

Counting technology of the future



1 - 510 cards
within seconds



100% integrity



85,60 x 53,98 mm
3 3/8" x 2 1/8"



patented
camera



various plastic
card types



interface to connect
to control level

GOLDFINGER

High-precision counting

for plastic cards

Determining the precise number of cards is essential at every stage of the production process of plastic cards. Existing counting technology can handle most cards – but not all of them. Whenever today's technology reaches its limit, time-consuming and error-prone manual recounts are necessary to ensure accuracy. Enter Goldfinger – BÖWE SYSTEC's new card counting system with its patented counting technology. Using a new micro-imaging reading head technology with four different light sources, Goldfinger enables accurate differentiation from card to card and accurate counts of different plastic card types. Extensive programming operations are not necessary. This results in increased integrity in the manufacturing process as well as in increased workflow efficiency.



With **patented camera technology**, different types of plastic cards can be counted reliably



Counting from **one up to max. 510 cards**, whether with or without box, common or rare card types – no card remains uncounted



The patented reading head uses four technologies simultaneously and guarantees full **integrity**



Automatically counts all types of plastic cards within seconds for increased **workflow efficiency**



Simple usage and ergonomic operation



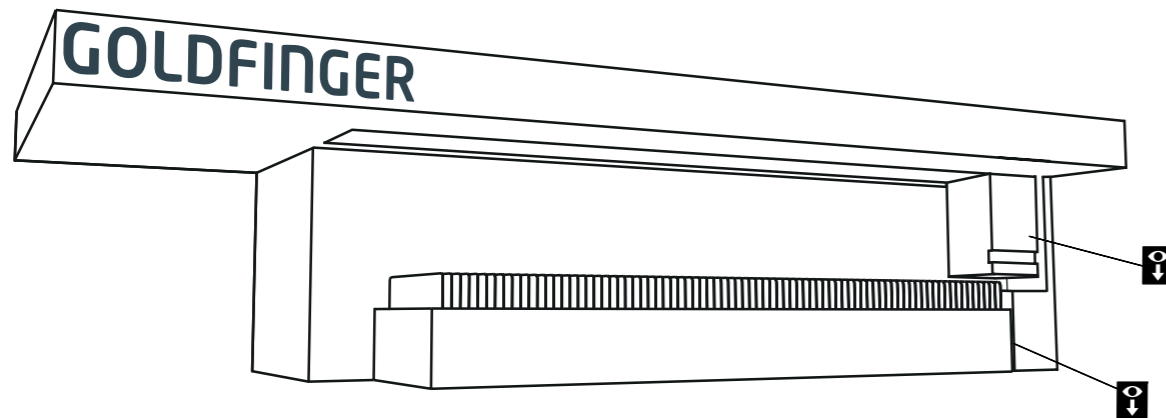
The **compact desktop unit** is immediately ready for use in any workplace

No task is too complex

Goldfinger is used wherever integrity is required. Cards can now be counted automatically with BÖWE SYSTEC's patented camera technology. A total of four different light sources, each reflecting differently on the surface of the card deck, accurately identify the transition from card to card. Highly reflective, light absorbing, transparent, burr-free as well as common cards can all be accurately counted.



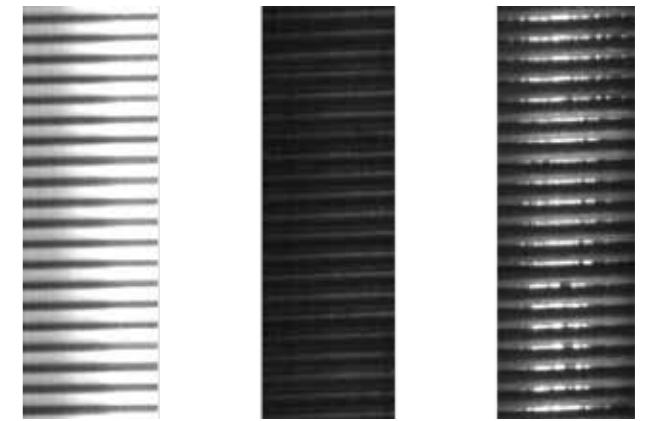
- › As a tabletop unit Goldfinger can be easily integrated in every workplace
- › Goldfinger counts different types of plastic cards within seconds
- › True counting, not a mathematical interpolation process
- › Counting of up to 510 cards
- › Various card boxes can be used – even small amounts of cards are counted quickly and accurately, with or without box
- › Optional 1D barcode scanner reads the barcode labels on the card boxes to ensure highest integrity
- › User starts the counting process simply and ergonomically by swiping his hand across a sensor; no reading set-up needed
- › Display of counting results and status within seconds
- › Interface for archiving counting and reading result for control level



