

Bühler CZ s.r.o.

Company presentation



March 28th, 2019

Innovations for a better world.

BUHLER

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Bühler CZ s.r.o., Zamberk.

Our activities.

- Procurement
- Outsourcing

Custom-Tailored Solutions

- Machining
- Sheet-metal working
- Surface finish
- Assembly
- Engineering

- Delivery
- Services
- Spare parts



Current Product Portfolio.

- Manufacture and assembly of machines for processing foods, as well as industrial equipment.
- Precise machining of cubic and rotating parts.
- Production of gearboxes, belts, pulleys and complete drive mechanisms.
- Electric cabinets assembly
- Engineering, Prototyping



Manufacturing technologies.

Machining Process.

Material

- Alloy steel
- Stainless steel
- Cast steel
- Grey cast iron GG 15–25
- Nodular cast iron GGG 40–70
- Alu castings
- Die castings AlZn
- Copper
- Brass

Surface treatment

- Hardening
- Hard nickel coating
- Blackening
- Phosphatizing
- Painting

Accuracy grade IT6

Quantity: 150–2'000 pcs. p.a.
Batch: min. 20 pcs.

CNC machining (milling and drilling, threading),
surface finishing

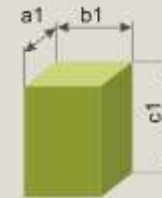
Cubical parts

minimum:

$$a1 \times b1 \times c1 = 40 \times 40 \times 40 \text{ mm}$$

maximum:

$$a1 \times b1 \times c1 = 1'400 \times 1'400 \times 1'200 \text{ mm}$$



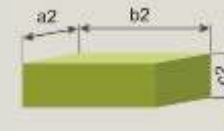
Flat parts

minimum:

$$a2 \times b2 \times c2 = 40 \times 40 \times 10 \text{ mm}$$

maximum:

$$a2 \times b2 \times c2 = 750 \times 3'000 \times 870 \text{ mm}$$



Manufacturing technologies.

Machining Process.



Manufacturing technologies.

Turning work.

Material

- Steel
- Alloy steel
- Grey iron
- Aluminium
- Brass

Surface finish

- Hardening
- Hard nickel coating
- Blackening
- Phosphatizing
- Painting

Accuracy grade IT6
Quantity 150–5'000 pcs. p. a.
Batch min. 20 pcs.

Pulleys and flanges

- Solid belt pulley
- Pulley
- Multistep band wheel

CNC turning and balancing



Max. L2 = 1'000 mm

Ø D2 = 5–600 mm

Shafts

CNC turning and grinding,
high-frequency hardening



Max. L1 = 2'000 mm

Ø D1 = 10–315 mm



Manufacturing technologies.

Sheet-Metal Production.



Manufacturing technologies.

Sheet Metal Processing.

Material

- Sheet iron
- Stainless steel
- Aluminium

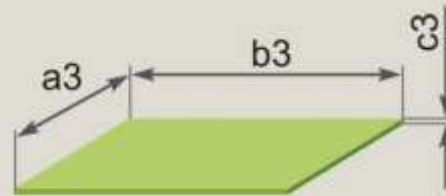
Surface treatment

- Powder coating
- Galvanization
- Blackening
- Phosphatizing
- Painting

Quality free of burrs

Sheet metal parts

- Laser cutting
- Press brakes- bending
- Rolling
- Crimping
- MAG/TIG welding
- Bold welding, spot welding
- Surfacing
- Assembling



maximum:

$$a3 \times b3 = 1'500 \times 4'000 \text{ mm}$$

$$c3 = 0,8\text{--}20 \text{ mm}$$



Manufacturing technologies.

Surface Treatment, Degreasing, Painting.



Manufacturing technologies.

Assembly of OEM Units, Machines, Electric Distributors.

