

# HKR Werkzeugtechnik

*Perfection in mold design and  
construction*



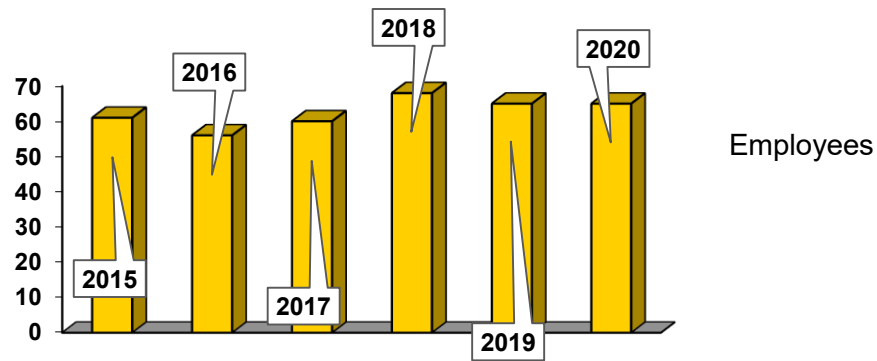
# Company data

- Company foundation in 1994 by Wilhelm Hölldampf, Wilhelm König and Hans Rudolf
- Steady enlargement and expansion of the production capacity
- Ongoing investments in new technologies and production facilities
- Today's directors of the company are Mr. Hölldampf and Mr. Schürle

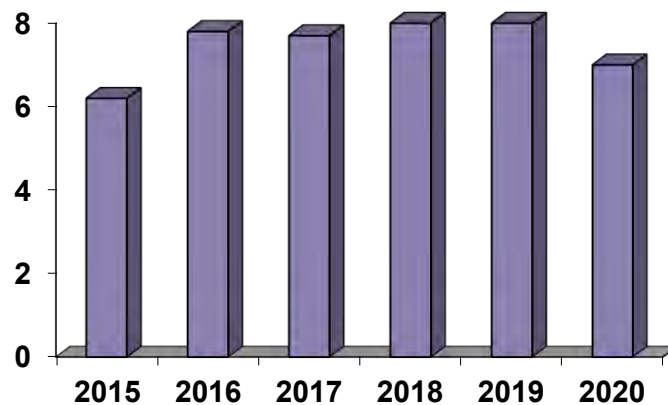
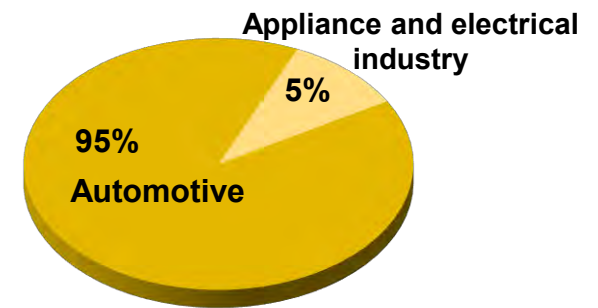
# Company data

## Headcount and sales volume

## Business segments



Employees



Turnover in Mio.

## HKR – *ultimate toolmaking perfection*

- Expertise
- Reliability
- Quality
- Precision
- Adherence to schedules

 **Customer satisfaction**

# Quality

In the interest of our clients we have high standards regarding the quality of our work.

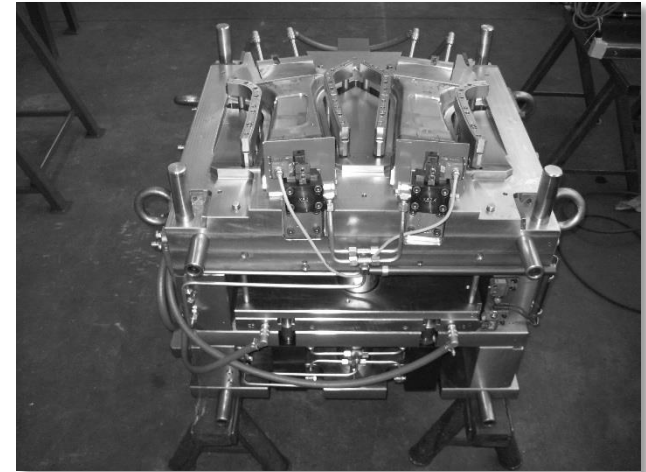
Therefore we practice the quality assurance as a continuous and dynamic process which compromises the whole workflow from the development to the delivery.

