



**Croner**®  
PRÄZISIONSFORMENBAU

We stick to  
**HEAVY**  
METAL!



MOULD AND DIE  
PRODUCTION



ENGINEERING



PARTS  
PRODUCTION



REPAIR  
AND SERVICE

# Real INJECTION MOULD EXPERTS

## TRADITION MEETS VISION

Croner Präzisionsformenbau GmbH is a family business with decades of experience in the field of Injection moulds and fixtures. With our approximately 30 highly motivated staff and innovative technology, we achieve complex customer requests within a very short time at competitive prices.

## INDUSTRY

We are considered a reliable partner by our customers for our implementation of projects – from the idea to series production and its quality assurance. Components from the automobile, medical, toy, electrical and cosmetics industries are part of our production range.

## SEARCH FOR TALENT



”

What you want is from the idea to series production within the shortest possible time, in the best possible quality and delivered on time?

Not convinced? ...well then: Come in and find out.

“



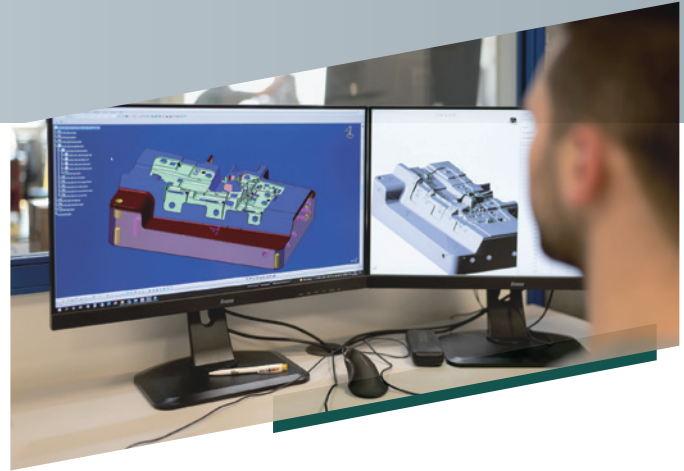
## INNOVATION

Ongoing investments in new technologies and machines as well as training and further education of our employees enable us to produce the best quality for our customers on time. With our ERP system, we're able to optimise all the steps in our work procedures. This means the greatest possible flexibility at the highest level of planning security.

# WE'VE GOT THAT SORTED

## DEVELOPMENT

In our design department, we work together with our customers and project managers to develop complex designs in CAD systems.



“As an owner-managed company with decades of experience in the field of mould making, Croner Präzisionsformenbau GmbH develops, builds and sells injection moulding tools from 1K to 2K and all the way to film-backed injection moulding (FIM) and Vario-therm tools while using the GID and MIM processes as well as the overmoulding of fine-stamped parts.”

## DESIGN

Installation, strength and production analyses support us during our design phase. CAD data can be processed via direct interfaces without data loss. The data security and confidentiality of all this is our priority.



## AUTOMATION MEETS PRECISION

The heart of our production is the fully automatic production line EROWA Robot Dynamic 150 L with the JMS 4.0 MoldLine process guidance system. By networking our high-end machines, we are able to measure and document fully automatically against 3D data within the required precision in our air-conditioned production facility.

## SOFTWARE

Catia V5	CAD / CAM
Cenit fast electrode	Die sinking automation
Visi CAD	Wire EDM
Autodesk Moldflow Adviser	Simulation
Schmale	calculation

## VISI

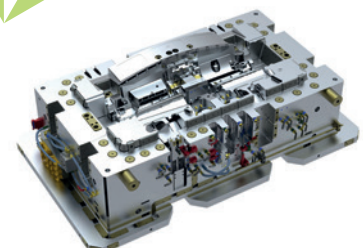
**Das Konstruktions- und NC-Programmiersystem für den Werkzeug- und Formenbau**

VISI gilt als eines der führenden Konstruktions- und NC-Programmiersysteme für den Werkzeug- und Formenbau. Es bietet Ihnen eine einzigartige Kombination von Anwendungen wie beispielsweise die integrierte Draht-, Flächen- und Volumenmodellierung, umfangreiche 2,5-Achsen, 3+2-Achsen- und 5-Achsen-Bearbeitungsstrategien sowie effektive HSC-Optionen. Anwendungen für Draht- und Senkerodieren komplettieren die CAM-Funktionalität von VISI.

| [hexagon.com](http://hexagon.com)



**HEXAGON**





THIS IS WHERE WE'RE AT HOME

# PRECISION at the CORE

“ Since our production always uses state-of-the-art technology, you're guaranteed to receive your tool from us precisely, on time but also cost-effectively conditions.

