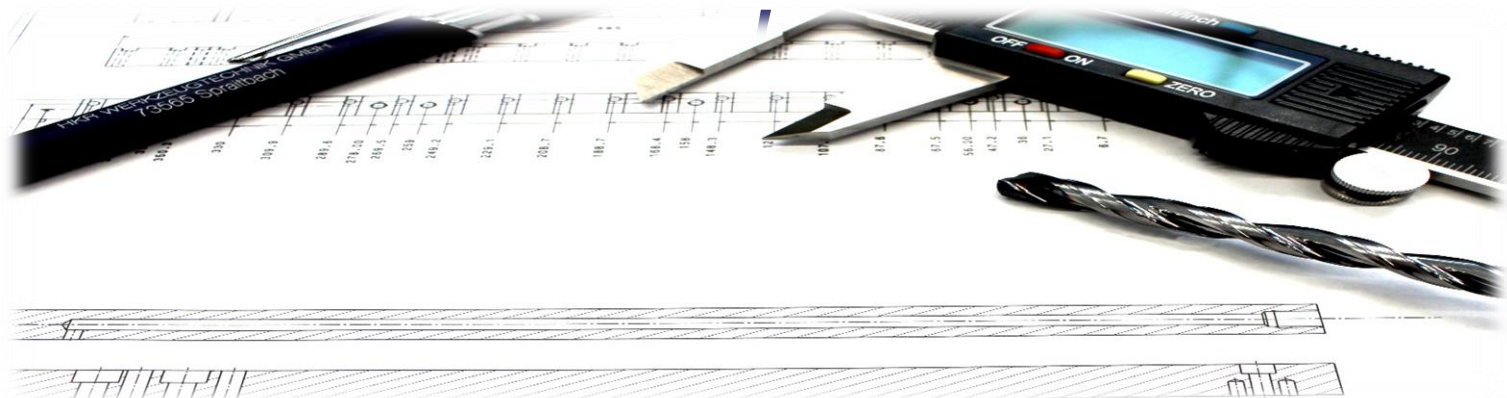


HKR Werkzeugtechnik

Perfection in mold design and construction





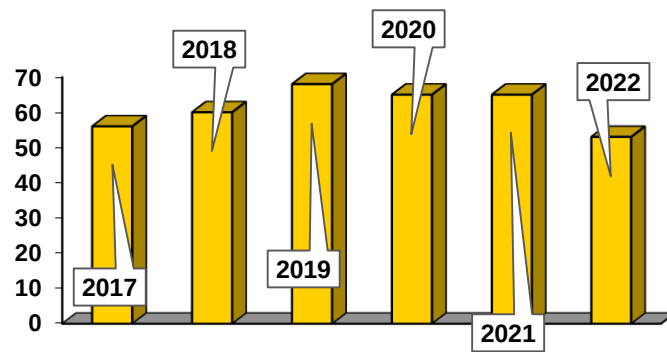
Company data

- Company foundation in 1994 by Wilhelm **H**ölldampf, Wilhelm **K**önig and Hans **R**udolf
- 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

