



# RDM 54K

## Automatic roll-fed machines for forming/punching operation

Produce cups, lids, trays and other similar products with the ILLIG RDM-K machines using in-place forming and punching technology. High-precision mechanical drives, high part quality, performance and reliability.

The automatic pressure-forming machine RDM 54K with a forming area of 500 mm x 300 mm processes material film from the roll or inline directly from a connected extruder using combined in-place forming and pass-through punching tools. The ILLIG thermoforming machine is ideal in particular for products with a high draw ratio. The cam-controlled toggle lever system of the forming machine enables high forming and punching forces. The forming table of the K-machines tilts 80° in feed direction after the forming sequence.

Ejectors then discharge the cups into the stacking station.

## BENEFITS

- ⊕ CLEANTIVITY®    ⊕ AUTOMATIC DEFAULT SETTING CALCULATION    ⊕ GUIDED TOOL CHANGE
- ⊕ HIGHEST CYCLE RATES FAST BUILD-UP FORMING PRESSURE

## TECHNICAL DATA

### RDM 54K

Automatic roll-fed thermoformer for forming/punching tools

500<sub>mm</sub> X 300<sub>mm</sub>

Forming area

max. 160<sub>mm</sub>

Formed part height

max. 580<sub>mm</sub>

Material width

max. 230<sub>kN</sub>

Tool closing force

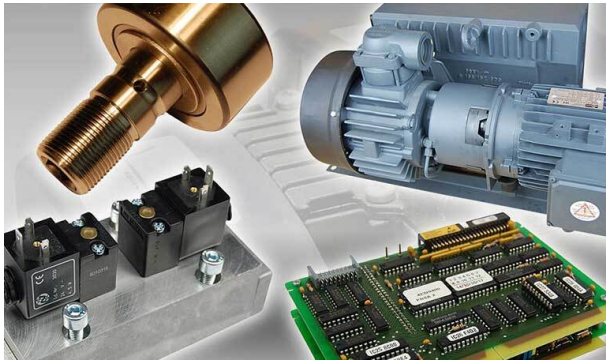
max. 34.3<sub>cpm</sub>

Cycle speed

# SERVICES

## SPARE PARTS

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



## SPARE PARTS

With machine 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



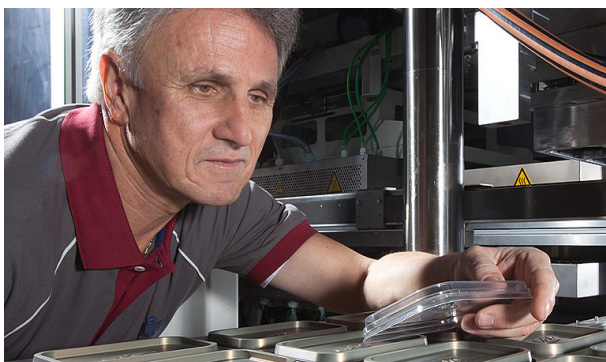
Our experts will help you with production or optimize the entire thermoform process to achieve more performance, better product quality and higher machine availability for your ILLIG system.

## SERVICE AGREEMENTS

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



## TECHNICAL SERVICES

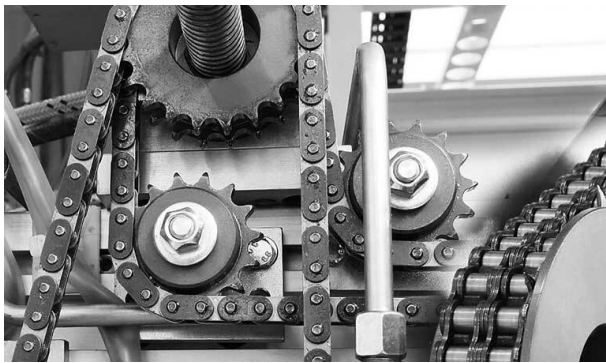


Technical Services offers our customers worldwide technical support.

# 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.

