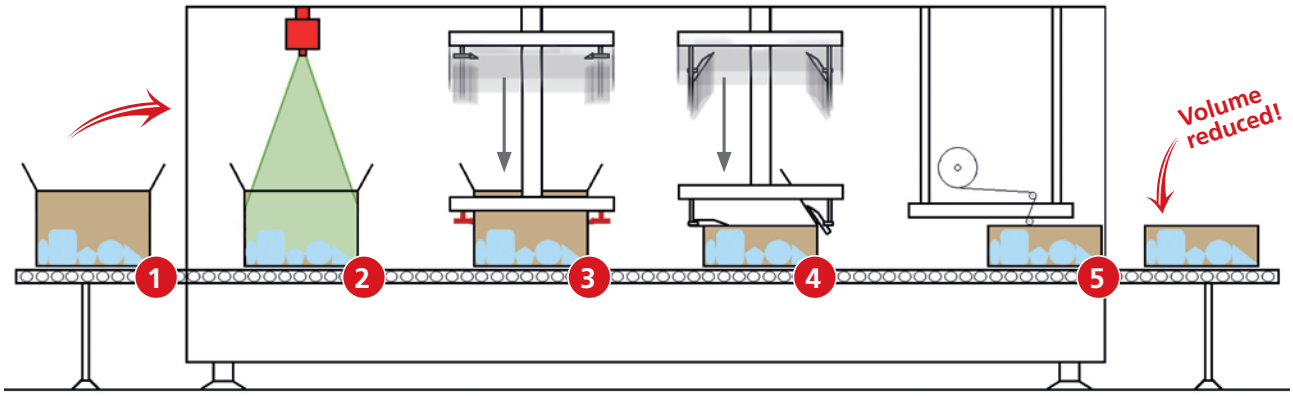
WITH OPITZ VOLUME REDUCER



- Few basic formats – e.g. 3 templates
- Various folding box versions
- Resources- and cost-saving

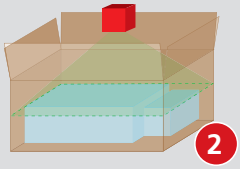
FUNCTIONAL DESCRIPTION OF THE VARIO 558

Our Volume Reducer Vario 558 is the responsible and modern solution for the challenges of e-commerce and mail order companies. It can contain automation and data exchange technology (industry-4.0), allowing documentation, analysis and communication. It's principle of operation protects important resources and the environment and saves costs without causing waste of material.

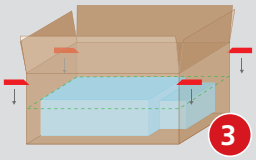


INTERFACE
infeed of a FEFCO 0201 folding box packed with goods

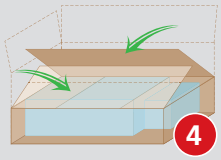
DETERMINING FILLING HEIGHT
camera system detects the highest point of the good



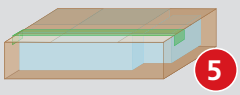
REDUCING
safe and dust-free cutting into the box corners by special blades without waste



FOLDING
folding the flaps of the cut box



SEALING
eccentrical closing of the flaps with self-adhesive or gummed tape seal



FULLY AUTOMATIC SEALING OF FOLDING BOXES WITH HIGHEST QUALITY

OPITZ packaging machines are characterized by their high quality, operator convenience and industrial suitability. Our customized systems consist of solid welded frames and exclusively include components of highest quality and reliability.

Automation of the packaging process ensures precise, economical and gentle sealing of the folding box, which is the precondition for automatic palletizing and safe transport to the customer. In addition, we offer appropriate solutions for all closing requirements: as a leading specialist in the market, OPITZ can meet demands for dust-tight, tamper-evident, permanent and environmental friendly sealing of folding boxes.

Technical data

output	
boxes / minute:	up to 10 at varying sequence
standard format	
length	300 – 600 mm
width	200 – 500 mm
height	110 – 500 mm

more formats on request

THE DOUBLE-PLUS FACTOR

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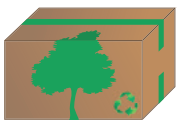

OPITZ
Wet adhesive tapes are made of sustainable raw materials and can be fully recycled

Do you want more information? We will gladly advise you! Tel: +49 (0) 55 53 / 99 38-0 – info@opitz-packaging-systems.de