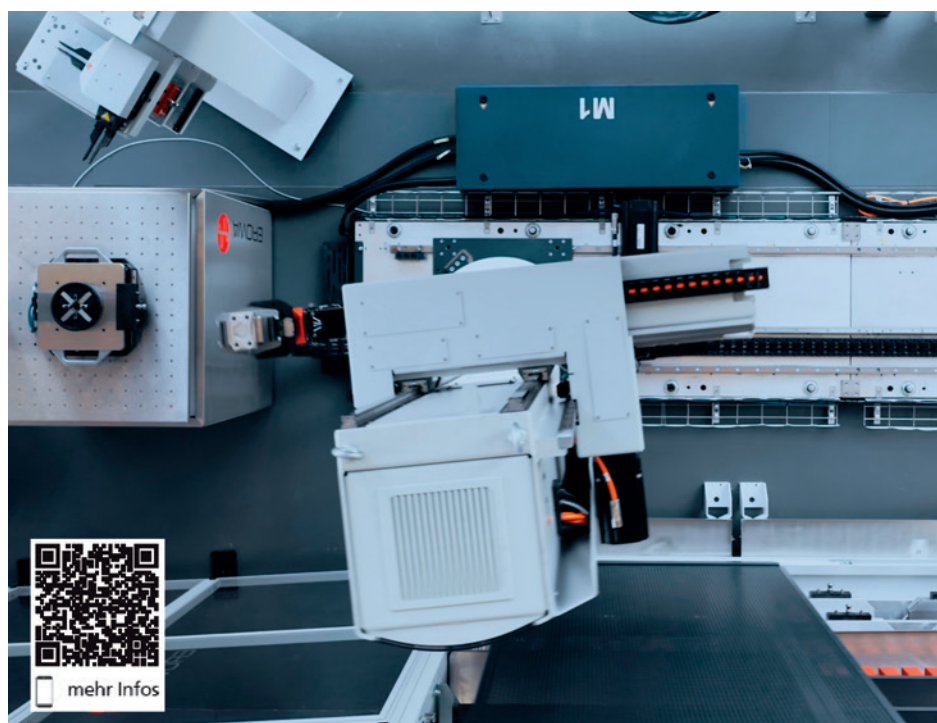
“

## CRONER PRECISION: BECAUSE QUALITY DOESN'T HAPPEN BY CHANCE

With our expertise, we produce injection moulding tools for small and large series up to a size of 1,400 mm. Tools where superior accuracy is required as well as the quality of separation transitions and surfaces (chrome and other visible parts), are also part of our standard delivery programme. We use CATIA software throughout as a system from design to production.



WE'RE HAPPY TO SUPPORT  
YOU IN DESIGNING THE ITEMS  
YOU NEED AND IN THE PLASTIC-  
COMPATIBLE DEVELOPMENT  
OF YOUR PARTS.



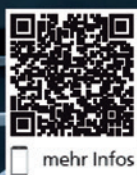
## Passion for precision

Mit dem EROWA Robot Dynamic 150L beschaffen Sie nur so viel Automation wie zur Zeit sinnvoll für Ihr Unternehmen ist.

Ändern sich die Anforderungen an die Fertigungskapazität, lässt sich das Robotersystem jederzeit und modular erweitern. Transfergewicht bis 150 kg. Gemischte und flexible Magazin-Beladung möglich.