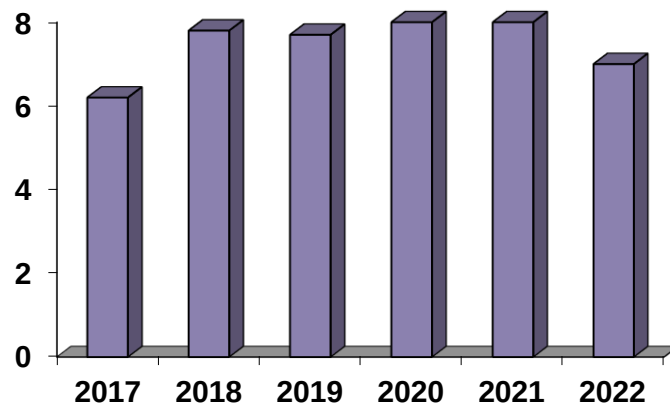
Company data

Headcount and sales volume

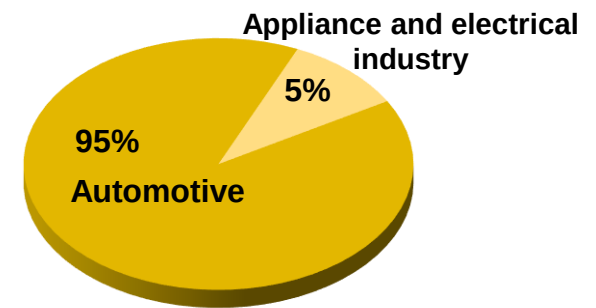
Business segments



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



ZDH-ZERT GMBH BESCHENIGT, DASS DIE ORGANISATION

HKR WERKZEUGTECHNIK GMBH
EUGEN-HAHN-STR. 35
73565 SPRAITBACH



IN DEN TÄTIGKEITSBEREICHEN

**ENTWICKLUNG, KONSTRUKTION UND HERSTELLUNG VON
SPRITZGIEßWERKZEUGEN FÜR VERSCHIEDENE TECHNOLOGIEN SOWIE
ABMUSTERUNGEN, VORSERIENFERTIGUNG UND LOHNBEARBEITUNGEN**

EIN QUALITÄTSMANAGEMENTSYSTEM ENTSPRECHEND DER FOLGENDEN NORM
EINGEFÜHRT HAT UND ANWENDET:

DIN EN ISO 9001:2015

DER ENTSPRECHENDE NACHWEIS WURDE DURCH EINE BEGUTACHTUNG ERBRACHT.

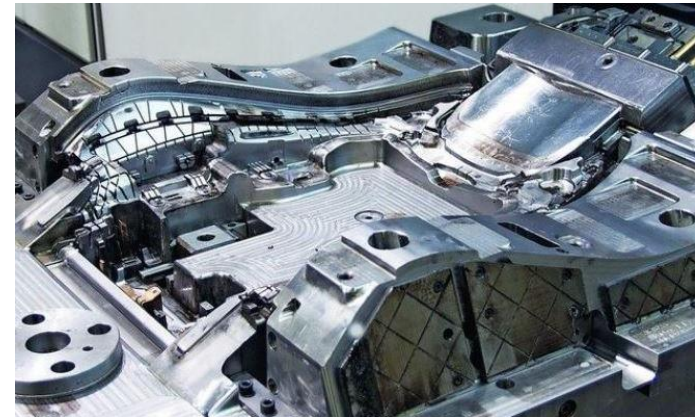
ZERTIFIKAT GÜLTIG BIS 03.10.2023
ZERTIFIKAT-REGISTER-NR.: 01 0205009
Bonn, 04.10.2020


Dipl.-Ing. Peter Lopp
Leiter der Zertifizierungsstelle



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



- 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
- Data / gateway in all popular formats: Catia V5, Tebis 4.0 R7, Step, IGES, VDA-FS, NX



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



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



POSmill E1100

Travel distance: 1100 x 600 x 510 mm

Spindle speed: ≤ 10.000 U/Min



Röders RP 800

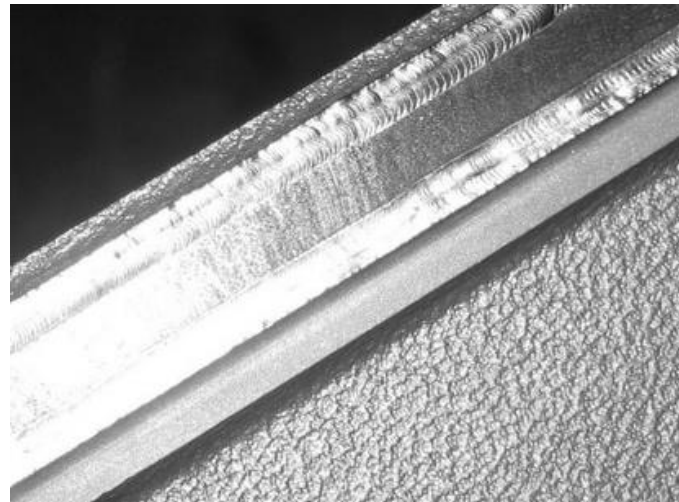
Travel distance: 800 x 600 x 400 mm



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



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 + Kraitm 600

Travel distance: 300 x 300 x 300 mm



- 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 material drying 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