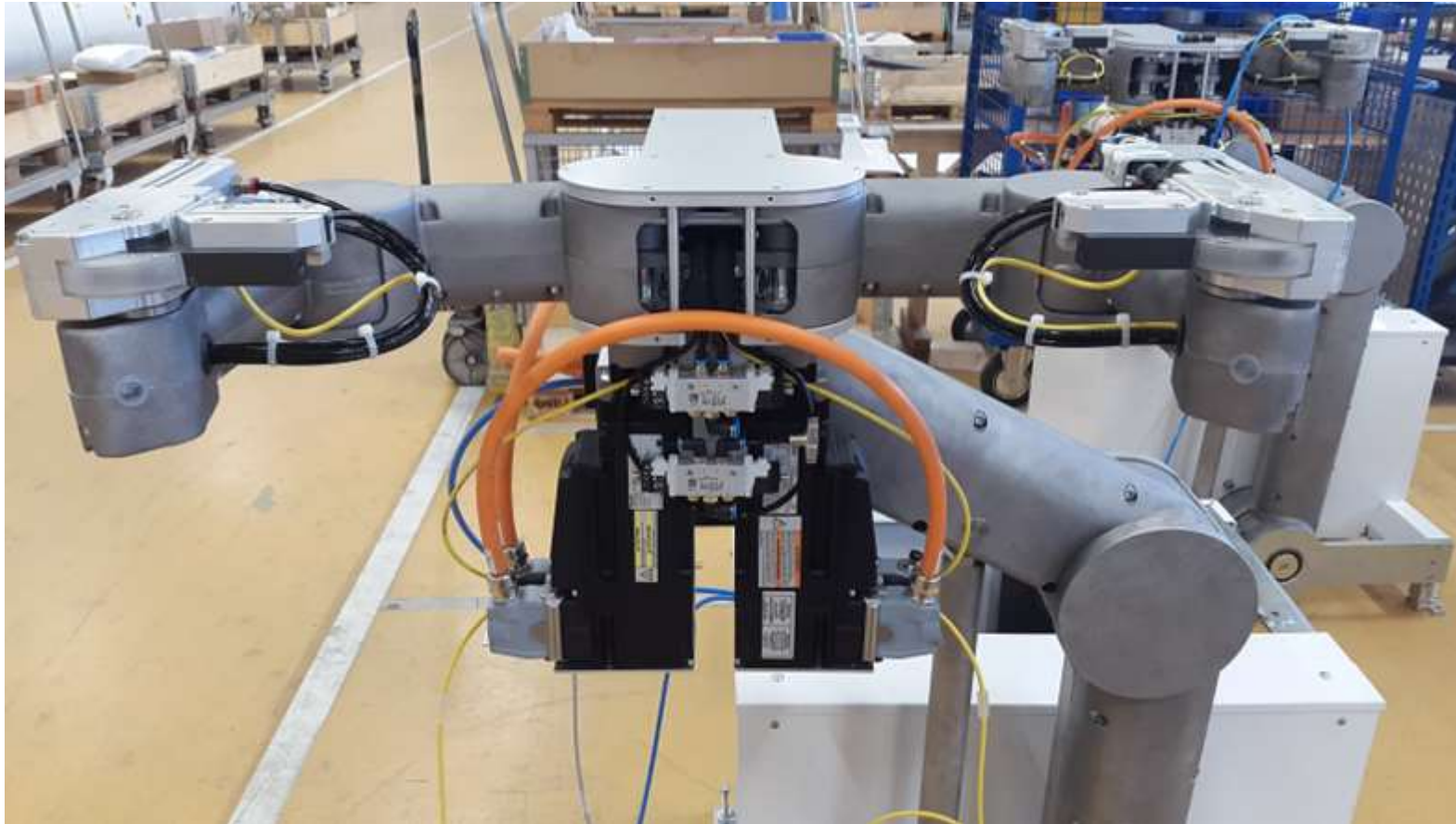
Product weight

Up to 7 t



Manufacturing technologies.

