

# IC-RD 53d

### Automatic roll-fed machines separate forming and punching

Automatic roll-fed thermoforming machine 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-RD 53d pressure forming machine 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. With a maximum forming area of 500 mm x 365 mm, this thermoforming machine is also 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-RD 53d

Automatic roll-fed thermoformer, separate forming and punching

 $500\,\text{mm}\,\text{x}\,365\,\text{mm}\qquad\qquad\text{max.}\,100\,\text{mm}$ 

Forming area Formed part height

 $\mathsf{max}.\, \mathbf{3}\,\mathsf{bar} \qquad \qquad \mathsf{max}.\, \mathbf{45}\,\mathsf{cpm}$ 

Forming pressure 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 sercure 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.



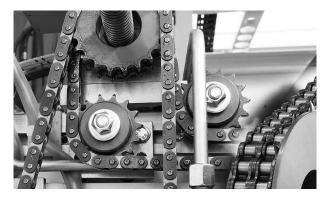
### **SERVICES**

### **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.

