



# PH

## Stacking devices

ILLIG offers a variety of different stacking stations in the PH series. The stacking systems are designed to accommodate the degree of automation, output performance and productivity of the thermoforming machine, as well as the required post-processing.

With its PH series product handling systems, ILLIG offers a variety of different stacking systems depending on the technical properties of the thermoforming machine in the production line. Because the product properties also depend on the quality and reliability of the downstream machines in the production line. The different stacking stations range from a simple manual part removal to a fully automated stacking system with feed units to downstream machines, such as a cup rim rolling machine, bag or sleeve packer, and more. The formed parts are either moved directly into a stacking magazine with an ejector in the tool, or picked up and held in place by a vacuum system during the transfer phase and then stacked. This avoids deforming the formed part and improves part cooling.

## BENEFITS

- + CLEANTIVITY®
- + AUTOMATIC DEFAULT SETTING CALCULATION
- + GUIDED TOOL CHANGE

## TECHNICAL DATA

### PH 54c

Stacking device

550<sub>mm</sub> X 350<sub>mm</sub>

Effective work area

max. 150<sub>mm</sub>

Formed part height

max. 150<sub>mm</sub>

Formed part diameter

max. 730<sub>mm</sub>

Formed part stack length

max. 1,800<sub>stack/h</sub>

Product stack output

max. 105<sub>pc.</sub>

Parts/Stack

max. 50<sub>cpm</sub>

Cycle speed

### PH 70c

Stacking device

730<sub>mm</sub> X 350<sub>mm</sub>

Effective work area

max. 150<sub>mm</sub>

Formed part height

max. 150<sub>mm</sub>

Formed part diameter

max. 730<sub>mm</sub>

Formed part stack length

max. 1,800<sub>1/h</sub>

Product stack output

max. 105<sub>pc.</sub>

Parts/Stack

max. 45<sub>cpm</sub>

Cycle speed

### PH 73

Stacking device

740<sub>mm</sub> X 350<sub>mm</sub>

Effective work area

max. 150<sub>mm</sub>

Formed part height

150<sub>mm</sub>

Formed part diameter

max. 730<sub>mm</sub>

Formed part stack length

max. 1,800<sub>1/h</sub>

Product stack output

max. 105<sub>pc.</sub>

Parts/Stack

max. 32.4<sub>cpm</sub>

Cycle speed

max. 50<sub>cpm</sub>

Cycle speed (optional)

### PH 75c

Stacking device

750<sub>mm</sub> X 470<sub>mm</sub>

Effective work area

max. 150<sub>mm</sub>

Formed part height

150<sub>mm</sub>

Formed part diameter

max. 730<sub>mm</sub>

Formed part stack length

max. 1,800<sub>1/h</sub>

Product stack output

max. 40<sub>cpm</sub>

Cycle speed

## TECHNICAL DATA

### PH 76

Stacking device

760<sub>mm</sub> X 540<sub>mm</sub>

Effective work area

max. 150<sub>mm</sub>

Formed part height

130<sub>mm</sub>

Formed part diameter

max. 730<sub>mm</sub>

Formed part stack length

max. 105<sub>pc.</sub>

Parts/Stack

max. 38<sub>cpm</sub>

Cycle speed

### PH 78

Stacking device

760<sub>mm</sub> X 470<sub>mm</sub>

Effective work area

max. 150<sub>mm</sub>

Formed part height

200<sub>mm</sub>

Formed part diameter

max. 730<sub>mm</sub>

Formed part stack length

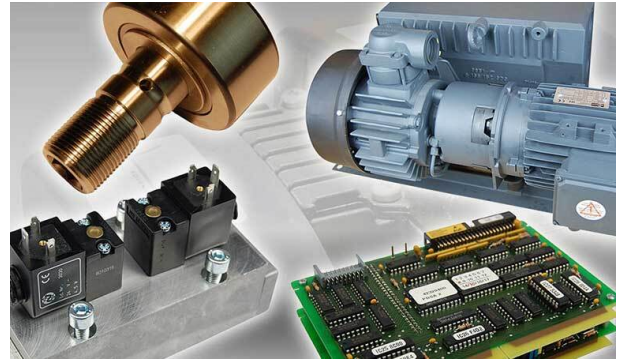
max. 1,500<sub>1/h</sub>

Product stack output

# 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



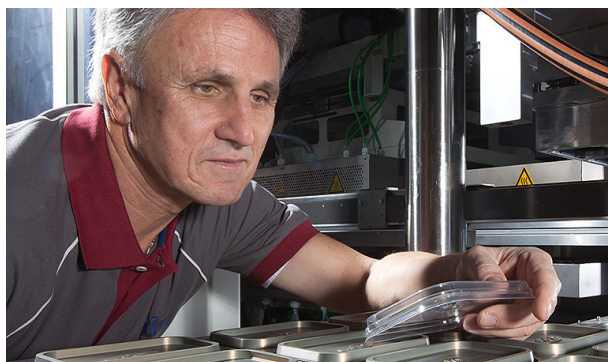
Our experts will help you with production or optimize the entire thermoform process to achieve more performance, better product quality and higher machine availability for your ILLIG system.

## 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.



## ACCESSORIES

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