Assembly of Equipment for Processing of Foods.

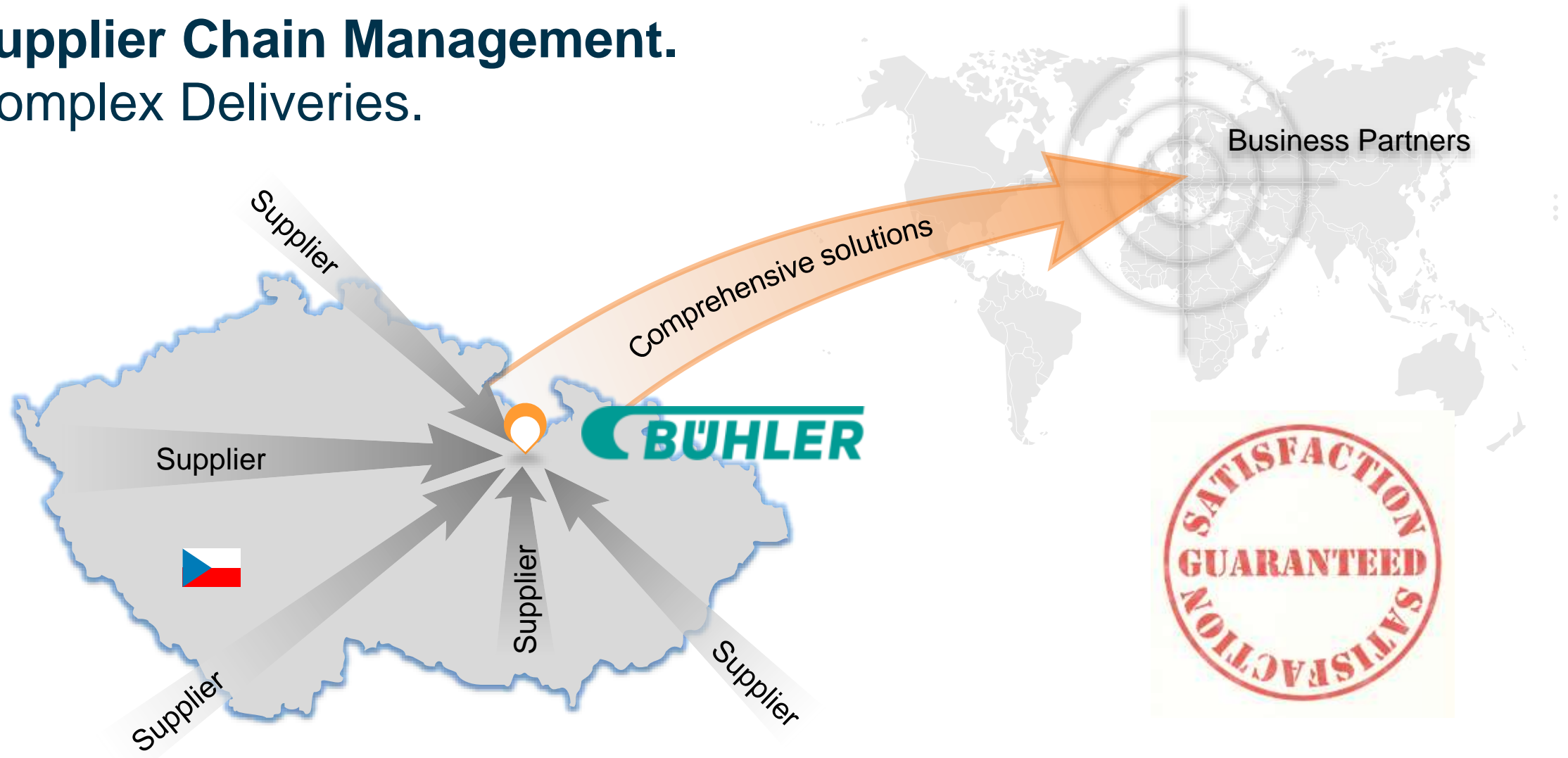


Quality and Process Reliability. Certification.

