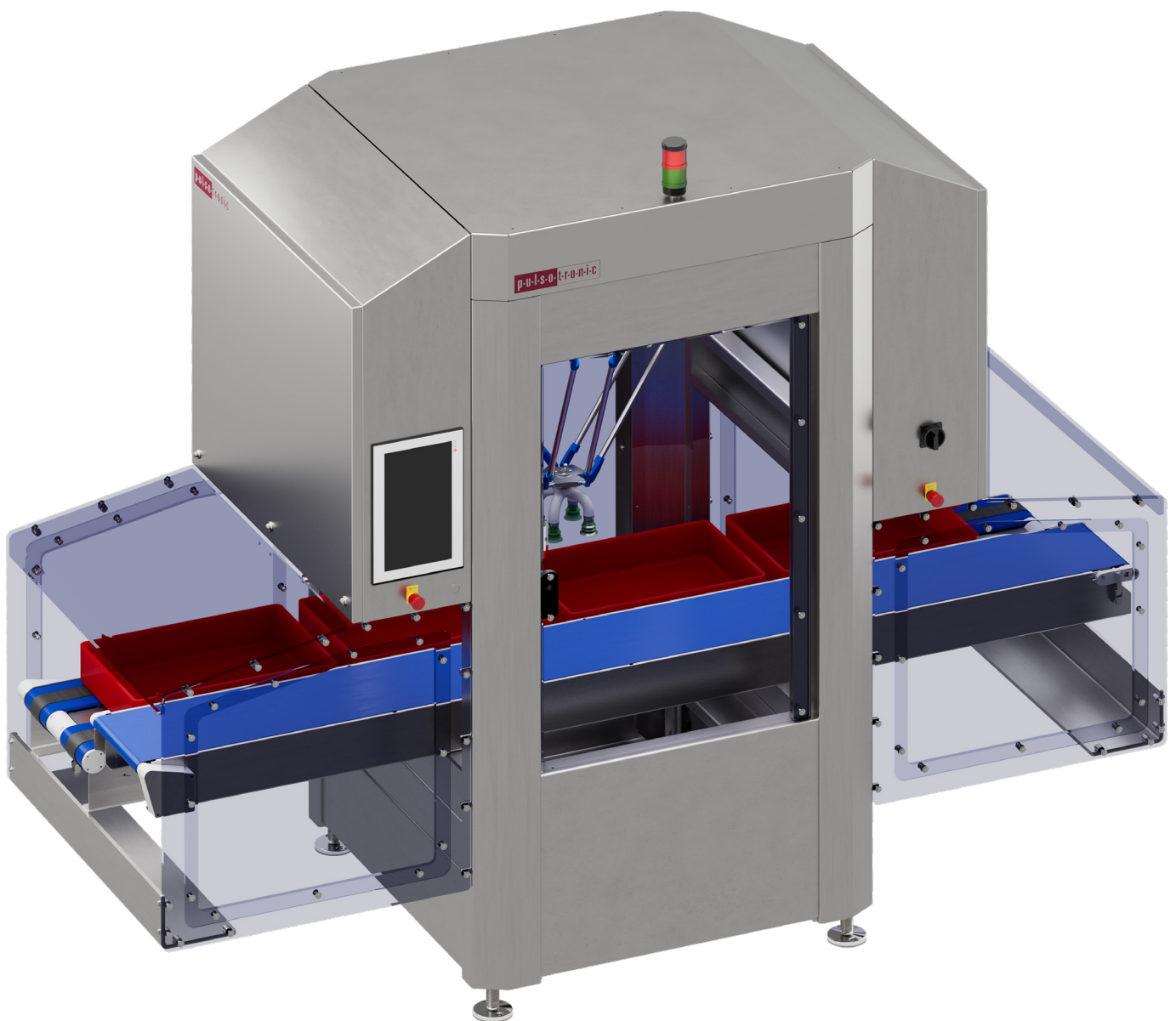
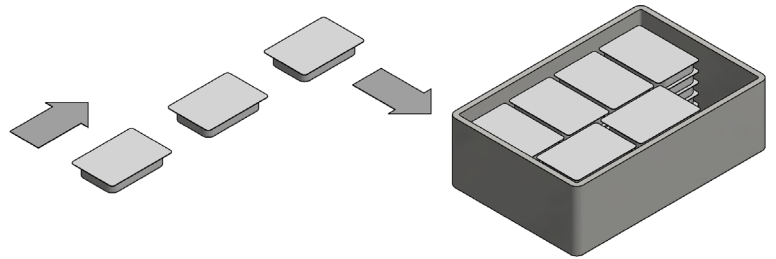


# Packaging robot

Type: PR1



# Type: PR1

## AUTOMATIC PACKAGING FOR HIGH-RANGE PERFORMANCE

### Simple

The clearly arranged and intuitive handling on the 15" touch screen simplifies your employees' daily work on the packaging system.

### Flexible

The fast and tool-free adaptation of the system to changing product dimensions, varying packaging patterns and orientations in the carton or crate guarantees maximum flexibility for existing and future packaging requirements.