[www.erowa.com](http://www.erowa.com)

EROWA 



mehr Infos

## PARTS PRODUCTION

### CRONER PRECISION: BECAUSE ACCURACY IS NOT A CLICHÉ

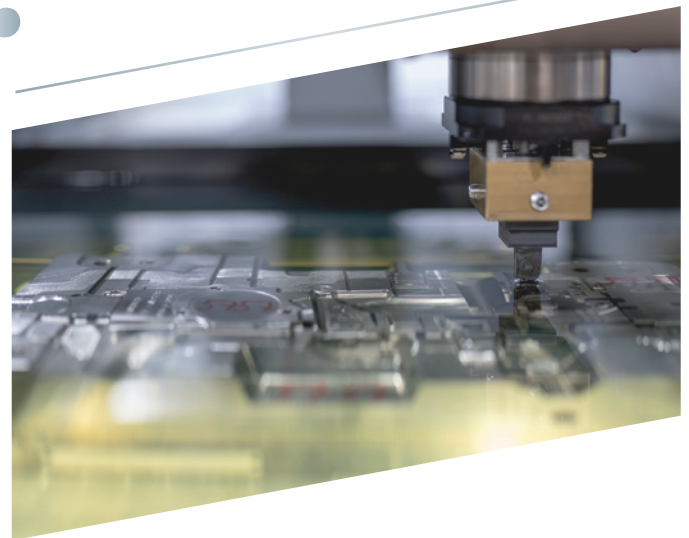
With our five-axis HSC processing centre with a pallet station and our high-speed die sinking erosion machine (Gantry Eagle 500), we produce high-quality sample and pre-series tools within a very short time to check the required physical item properties. Internal gas pressure and 2K technology are used effectively with our support in series production.

Sampling and the creation of an initial sample test report are carried out with external partners on request.

“In numerous projects from various industries, from automotive, aviation or energy technology all the way to the packaging industry and mechanical engineering, we have already been able to put our skills to the test in the production of precision components.”



**SPRING COVER 4-FOLD**  
Mould release is at +/- 1/100 mm



### TOOLS – PROCEDURES – SIMULATIONS

Light guides in the vehicle interior (ambience and control panels)

Metal spraying, MIM process

Internal gas pressure, GID process.

Film rear injection, IMD process, etc.

Sampling with injection machines from 6 to 460 tonnes clamping force

Creation of EMPB possible if required

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## THE TOOLS WE BUILD

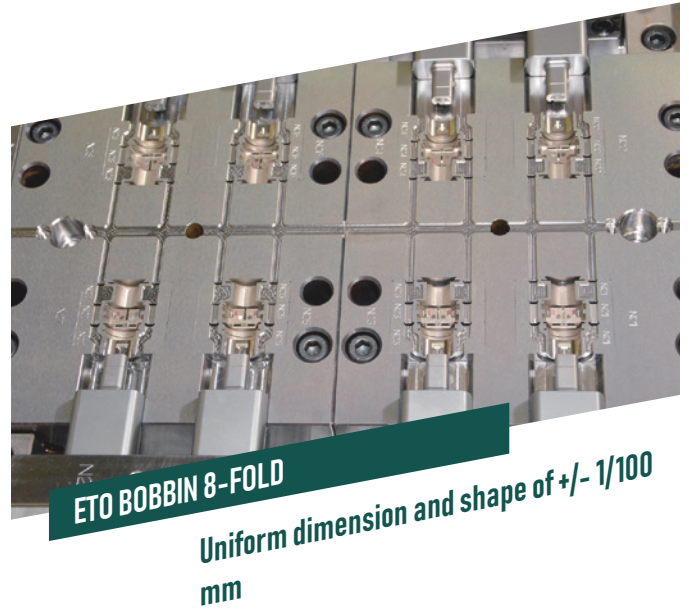
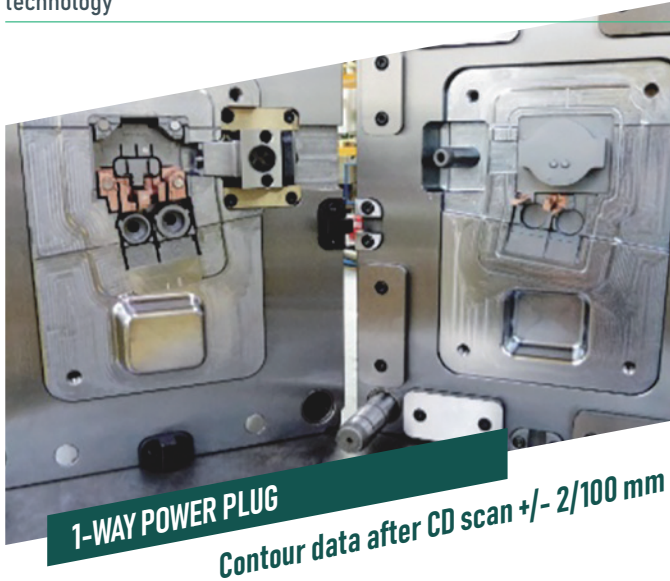
Dimension up to 1200 x 800 x 800

Weight up to 3.5 tonnes.

