



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

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500_{mm} X 365_{mm}

Forming area

max. 100_{mm}

Formed part height

max. 3_{bar}

Forming pressure

max. 550_{mm}

Material width

max. 45_{cpm}

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.

