

IC-STAL 90

Punch and die press

The ILLIG IC-STAL 90 IC process-controlled horizontal pass-through punch press operates at a very high cycle speed and can be connected to all ILLIG roll-fed forming machines for downstream separation of the formed parts from the material web. Special features include high cutting quality, low-maintenance tools and smooth operation.

The ILLIG-developed pass-through punch press IC-STAL 90 has a unique horizontal design that ensures that the formed parts are perfectly punched out of the material web, which are then immediately stacked and discharged from the machine. The servo-driven punch operation ensures smooth and accurate operation with an index length accuracy of ±0.1 mm. The stress-free shearing-cut punching tool, the smooth operation and its smart machine control result in a very high punching precision and repeat accuracy at up to 145 cycles per minute.

BENEFITS

- CLEANTIVITY®
- PROCESS-CONTROLLED MACHINE
- DYNAMIC PROCESS OPTIMIZATION
- AUTOMATIC DEFAULT SETTING CALCULATION
- GUIDED TOOL CHANGE
- QUICK-CHANGE-TOOLING

TECHNICAL DATA

IC-STAL 90

Punch and die press

1,100 mm X 510 mm
Punching table area

max. 380 mm
Punching dimension

max. 850 mm
Punching dimension across

max. 180 kN
Punching force

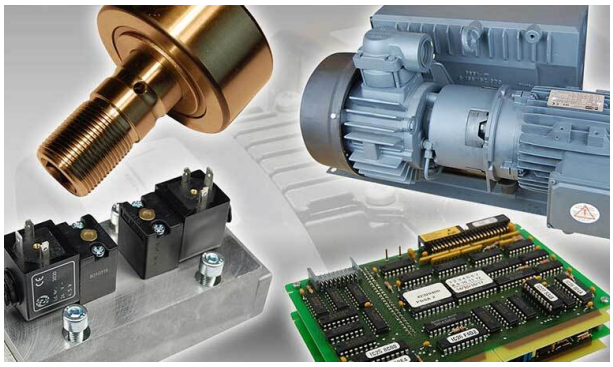
max. 145 cpm
Cycle speed

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 sercure remote access service, enables you reduced costs and time for trouble shooting and increase the availability of your ILLIG system.



SERVICES

PROCESS IMPROVEMENT



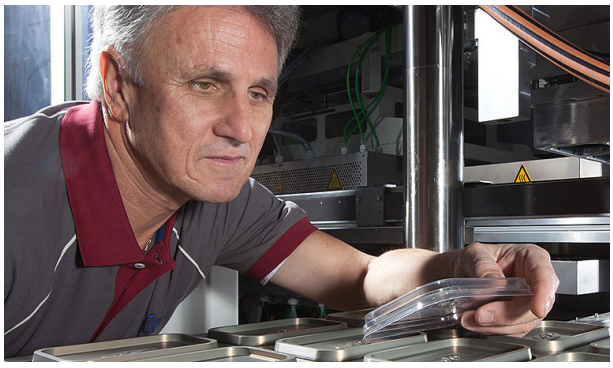
Our experts will help you with production or optimize the entire thermoform process to achieve more performance, better product quality and higher machine availability for your ILLIG system.

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.



ACCESSORIES

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