- ISO 9001:2015 System certification SGS
- ATEX – Product Quality Assurance Notification

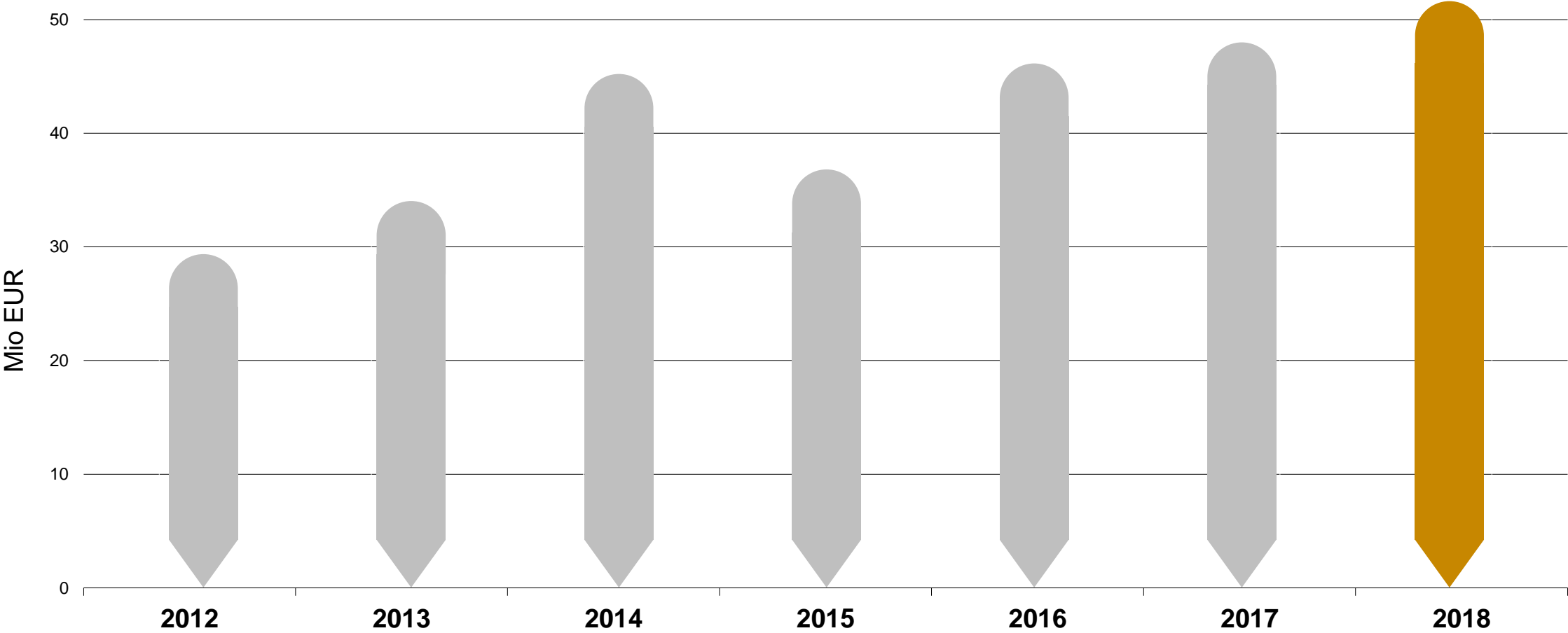


Supplier Chain Management. Complex Deliveries.