Our business company is DIN-certified:  
**DIN EN ISO 9001:2015**



# Range of production

- Injection molds
- Injection stamping tools
- GID-molds
- Stack-tools
- Multi-component molds
- Fabric and - foil back injection molds
- Execution as prototype-, pre series and mass production molds
- Max. mold weight: **20 tons**



# Contract production

- deep hole drilling
- spark erosive processing
- electrode production
- milling
- component development
- feasibility study
- mold repairs
- mold changes
- small batch and pre series



# Data exchange

- Manifold data exchange to ensure a trouble-free process
- Further processing of the different data types
- On demand the customer receives the current information in every project phase on the basis of the latest CAD/CAM programs
- Date / gateway in all popular formats: Catia V5, Tebis 4.0 R7, Step, IGES, VDA-FS, NX





# Production facility

Your molds will be produced precisely on modern milling machines

## **Mecof Ecomill**

Travel distance: 4000 x 1300 x 2500 mm



## **Mecof Umill 1800**

Travel distance: 1800 x 2150 x 1250 mm



# Production facility

## 2 x POSmill H800 U

Travel distance: 700 x 830 x 600 mm  
Spindle speed: 18.000 U/min



## POSmill C1050

Travel distance: 1.050 x 530 x 630 mm  
Control: Heidenhain iTNC 530



# Production facility

## POSmill E1100

Travel distance: 1100 x 600 x 510 mm  
Spindle speed:  $\leq 10.000$  U/Min



## Röders RP 800

Travel distance: 800 x 600 x 400 mm



## Laser welding machine

Pulspower 200 CWS Speed Magnum

Working head with observation optics Leica Oculare 16\*/14



## TBT

Gun drilling machine

## Samag TFZ 2L-1000

Deep-hole drilling and milling machine  
Travel distance: 1600 x 1250 x 1100 mm  
Table load: 7000 Kg



Modern machinery in our EDM department:  
4 EDM machines and 2 wire eroding machines

## **Ingersoll 1200**

Travel distance: 1000 x 1500 x 650 mm

## **GF P900 (purchase 2019)**

Travel distance: 900 x 700 x 500mm



# Production facility

## **Sodick AQ 55L**

Travel distance : 550 x 400 x 350 mm

## **Sodick AQ 537L**

Travel distance : 570 x 370 x 350 mm

## **Sodick AQ 535L**

Travel distance: 650 x 350 x 350 mm

## **Zimmer + Kraim 600**

Travel distance: 300 x 300 x 300 mm



# Production facility

- Mold proving and try-outs on our own machinery
- Production of pilot series
- 5 Injection moulding machines with a clamping pressure between 80 and 1000 tons
- Drying facilities for materialdrying assured



## DEMAG Ergotech 80-400

Injection molding machine  
tie bar distance: H x V 400 x 400 mm

## Battenfeld TM 2100-1000

Injection molding machine  
tie bar distance: H x V 570 x 570 mm

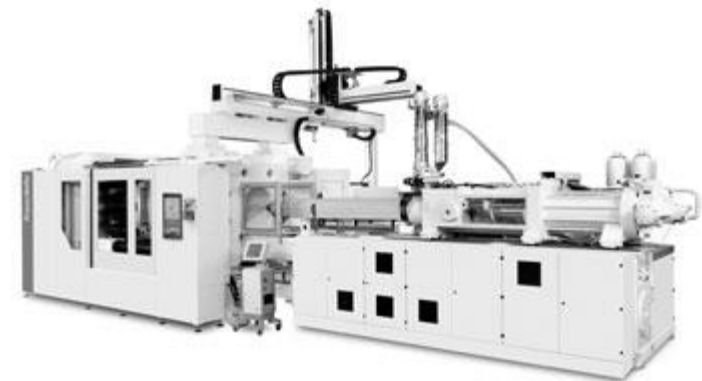
## Battenfeld TM 3500-1900

Injection molding machine  
tie bar distance: H x V 710 x 710 mm



## **Krauss Maffei 1000 – 6100 MC**

Injection molding machine  
tie bar distance: H x V 1.400 x 1.120 mm  
with robot handling



## **Krauss Maffei 650**

Injection molding machine  
tie bar distance: H x V 930 x 1000 mm  
with robot handling



Purchasing of a Babyplast injection unit.