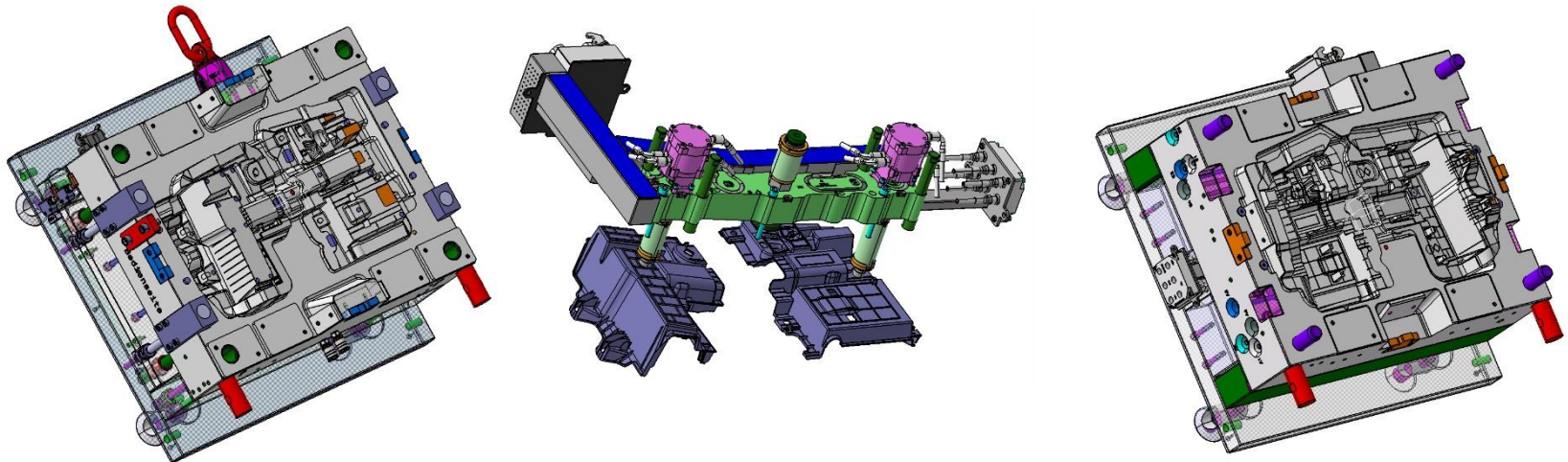


with lateral aggregate supply on our machinery

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



Examples automotive: Mold panel C-pillar

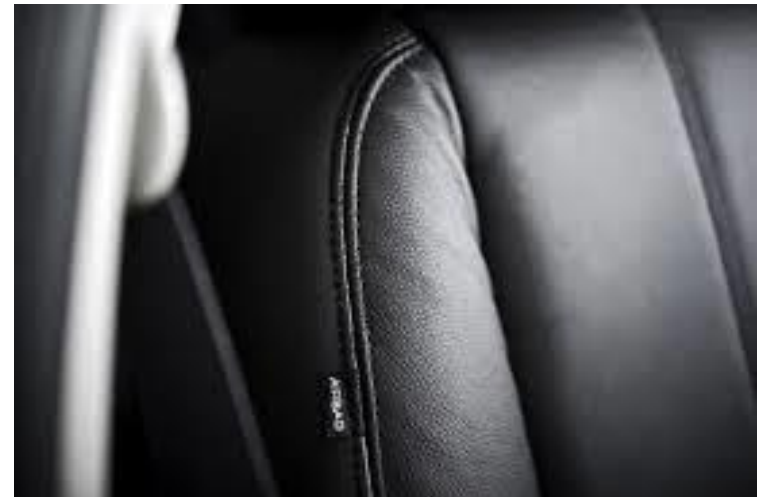


Mold side panel trunk incl. rollout



Range of products

Examples automotive: Mold (Airbag housing)