Card counting safer than ever before

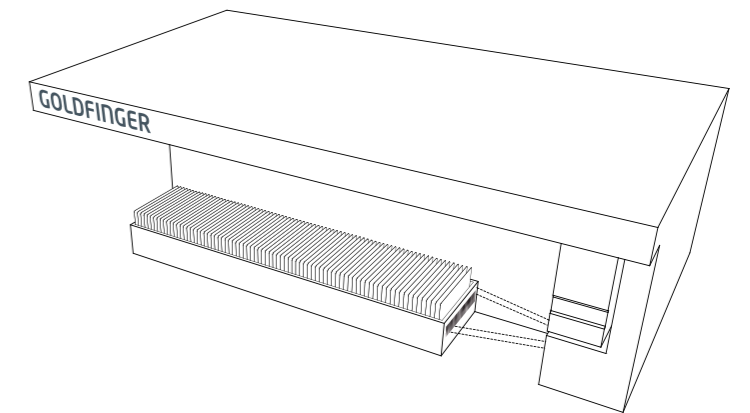
1 World-class reading technology

- › Optical specifications of cards may vary, so that one technology alone cannot guarantee 100 percent integrity
- › Therefore the patented reading head does not rely on a single existing technology, it uses four to ensure that all cards are accurately counted
- › The high-quality, intelligent topSenso camera with its micro-imaging reading head technology can be used to count a stack of up to 510 cards



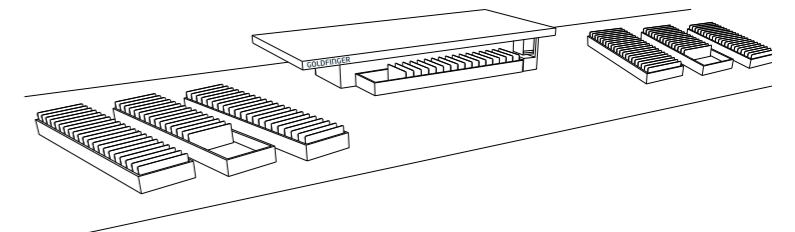
2 No risk of mixing up box and contents

- › The system is optionally equipped with a 1D barcode scanner to read the barcode labels on the card boxes and to ensure high integrity; it transfers all recorded data together with information on the card type and counting results to the control level via an Ethernet interface
- › A new label showing the same box code and the updated number of cards can be printed on a separate printer and then be affixed to the box

