



TRAXEED
KÖRBER SOLUTIONS

SingleUnit-Advanced

The Traxeed SingleUnit-Advanced is a sophisticated and flexible solution for the coding and verification of single cartons for the installation into the product packaging process of pharmaceutical industry.

This Traxeed Track&Trace Solution is modularly designed and meets a wide range of customer requirements. It combines an advanced product transport (flighted conveyor) with printing, vision control, reject system and batch controller. Configurable software features ensure that the system complies with track and trace regulations worldwide.



FEATURES

Conveyor system

- Servo driven flighted conveyor belt
- Belt speed adjustable up to 90 m/min
- Transfer height variable from 850 to 950 mm
- Servo driven separator to place the products between the flights on the conveyor belt

Machine cover

- Coloured housing to remove effects of external light
- Proximity door safety switches

Coding system options

- Thermal inkjet printer Wolke m610 advanced/oem
- CO₂ laser printer Domino D620i (60 W)

Inspection system

- Traxeed vision system including camera station and LED lighting
- b/w CCD-Matrix-Camera
- Field of view w = 60 mm, h = 40 mm
- Resolution: 1296 x 966 pixel
- Additional camera station to verify data in up to three different positions simultaneously

Reject station

- Servo driven ejector
- Reject verification with light barrier
- Rejected products are collected in a reject bin
- Optional additional reject station

Industrial PC

- B&R Industrial PC
- CPU Intel Core i7
- RAM 4 GB DDR3
- SSD 60 GB
- 15" TFT Touch Screen

FEATURES

Installation requirements

- Voltage: 400 V, 50 Hz (L1, L2, L3, N, PE)
- Power: ca. 1.5 kW

Operating Conditions

- Temperature: 10°C – 40°C
- Humidity: 0% – 80% RH (non-condensing)

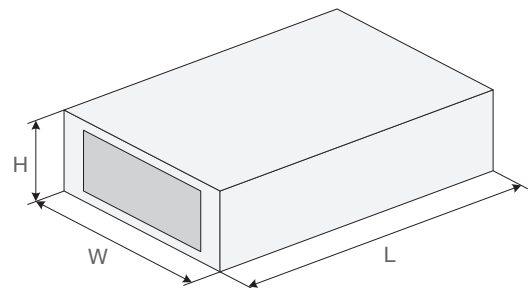
Additional accessories

- Optional speed controlled infeed and outfeed conveyor belts
- Handheld code scanner
- Lockable door safety switches
- Additional set of flighted conveyor belts with different product spacing
- Reject bin suitable for heavy cardboard boxes/bottles

SPECIFICATIONS

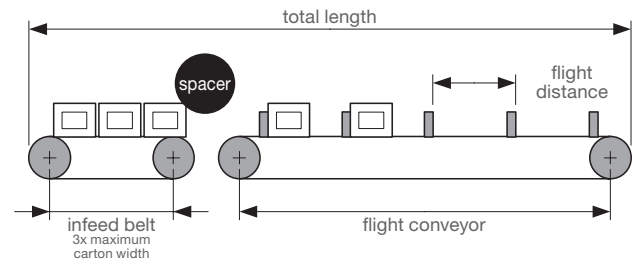
Product dimensions

	min.	max.
Width (W)	20 mm	150/180 mm
Height (H)	15 mm	120 mm
Length (L)	70 mm	220 mm
Weight	30 g	300 g

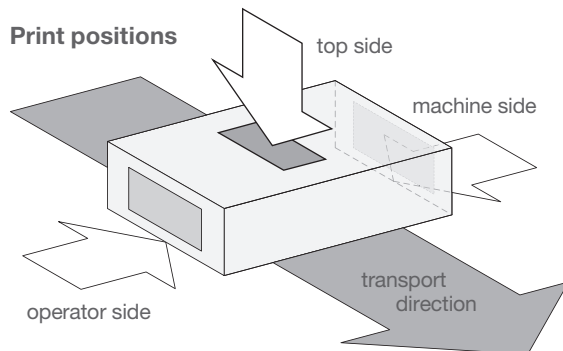


Conveyor system

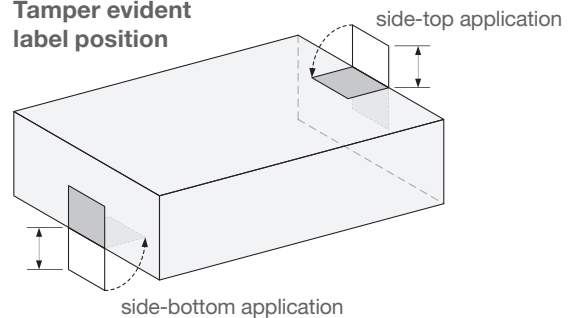
Type	infeed belt	total length
825 coder	300–500 mm	1114–1417 mm
975 coder	300–500 mm	1264–1567 mm
1875 coder	300–500 mm	2165–2468 mm



Print positions



Tamper evident label position



Sample print layout

- A Barcode size
- B Code field length
- D Line space
- L Text length
- H Text height
- Q Quiet zone



