

# ROTARY STAR - LABELLING SYSTEM

## SEP 3691 PLUS

High capacity and high precision labelling system for cylindrical products. This machine fills the capacity gap between 3 roller automatic machines and rotary labelling systems. Rotary star is the essential operating part and the only format part - feeding products to label application and press-on station. Products can be fed in using intermittent mode - this allows positioning and application of a single or multiple labels from a single liner, or in continuous mode to increase capacity. Rotary star is servomotor - driven. Construction allows to reach capacity of 300 products per minute using continuous mode, without label positioning, or up to 120 products per minute using intermittent mode that allows for label positioning. With this capacity high precision and high application quality is retained.

- Capacity up to 300 products/min without positioning or up to 120 products/min using label orientation function
- Vertical labelling precision +/- 0.3 mm
- Horizontal labelling precision +/- 0.7 mm
- Label height up to 220 mm
- Ease of operation - only one replaceable format part
- Central B&R control panel with color touch screen
- Easy to integrate overprint or verification options



The real maximum labelling speed depends on the label, capacity, type of the labelled product and the kind of application.  
The label feeding precision depends on the label and the labelled product properties.

PARAMETER

ROTARY STAR

**LABELLING HEAD**

INTREX 200+

INTREX 300+ OPTIONAL

**MAXIMUM LABEL WIDTH  
(HEIGHT ON THE  
PRODUCT)**

90 mm, 160 mm, 220 mm

**MAXIMUM LABEL  
ROLL DIAMETER  
(UNWINDER)**

300 mm (optional: 400, 500 mm), core: 40 mm or 76 mm

**LABEL SENSOR**

Optical (optional: ultrasonic for transparent labels)

**MAXIMUM  
CAPACITY**

- Up to 300 products per minute
- Up to 120 products per minute with orientation

**CONTROL SYSTEM**

B&R PLC 7" full colour touch screen, up to 100 recipes can be prepared and stored for future use, logins with different access rights, graphical help for control settings, saving machine logs, ethernet access for remote diagnostics

**FORMAT PARTS**

Easy changeover / designed according to customer products

**OPTIONAL MODULES**

In-feed queue sensor, out-feed jam sensor, low labels sensor, beacon, bracket for a thermal transfer printer printing on labels, inkjet printer mounting

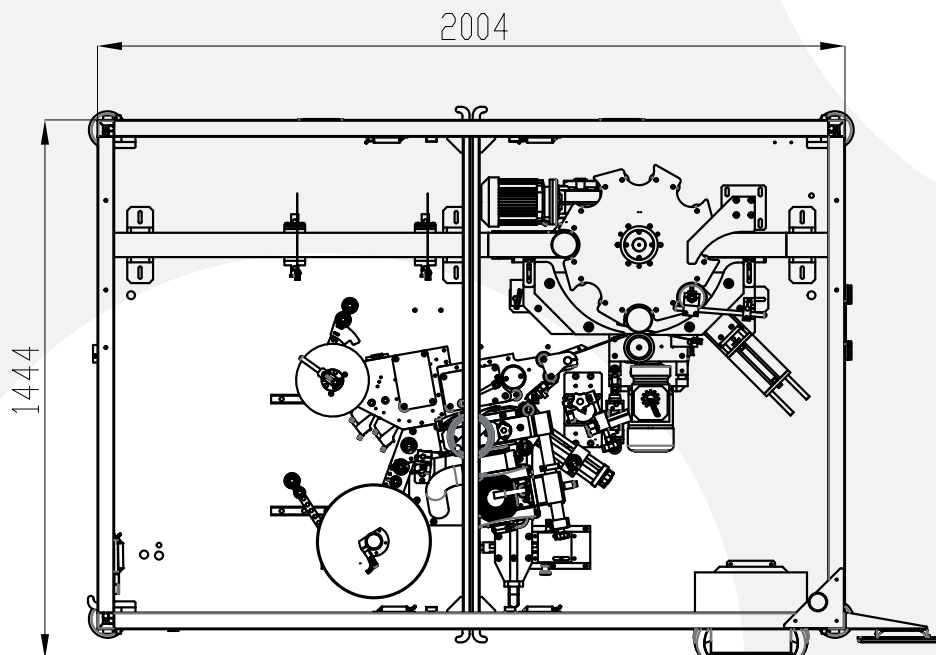
**POWER SUPPLY**

230 VAC, 50 Hz

400 VAC, 50 Hz

**INTEGRATION  
POSSIBILITY**

Printing technology: INK JET, TTO, TIJ, Laser marking  
Vision systems from: Cognex, Omron, SICK



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