



Contact us

MAIN LOCATIONS

Germany (head office)

WMS-engineering
Werkzeuge-Maschinen-Systeme GmbH

Jahnstraße 1
79771 Klettgau-Grießen

T + 49 (0) 77 42 85 75 70
F + 49 (0) 77 42 85 75 7 199

www.wms-engineering.de
info@wms-engineering.de

Germany

WMS Robotics GmbH

Martin-Luther-Straße 16
31177 Harsum

T + 49 (0) 51 27 40 40 060
F + 49 (0) 51 27 40 40 690

www.wms-robotics.de
info@wms-robotics.de



BRANCHES & AGENCIES

France

WMS-engineering
Werkzeuge-Maschinen-Systeme GmbH

11 Rue Mittler-Weg
68000 Colmar

T + 33 (0) 389 20 46 76
F + 33 (0) 389 20 43 79

www.wms-engineering.de
info@fr.wms-engineering.de

UK & Ireland

Ellesco Ltd

6 Airfield Rd
Christchurch, BH23 3TG

T + 44 (0) 1202 499400

www.ellesco.co.uk
general@ellesco.co.uk

Italy

Simu s.r.l.

Corso Orbassano 336
10137 - Turin

T + 39 (0) 11 3000333

www.simusrl.com
simu@simusrl.it

USA

Creative Automation Inc.

1175 E. North Territorial Rd.
Whitmore Lake, MI 48189

T + 1 (734) 780 3175
F + 1 (734) 780 3189

www.cautomation.com
sales@cautomation.com

Czech Republic

Newtech s.r.o.

Evropská 423/178,
CZ-160 00 Prague 6

T + 42 (0) 233 090 451
F + 42 (0) 233 090 444

www.newtech.cz
info@newtech.cz

Watch our
image video
here



Our know-how makes your process reliable

We are the inventors of automatic defined geometry deburring and we supply system solutions – from individual systems to complex assembly lines – for the workpieces of customers to whom the process matters most. With more than 25 years of robot automation experience, we guarantee our customers a reliable process. Our core competencies are in the following segments:



