



RDM 76K 4G

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 76K 4G with a forming area of 760 mm x 540 mm is a thermoformer of the 4th generation. The completely newly designed double servo drive of the production system ensures shorter movement times and thus faster cycle times. By using a center support for the lower machine table, ILLIG increased the closing force by 50 percent to 900 kN. As a result, the cutting length can be utilized by up to 50 percent more, the service life is extended and productivity is increased. The ILLIG thermoforming machine is ideal in particular for products with a high draw ratio and part heights of up to 255 mm. The 4th Generation system with facilitated material handling processes material film from the roll or inline directly from a connected extruder using combined in-place forming and pass-through punching tools. The electronic parallelism setting of upper and lower table reduces secondary times which adds to higher availability. In spite of the extended material heating device the total length of the line is reduced compared to previous series, due to the integration of the newly designed PH 76 product handling device which allows direct interlinkage with different end packaging solutions.

BENEFITS

- + CLEANTIVITY®
- + AUTOMATIC DEFAULT SETTING CALCULATION
- + GUIDED TOOL CHANGE
- + PROCESS-CONTROLLED MACHINE
- + HIGHEST CYCLE RATES FAST BUILD-UP FORMING PRESSURE

TECHNICAL DATA

RDM 76K 4G

Automatic roll-fed machine for forming/punching operation

760_{mm} X **540**_{mm}

Forming area

max. **255**_{mm}

Formed part height

max. **920**_{mm}

Material width

max. **900**_{kN}

Tool closing force

max. **40**_{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.