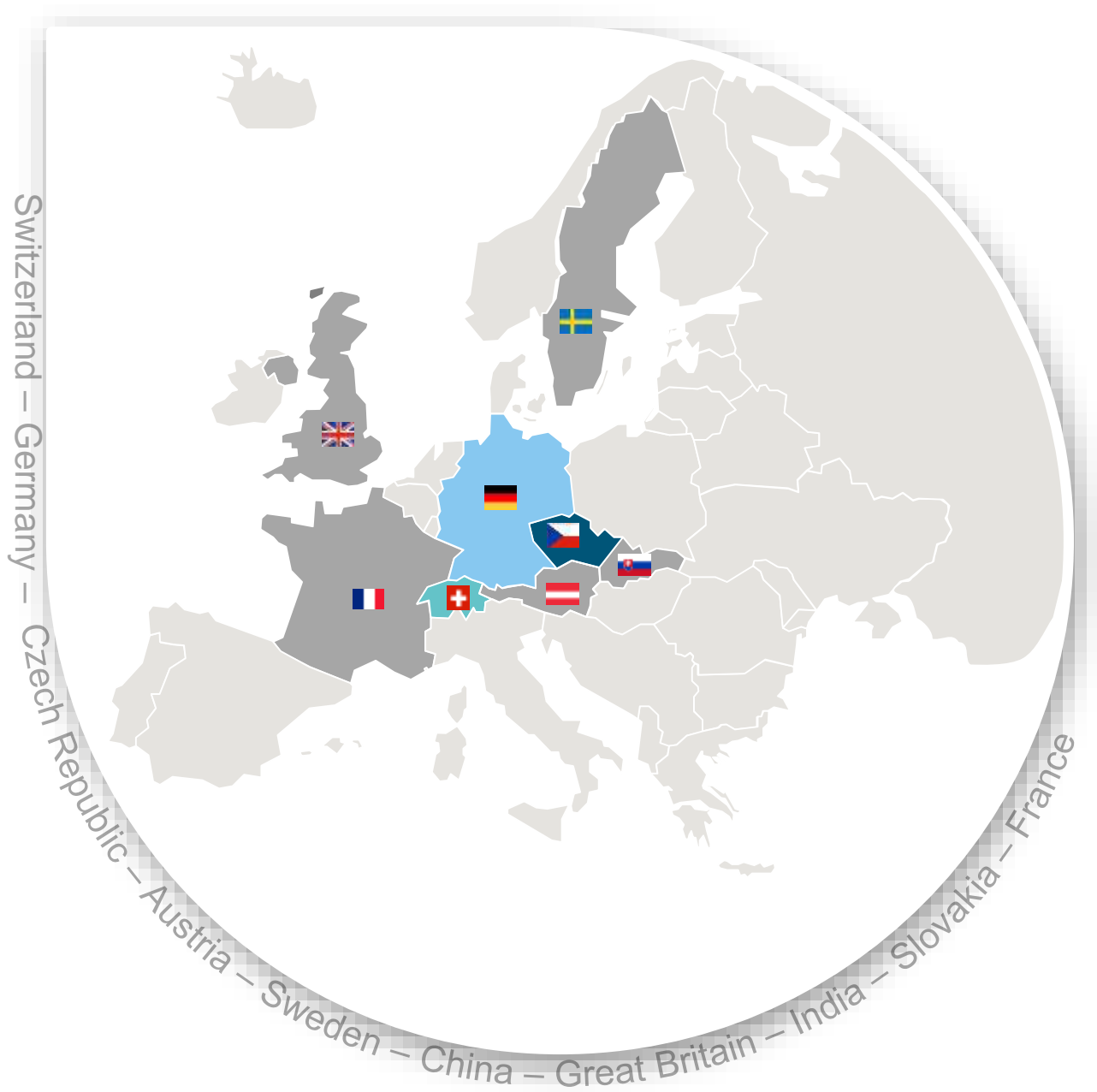
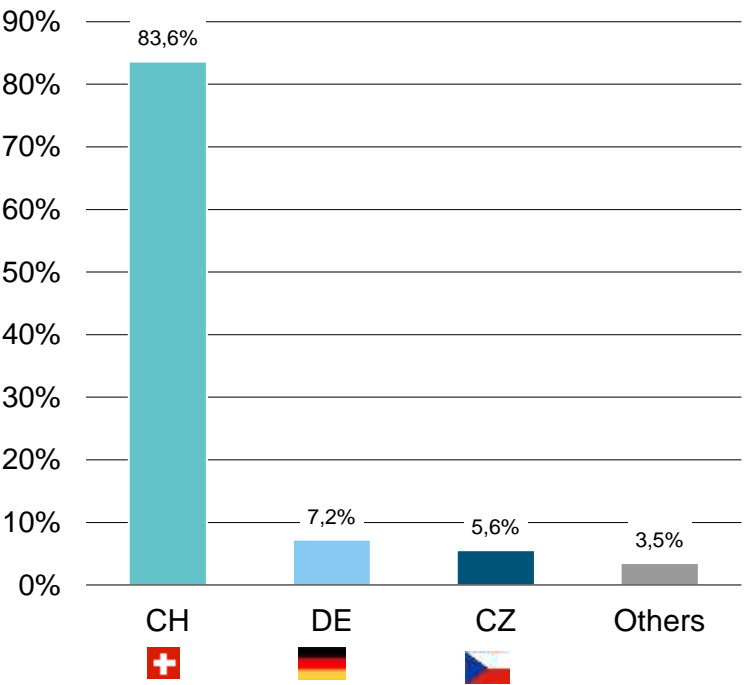
From materials purchase, CNC machining and sheet-metal processing, surface treatment, final assembly, right through to the delivery itself, all in premium quality and on time.