Chrome parts with high level separation and surface requirements

Multiple component technology

Overmoulded fine-stamped parts using sliding table or turntable technology



**tebis**

Consulting

## Unternehmen verbessern, Wandel gestalten

Ob Einzelteil- bzw. Serienfertigung oder wenn es darum geht, Zukunftskonzepte zu erarbeiten – wir durchdringen die technischen und wirtschaftlichen Abläufe und beraten Sie für maximale Effizienz.

Wir beraten, damit sich etwas ändert.

[www.tebis-consulting.com](http://www.tebis-consulting.com)

Croner Präzisionsformenbau und Tebis Consulting –  
danke für die jahrelange freundschaftliche Partnerschaft!



## REPAIR AND SERVICE

# Smart SERVICE SOLUTIONS

JUST GET IN TOUCH WITH US  
IF YOU WISH TO TAKE ADVANTAGE  
OF OUR REPAIR SERVICE

**WE'RE HAPPY TO HELP YOU  
AT ANY TIME**

**SIMPLY CALL**

 **0981 650 50 69-23**

**OR SEND AN EMAIL TO**

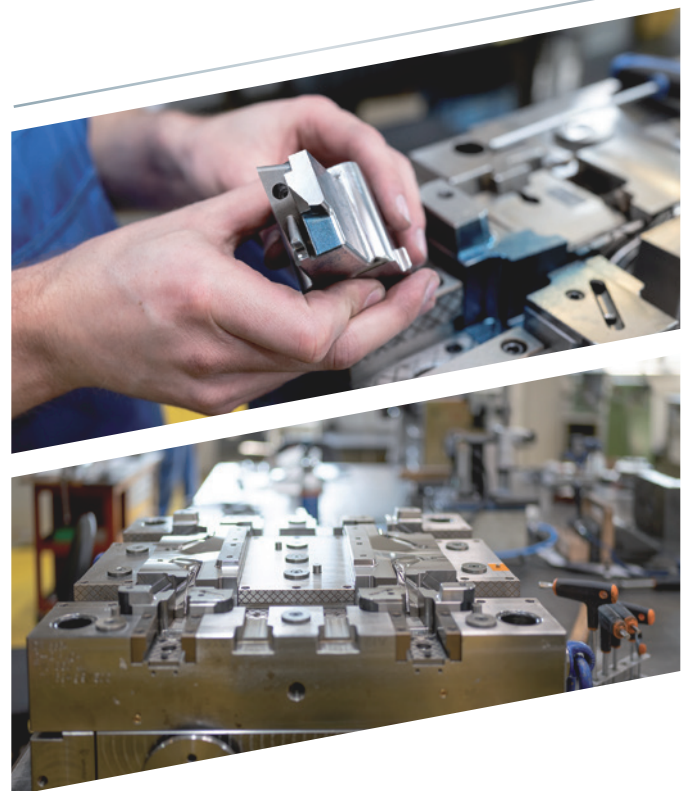
 **r-s@croner-formenbau.de**

We'll get to work to ensure you can start producing again  
without a problem as soon as possible.



**PRODUCTION IN PROGRESS  
AND IN THE SHORTEST POSSIBLE  
TIME. AVOID DOWNTIMES – SAVE  
MONEY:**

- Our team carries out tool repairs and alterations with the highest precision and in the shortest time possible.
- Of course, these services are also available for third-party tools.
- With our professional advice and assistance, we can often help our customers - even in hopeless situations.
- Of course, we also produce at customer request spare parts for your existing tools.



*Die Werkzeugmacher*



DIN EN ISO 9001  
REG.-NR. 01 0123140





**Croner**®  
PRÄZISIONSFORMENBAU

WE LOOK FORWARD  
**TO HEARING  
FROM YOU**

**CRONER  
PRÄZISIONSFORMENBAU GMBH**

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