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 the 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
SingleUnit-Advanced

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
<table>
<thead>
<tr>
<th></th>
<th>min.</th>
<th>max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width (W)</td>
<td>20 mm</td>
<td>150/180 mm</td>
</tr>
<tr>
<td>Height (H)</td>
<td>15 mm</td>
<td>120 mm</td>
</tr>
<tr>
<td>Length (L)</td>
<td>70 mm</td>
<td>220 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>30 g</td>
<td>300 g</td>
</tr>
</tbody>
</table>

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
- Top side
- Operator side
- Machine side
- Transport direction

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
  - Print height 60 mm
  - Optional height adjustment to alter the print position can be offered

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