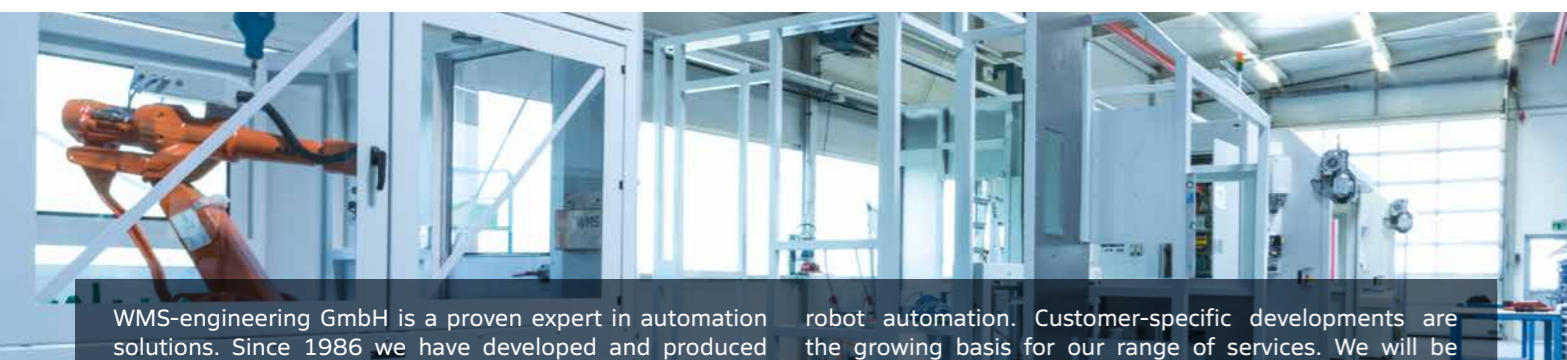
Tools



Machinery



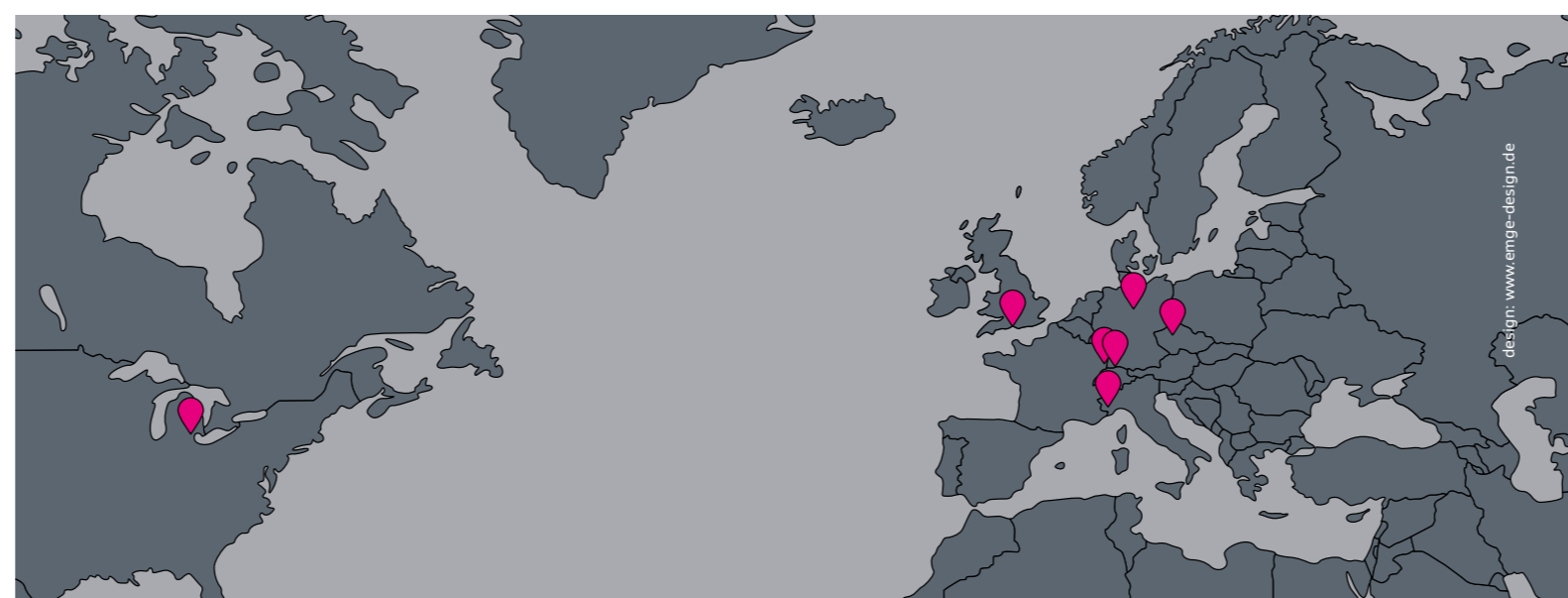
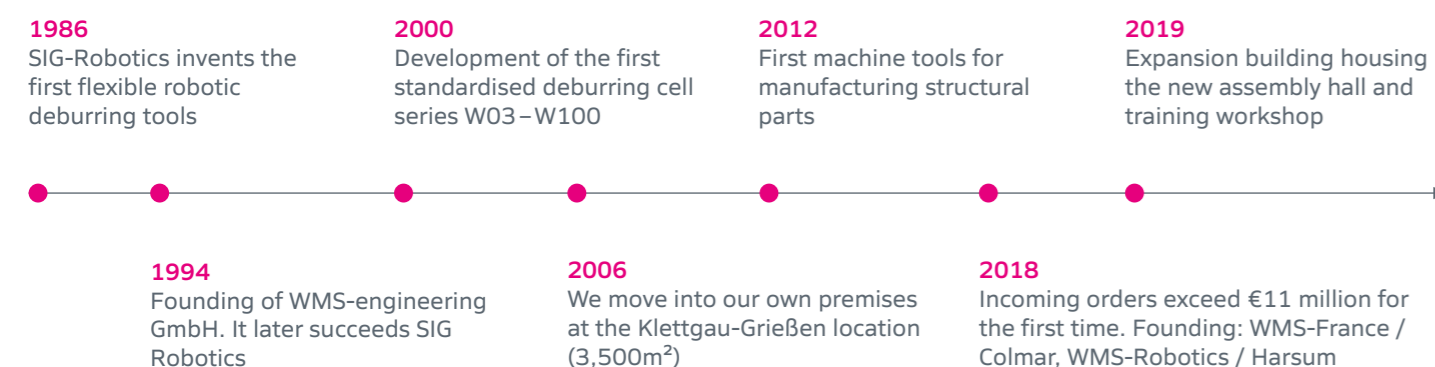
Systems