Therefore we are able to try out the following moulds:

- 2-Component- Index plate mold
- 2-Component - Sliding mold
- 2-Component – Blocking slide mold

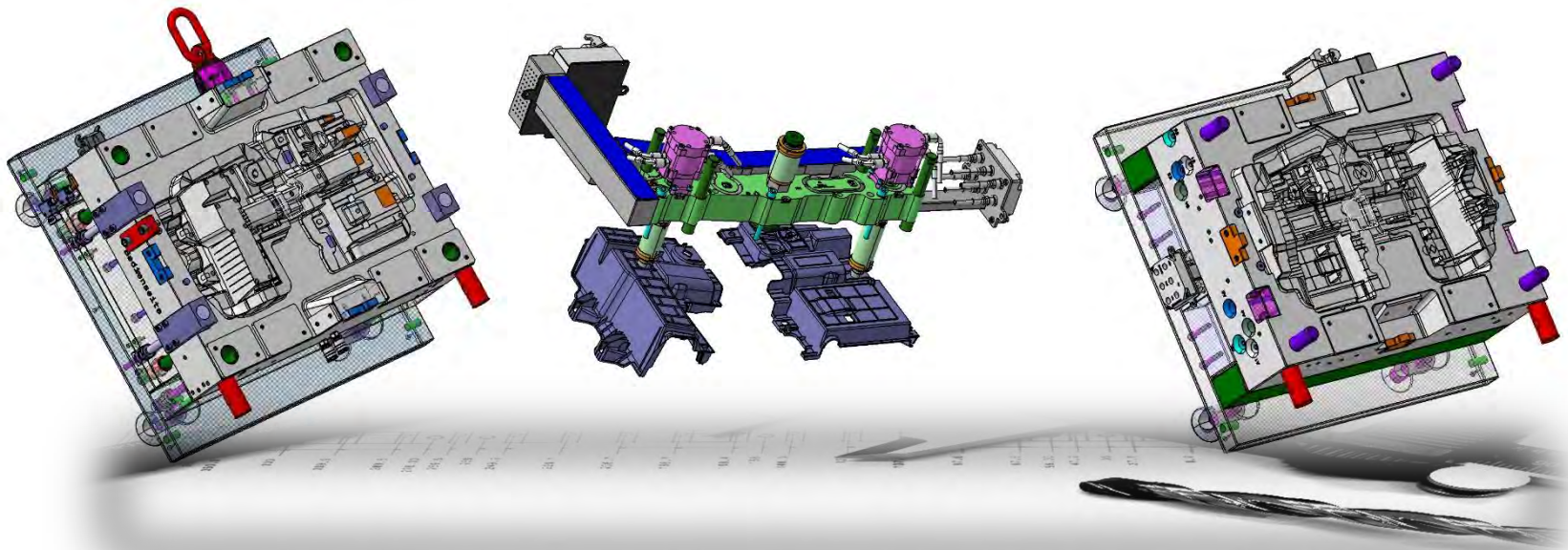


with lateral aggregate supply on our machinery

# Range of products

Quality parts are based on appropriate plastic constructions and precise manufactured molds.

With our molds we can promise you the sureness of a high-quality production regarding the cycle time.



# Range of products

## Examples automotive: Mold (functionholder)



## Examples automotive:

fabric back injection mold (A-pillar) incl. trimming (cutting)



