

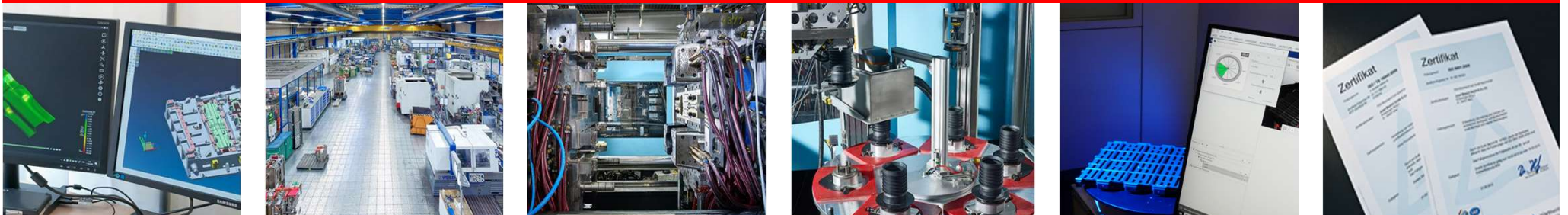


Josef Mawick Kunststoff-Spritzgusswerk GmbH und Co. KG is a mid-sized, family-owned company based in Werl-Soennern (Germany).

We have been producing technologically advanced plastic injection moulding and blow moulding parts for well-known manufacturers from a wide range of industrial sectors since 1958.

From the idea through design, simulations, in-house toolmaking, measurement technology, production and assembly lines as well as the relevant quality documentation to the final product with a global supply chain – we are here to support you as an innovative full-service partner.

Your professional partner in the field of plastic injection moulding and blow moulding



Josef Mawick
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Development / Design

- Competent consulting and support by our project managers and design engineers
- Product development
- Feasibility studies
- Analysis of 3D data, drawings and specification sheets
- Simulations: filling, shrinkage and warpage calculation
- Design software: VISI
- 3D data formats: IGES, STEP, Parasolid, DXF, CATIA, WKF

Tool shop

- Approx. 35 employees incl. apprentices (2-shift system)
- In-house production of new tools and devices
- Separate maintenance and repair department
- CAD/CAM controlled machinery
- 5-axis high-performance milling centre
- CNC milling machines and lathes
- Wire and sink eroding machines (EDM)
- Grinding machines
- Spotting press
- Handling of tools of up to 15 t
- Special tool storage with approx. 1,500 storage spaces

Production

- Approx. 240 employees (3 shifts over 5 days; expansion to 3 shifts over 7 days is possible)
- 50 injection moulding machines (50 to 1,500 t clamping force)
- 2 blow-moulding machines for PE/PP parts with a volume of up to 120 liters
- Single- and multi-component injection moulding
- Gas-assisted injection moulding technology (GIT)
- Injection compression moulding
- Overmoulding of inserts (automatically and manually)
- Clean room hall in hall area on 800 sqm production area – based on VDA 19.2
- Processing of all thermoplastics and high-performance plastics
- Approx. 5,000–6,000 tons of material used per year

Surface finishing/Unit Assembly

- Automated, semi-automated and manual assembly
- Welding of components with the help of hot plate welding, ultrasonic welding and friction welding
- DMC or CR Code Laser
- Hot stamping
- Pad printing
- Coating and evaporation
- Foliation and labelling
- Packaging and packing (according to customer requirements)

Quality Management

- Certifications: IATF16949:2016 and ISO 9001:2015
- Certification to ISO 50001:2018 Energy Management
- ECOPROFIT company certified by WIF-Dortmund
- Complete traceability of all manufacturing and inspection processes by means of automated data acquisition in PDA and CAQ systems
- Measuring equipment: tactile 3D measurement, GOM scan system, 3D profile projector, roughness measurement, spectral measuring station, tension tests, manual and visual inspections
- First article inspection according to VDA/PPAP or customer requirements
- Continuous development of processes and products
- Supplier development

Logistics

- Batch traceability from incoming goods to outgoing goods
- Individual order picking
- Order processing via RDT and EDI
- Barcode and VDA labelling
- Truck-scale to comply with SOLAS guideline
- Worldwide delivery
- High-bay storage with 12,000 pallet spaces

Industrial Sectors

- Agriculture
- Plant and machine construction
- Automotive
- Construction sector
- Electronics
- Garden and leisure sector
- Consumer and household goods
- Other sectors

Contact

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