WMS-engineering GmbH is a proven expert in automation solutions. Since 1986 we have developed and produced everything needed for the economical machining of your components – whether it is an individual machine or an entire system. We are setting standards in the field of

robot automation. Customer-specific developments are the growing basis for our range of services. We will be happy to accompany you – from the initial concept to rapid commissioning: process engineering with full responsibility and complete service.

The milestones of our success story



**Machines
and systems**

We make solutions

Special and standard machine construction can be combined. We will prove it.

>25 YEARS OF EXPERIENCE – OUR GUARANTEE

As a trailblazer in the field of mechanised deburring and the inventors of the deburring spindle, we epitomise tradition and reliability. Our know-how is your guarantee for maximum process quality.

WE OFFER COMPLETE SOLUTIONS

Comprehensive systems from the design concept to a turn-key product. That has always been our aspiration and our passion.

COMPLEXITY MADE SIMPLE

Our plants are based on a standardised modular system. It is individually adapted to the respective customer requirements by our product designers. With modular expansions, such as washing, measuring, palletising and many other options, our proven product range can implement nearly any task.

OUR PRODUCTION EFFICIENCY BEGINS IN-HOUSE

And we pass it on to you. Our high production depth guarantees optimal quality. Prototypes and PA gripper fingers as 3D prints complement our range of services.

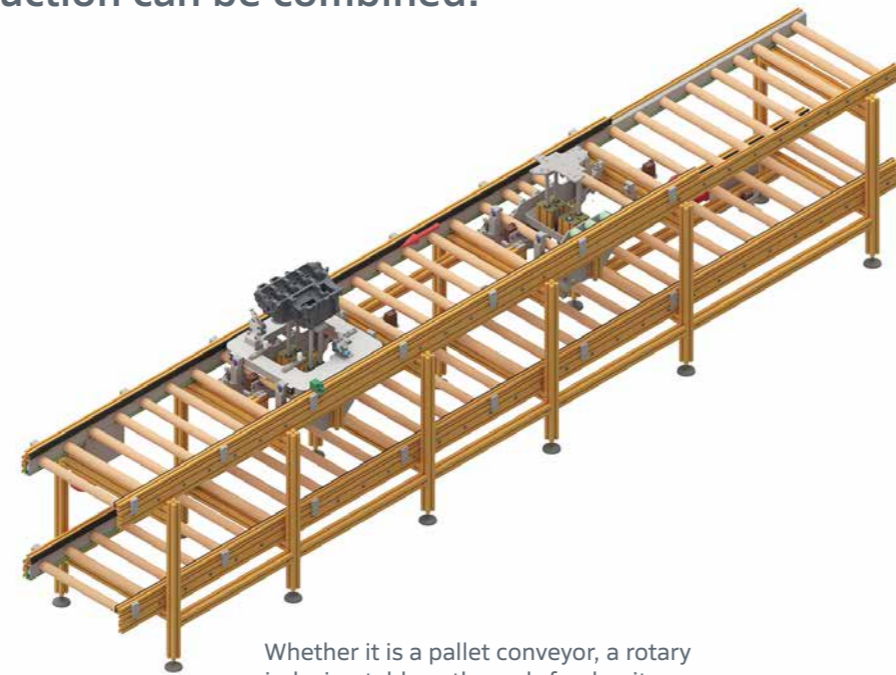
DOWN-TO-EARTH AND FLEXIBLE

Our compact cell, which can be transported with a forklift, guarantees quick assembly and flexible conversions.