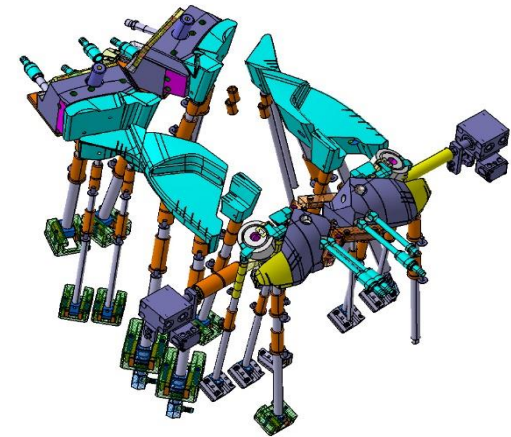
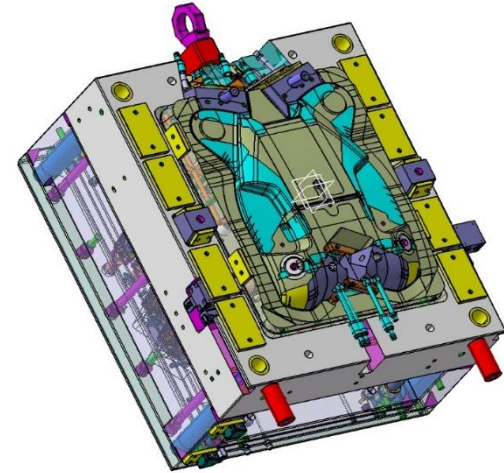
Examples automotive:

Mold (center console, deposition box and covers)



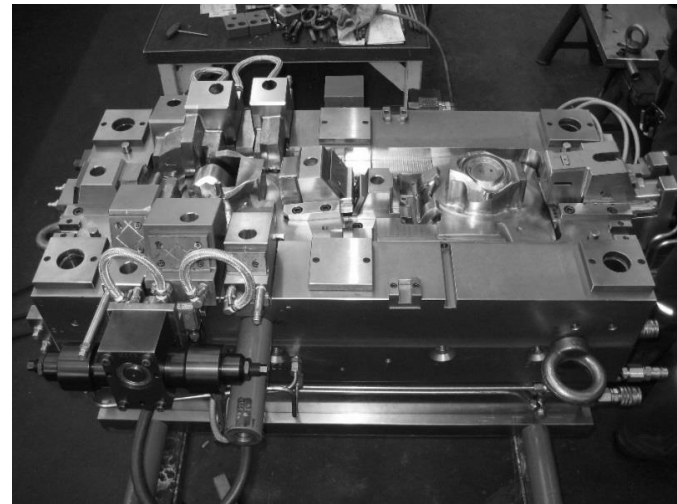
Range of products

Examples automotive: Mold (seat cover)

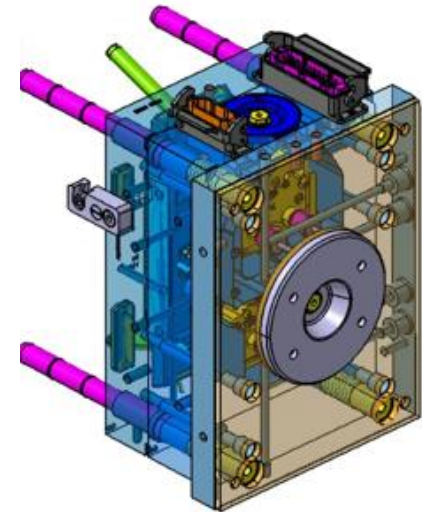
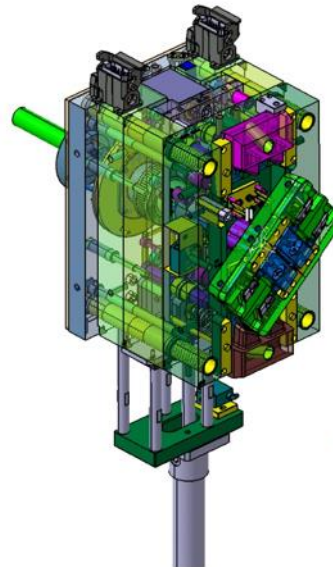


Examples automotive:

2-Component-mold (tank recess)



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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