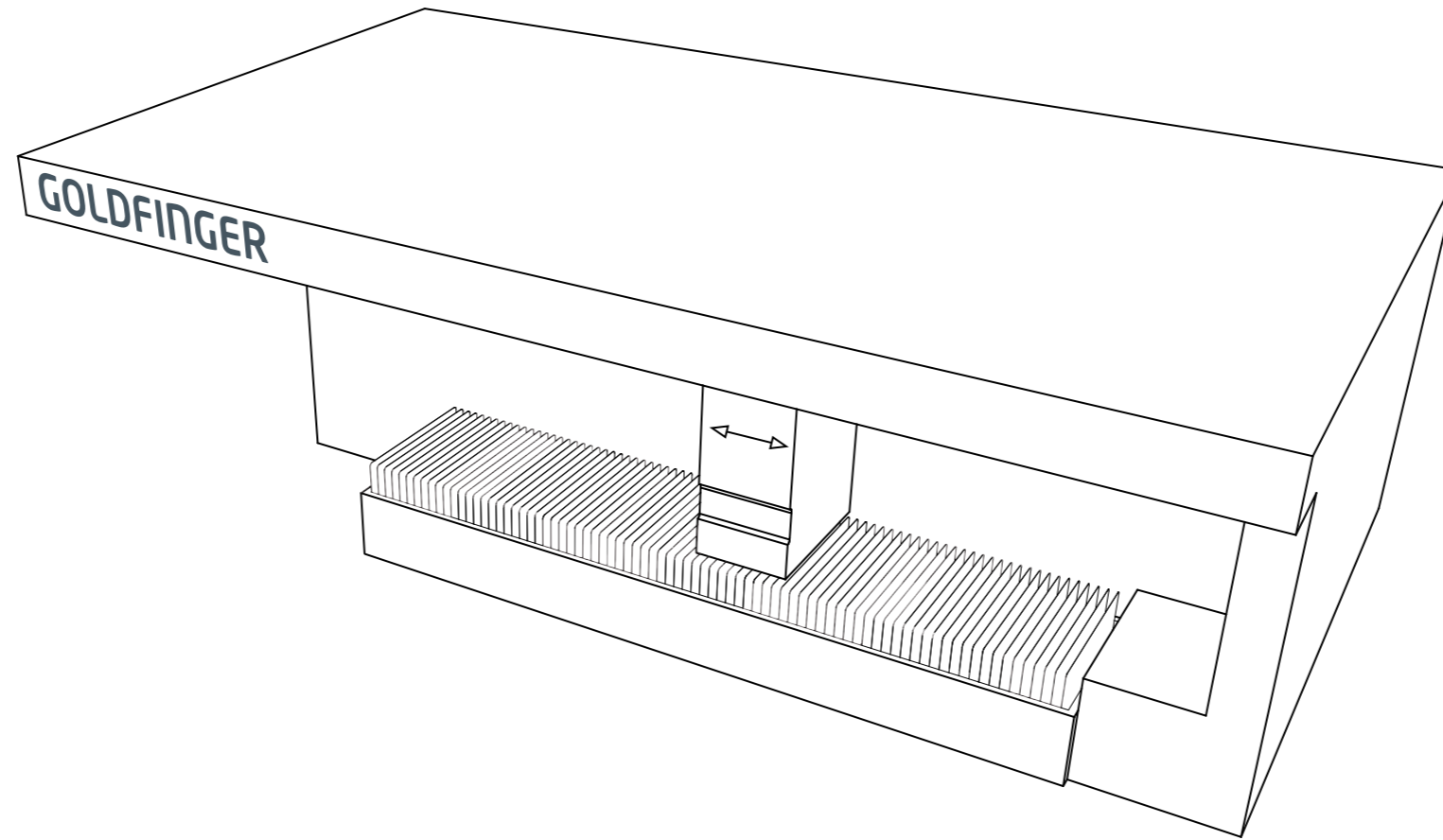


3 The exact result in a matter of seconds

- › As a compact tabletop unit, Goldfinger seamlessly integrates with any workplace, wherever necessary
- › Intuitive handling makes Goldfinger ready for immediate use with a simple, quiet and fluent workflow
- › Counting is activated by swiping a hand over a sensor and after just a few seconds the camera's display shows the exact number of cards
- › The status of Goldfinger is indicated via LED lighting



Technical Data



Counting performance

Min. 1 up to max. 510 cards per stack

Accurate card counting within seconds

Card formats

ISO/IEC 7810 ID-1 format CR 80 85.60 mm x 53.98 mm x 0.76 mm

Card material

Known plastic card types and materials:
blank, colored, transparent, translucent, casted, laminated

PVC, ABS, PC, PET-G

High-end security

Patented reading technology

Interface to connect to control level and monitor counting process

Dimensions

Length	700 mm	Width	400 mm
Height	205 mm	Weight	29 kg