B-pillar



# Range of products

## Examples automotive: Mold panel C-pillar



## Mold side panel trunk incl. rollout



# Range of products

## Examples automotive: Mold (Airbag housing)





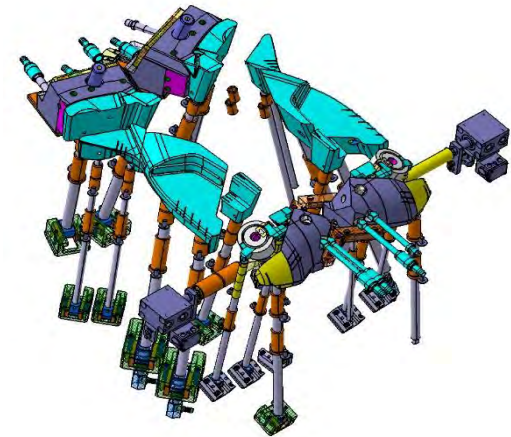
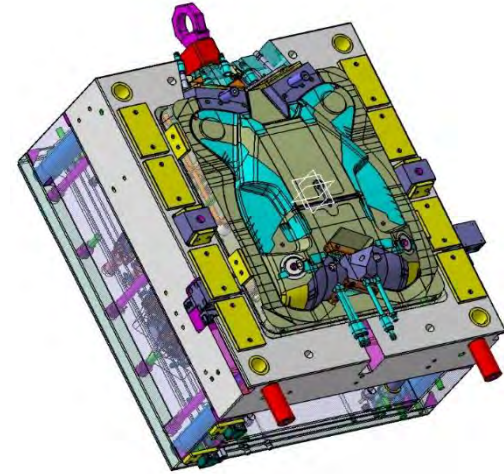
## Examples automotive:

Mold (center console, deposition box and covers)



# Range of products

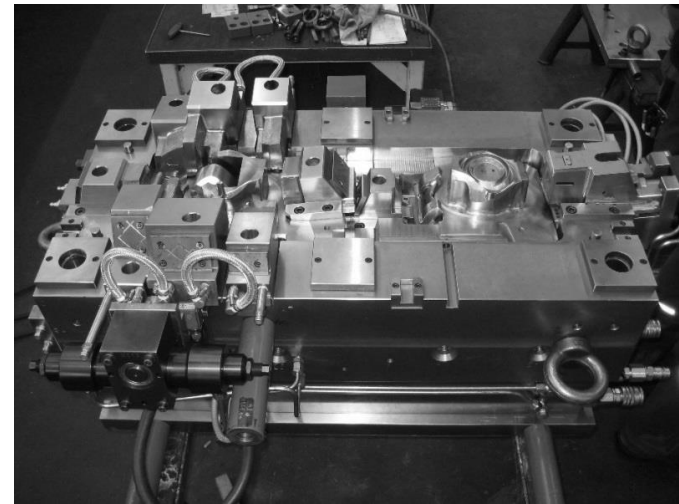
## Examples automotive: Mold (seat cover)



# Range of products

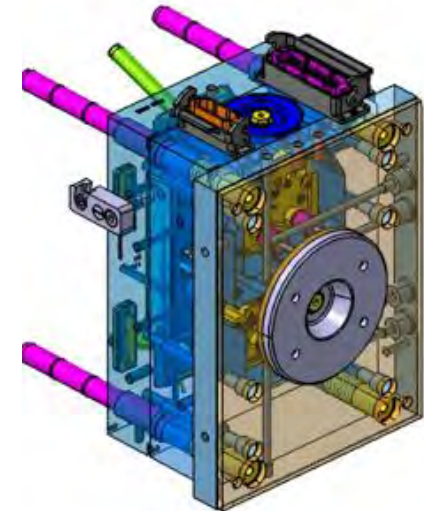
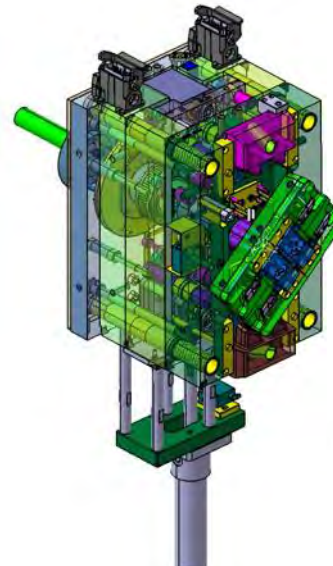
## Examples automotive:

### 2-Component-mold (tank recess)



# Range of products

## Examples automotive: 2-Component- Index plate mold



# Range of products

## Examples electrical industry: 2-Component-mold (Percussion drill)



# Range of products

## Examples automotive: Mold (Legroom coverage)



# References



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# Company headquarters

## Driving directions:

Address:

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Eugen-Hahn-Straße 35  
73565 Spraitbach