CODING SYSTEMS

Thermal inkjet printer Wolke m610 oem / Domino G320i OEM

- Resolution 300 dpi
- Coding speed up to 60 m/min
- Print height 12.7 mm per print head
- Up to 4 print heads to print in up to two locations simultaneously or to increase print height to 25.4 mm (max. 2 print heads on one side)

CO₂ laser printer Domino D620i

- 60 watt air cooled
- Coding speed up to 50 m/min (depends on print content; typical 35 m/min)
- Print height 60 mm
- Optional height adjustment to alter the print position can be offered

LABEL APPLICATOR

Vignette label applicator (975 and 1875 coder option)

- Herma 400 label applicator
- For label reels with an outer diameter of up to 400 mm and a core of 76 mm
- Labelling speed up to 50 m/min
- Label placement verification can be done by a laser scanner, a 2D industrial imager or a Traxeed vision system
- Optional kit to reduce the label reel core diameter to 40 mm
- Optional inline thermal transfer printer to code the labels directly on the label applicator

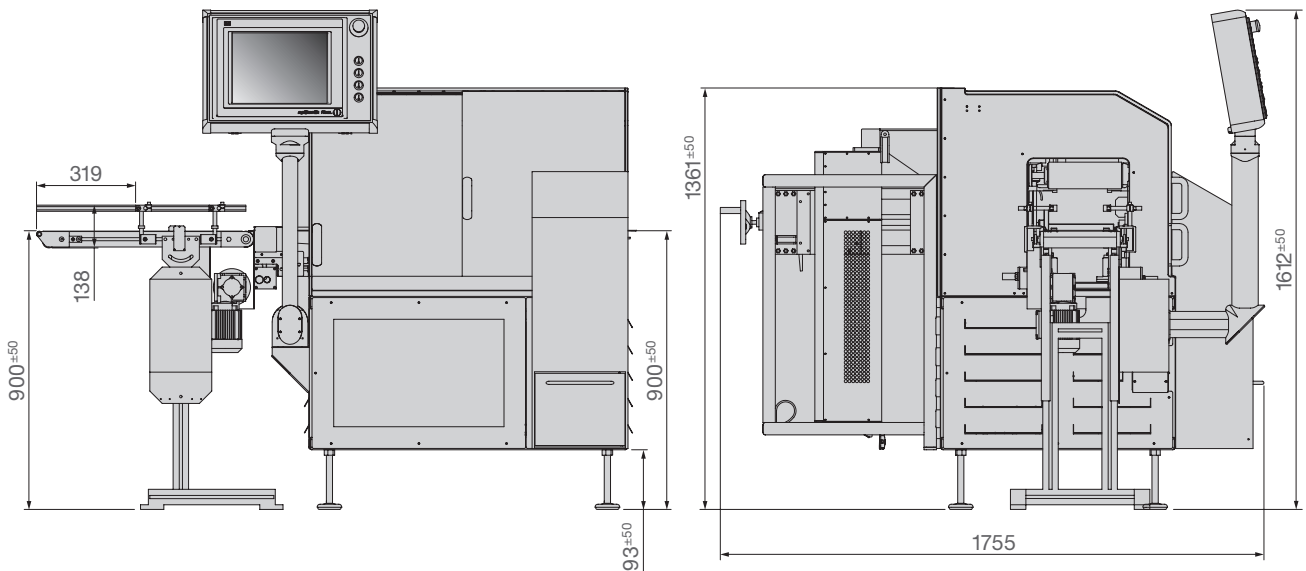
Tamper evident label applicator

- Herma 400 label applicator
- For label reels with an outer diameter of up to 400 mm and a core of 76 mm
- Labelling speed up to 50 m/min
- Label placement verification
- Adjustable side-top or side-bottom application
- Folding range on the top side up to 20 mm
- Folding range on the bottom side up to 14 mm

DIMENSIONS

Space requirements:

- Maximum frame length: 1114 mm (depending on system configuration)
- Total depth: 1755 mm
- Total height: 2290 mm (incl. electrical cabinet)



TRAXEED LIFE CYCLE SERVICE



Traxeed Service Desk

The Service Desk is staffed by qualified experts. They can provide 24/7 service 360 days a year. The Service Desk combines maximum competence with short response and solution times.



Traxeed Academy

Our customized training and support programs impart theoretical and practical knowledge to enhance the productivity of your employees.



Traxeed Field Service

Our technicians have the expertise and understanding that comes from time, training, dedication to their craft and determination to provide superior service to every customer.



Traxeed Original Spare Parts

We stock an extensive inventory of original spare parts at our worldwide locations to ensure speedy delivery. Machine-specific spare parts packages are also offered to give you in-house stock for immediate installation.



Traxeed Retrofit/Upgrades

Retrofit: For more flexibility and functionality, take advantage of the modularity and expandability of your machines and profit from consistently modern equipment. Upgrades: Improve your installed equipment and software with upgrades.



Traxeed Process Optimization/OEE

Consulting and technical support to increase equipment performance, availability and reliability.