The project-related implementation of the packaging system is modular and cost-optimized to the specific requirements of your application.

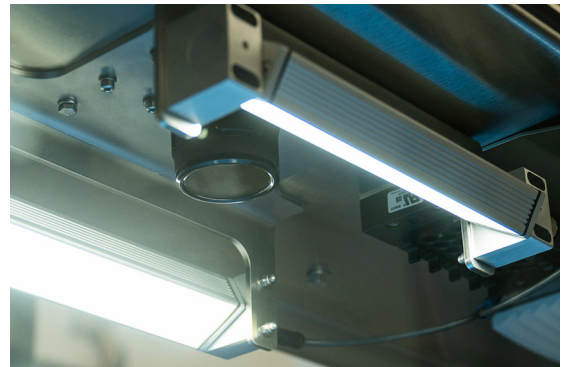
The optical inspection system OI2pro can be integrated to this packaging system which guarantees 100% control of your production quantities immediately before packaging into the cartons or crates.

### Complete Integration

A wide variety of interfaces to upstream and downstream line components, to data acquisition systems or to your enterprise resource planning system enable a high degree of automation as well as optimized data acquisition and evaluation (industry 4.0).

### Compact

The optimized dimensions in combination with the flexible operating side enable use even in the most limited space conditions.



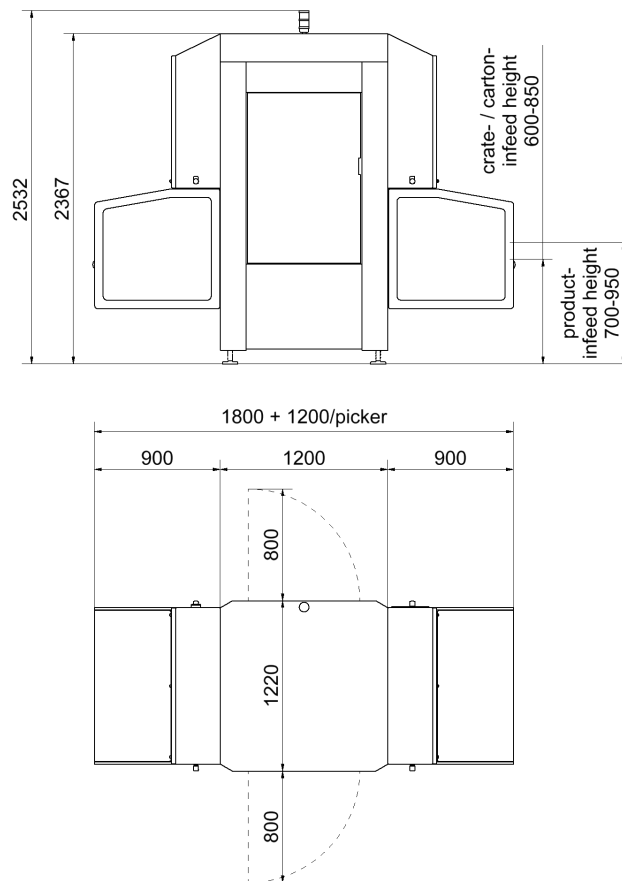
## OPTIONS

- Modular arrangement of one or more handling units
- Tool-free Tool-Changing-System
- Project-related tool (mechanical/vacuum, turning axis, single/dual, ...)
- Empty package control
- Camera inspection of top AND/OR bottom (presence, position, plausibility, readability of patterns, BBD, barcode, QR codes, lot labels, OCV ...)
- Operating side left/right

# Type: PR1

## TECHNICAL DATA/DIMENSIONS

<b>Performance</b>	70 products/min/unit depending on product dimensions, weight, packaging pattern, orientation of the products in the pattern
<b>max. product length</b>	500 mm
<b>max. product width</b>	280 mm
<b>max. product weight</b>	2.500 g
<b>Handling height</b>	300 mm
<b>Handling area</b>	Ø 1.100 mm
<b>Infeed height</b>	700 – 950 mm
<b>Dimensions</b>	1.800 + 1.200 mm / unit (L) 1.220 mm (W) 2.365 mm (H)
<b>Operation</b>	Touchscreen 15"
<b>Protection class</b>	IP54
<b>Temperature range</b>	+5°C to +40°C
<b>Product parameter-memory</b>	40 (expandable to 100)
<b>Material</b>	Stainless steel frame in openframe design
<b>Interfaces</b>	2 Outputs (relay) <ul style="list-style-type: none"> <li>• system ready/not ready</li> <li>• system running/not running</li> </ul> 2 Inputs (optically isolated) <ul style="list-style-type: none"> <li>• external release</li> <li>• external start/stop</li> </ul> Network RJ45 (OPC-UA optional)
<b>Rated voltage</b>	3P+N+PE 400 VAC
<b>Nominal frequency</b>	50 Hz
<b>Power supply</b>	ca. 1 kVA
<b>Compressed air supply</b>	6 bar, ISO 8573-1:2010 [7:4:4], quick coupling plug NW 7,2 consumption project-related
<b>Drives</b>	Asynchronous and servo drives



# Type: PR1

## NOTES