SUPPORT AS A MATTER-OF-COURSE

At WMS, the customer focus extends way past the final acceptance. We offer a spare part and maintenance management that you can rely on. Our remote maintenance makes this process even easier. We promise a smooth operation thanks to our quick and flexible troubleshooting.

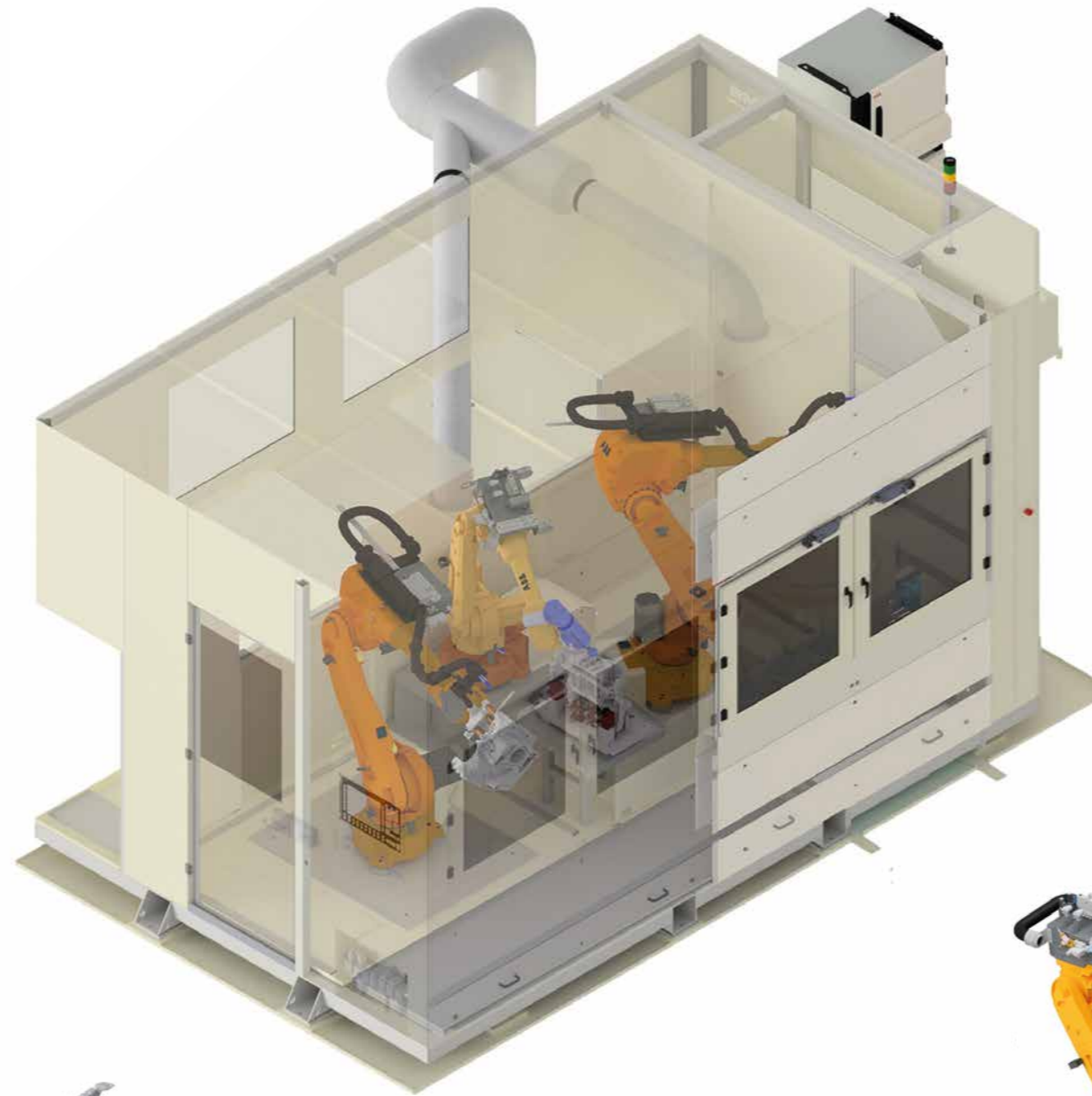
Find out more at:
www.wms-engineering.de/referenzen



Whether it is a pallet conveyor, a rotary indexing table, a through-feed unit or a direct connection to the machining centre, we have already successfully implemented any conceivable component feeding and discharge technology.

