



# IC-RV 53d

## Automatic roll-fed machines separate forming and punching

Automatic roll-fed thermoforming machine with vacuum and pressure forming for use with combined forming and steel-rule cutting tools. High availability, optimum customer value, easy operability. Separate forming and punching technology for the cost-effective manufacturing of small to medium-sized batch sizes.

The ILLIG IC-RV 53d automatic vacuum and pressure forming machine is designed for cost-effective production of small to medium-sized batch sizes. The thermoforming machine has a maximum forming area of 500 mm x 365 mm and operates with up to three bar air pressure, providing high performance and formed part quality, even for complex part geometries. Short cycle times and a high degree of automation during the forming, punching and stacking processes enable high availability and productivity. The machine is equipped with a time-saving quick-release tool changing system.

## BENEFITS

- ⊕ PROCESS-CONTROLLED MACHINE
- ⊕ AUTOMATIC DEFAULT SETTING CALCULATION
- ⊕ HIGHEST CYCLE RATES FAST BUILD-UP FORMING PRESSURE
- ⊕ HIGHEST FORMPART QUALITY WITH 3 BAR PRESSURE
- ⊕ GUIDED TOOL CHANGE
- ⊕ LOW TOOL COSTS

## TECHNICAL DATA

### IC-RV 53d

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500<sub>mm</sub> X 365<sub>mm</sub>

Forming area

max. 100<sub>mm</sub>

Formed part height

max. 3<sub>bar</sub>

Forming pressure

max. 550<sub>mm</sub>

Material width

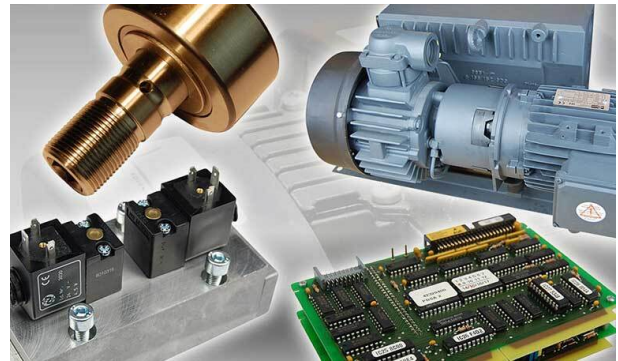
max. 45<sub>cpm</sub>

Cycle speed

# SERVICES

## SPARE PARTS

With machine spare parts we offer our customers worldwide optimal support. Safe, reliable, superior parts for guaranteed quality.



## SPARE PARTS

With tool spare parts we offer our customers worldwide optimal support. Safe, reliable, superior parts for guaranteed quality.

## MONITORING

Our Monitoring products provide you a competitive advantage. Data analysis via our secure remote access service, enables you reduced costs and time for trouble shooting and increase the availability of your ILLIG system.



# SERVICES

## PROCESS IMPROVEMENT



Our experts will help you with production or optimize the entire thermoform process to achieve more performance, better product quality and higher machine availability for your ILLIG system.

## SERVICE AGREEMENTS

With service agreements we provide you support for your ILLIG system over the entire lifecycle.



## TECHNICAL SERVICES



Technical Services offers our customers worldwide technical support.

# SERVICES

## TECHNICAL TRAINING

Master complexity - increase return. In accordance to this motto we educate the delegates to advanced line specialists.



## UPGRADES

With upgrades for our machines, our customers can implement new applications and functional enhancements and thus realize new customer requirements, improve profitability and increase their added value in a targeted manner.

## ACCESSORIES

ILLIG accessories with ILLIG Quality. High-quality materials with a long lifespan, with targeted use, are a guarantee for optimal work results.