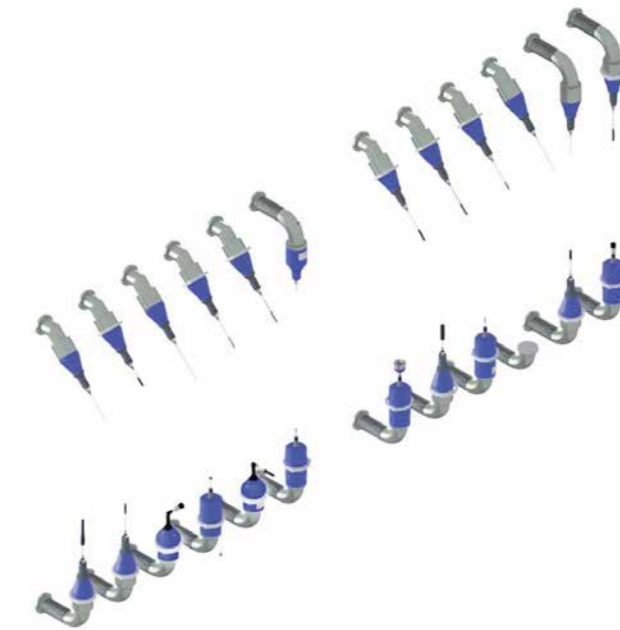


You want to keep your ground clear? No problem with our horizontal axis



The gripper is engineered by specialists in the field. The correct design of the gripper is the key to a process-reliable deburring result.

With a selection of currently more than 100 WMS tools and variants, we are able to reliably machine nearly any contour.



Ideally suited for machining structural components. The rotating WMS double belt grinding machine

For separating and machining with diamond disks: The WMS double bench grinder



ABB / Fanuc / Kuka: It's your choice.



Your component. Our solution.

COMPONENTS

- Exhaust manifold
- Steering knuckles
- Rims
- Gearbox housings
- Pistons
- Engine blocks
- Connecting rods
- Pump housings
- Structural parts
- Turbine blades
- Turbo chargers
- Valve housings
- Compressor housings
- Shafts
- Gears
- Intermediate plate

MATERIAL

- Aluminium
- Cast iron
- High-alloyed metals
- Plastic
- Sintered materials
- Steel

PRIMARY TASKS

- Fetting
- Precision deburring

SECONDARY TASKS

- Part marking
- Handling
- Assembly / Dismantling
- Stamping
- Washing



SINGLE

- Single-robot solution
- An economic solution
 - Compact
 - User friendly



TWIN

- Twin-robot solution
- Cycle time reduction
 - Work processes are split up
 - Expanded tool magazine



TRIPLE

- Triple-robot solution
- For very short cycle times
 - For complex machining operations
 - Small footprint



W10

- Workpiece weights up to 10 kg
- Compact component geometry



W30

- Workpiece weights up to 30 kg
- Aluminium structural parts



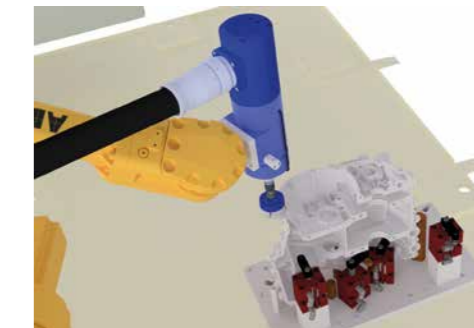
W100

- Workpiece weights up to 100 kg
- Well-suited for large components



WORKPIECE-GUIDED

- For compact components
- For low-weight workpieces



TOOL-GUIDED

- Heavy workpieces
- Well-suited for very large components