Turnover Growth.



Trading Countries 2018.

Market Share by Country.



References.

Customers.

RIETER

Rexroth
Bosch Group

Tractel
Greifzug GmbH

mall//herlan

TRÜTZSCHLER

© **STACO** **taconova**


KOSTWEIN

ORPU

 **ITEMA**

radicon 

bosal oris

FESTO

 **EDWARDS**

gallus



schlatter

 **DAVID BROWN**
Engineered around you

 **Burckhardt
Compression**

HÄGGLUNDS

GD
GARDNER DENVER

ferag...

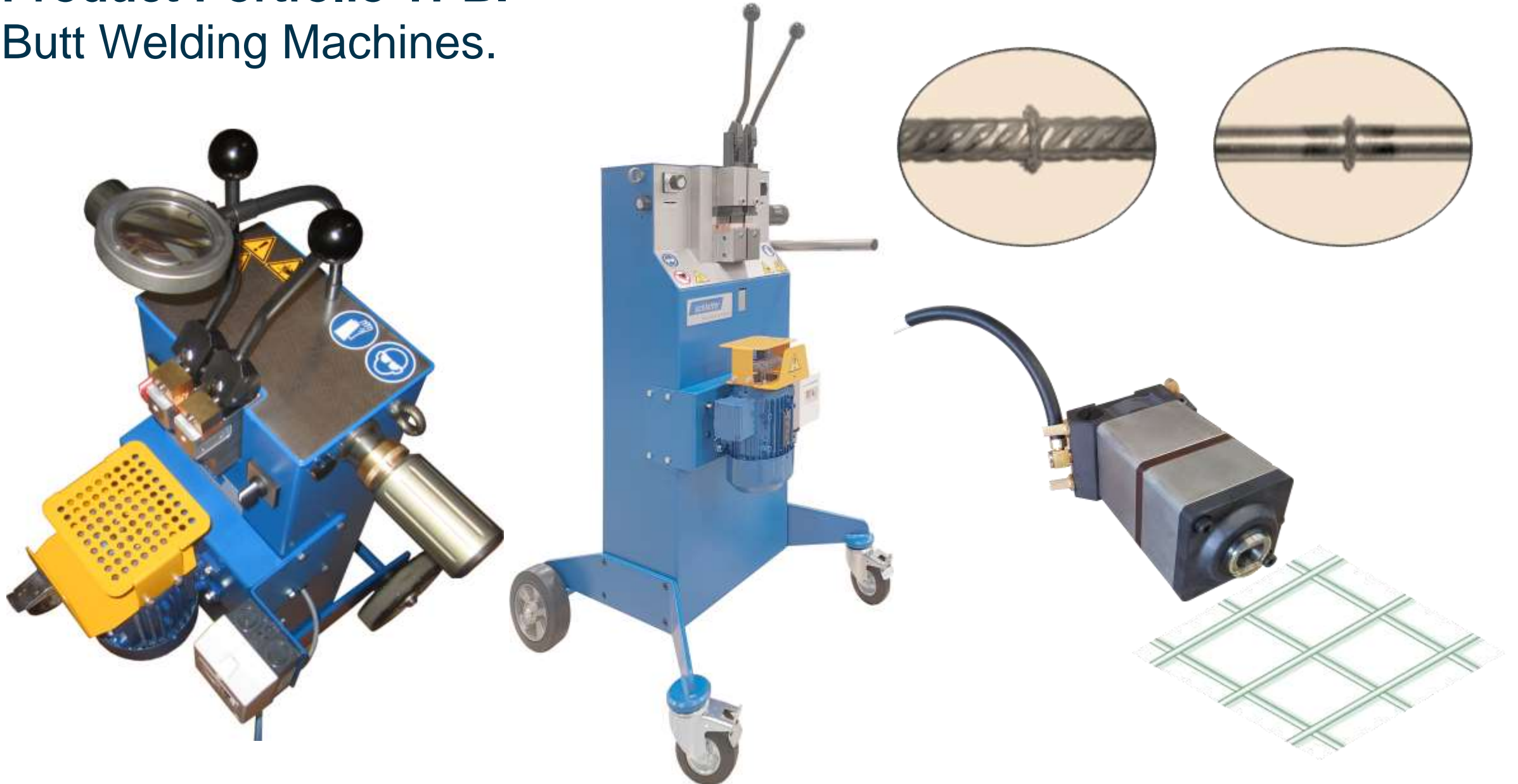
Supplement Illustrations

Formerly Product Portfolio.

Gearboxes.



Product Portfolio TPB. Butt Welding Machines.



Product Portfolio TPB.

Sekundärplattform + Lift Table



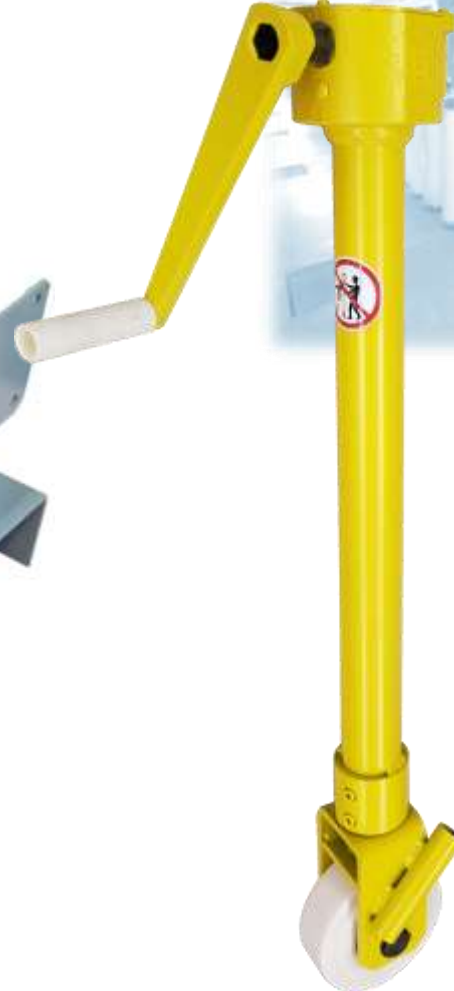
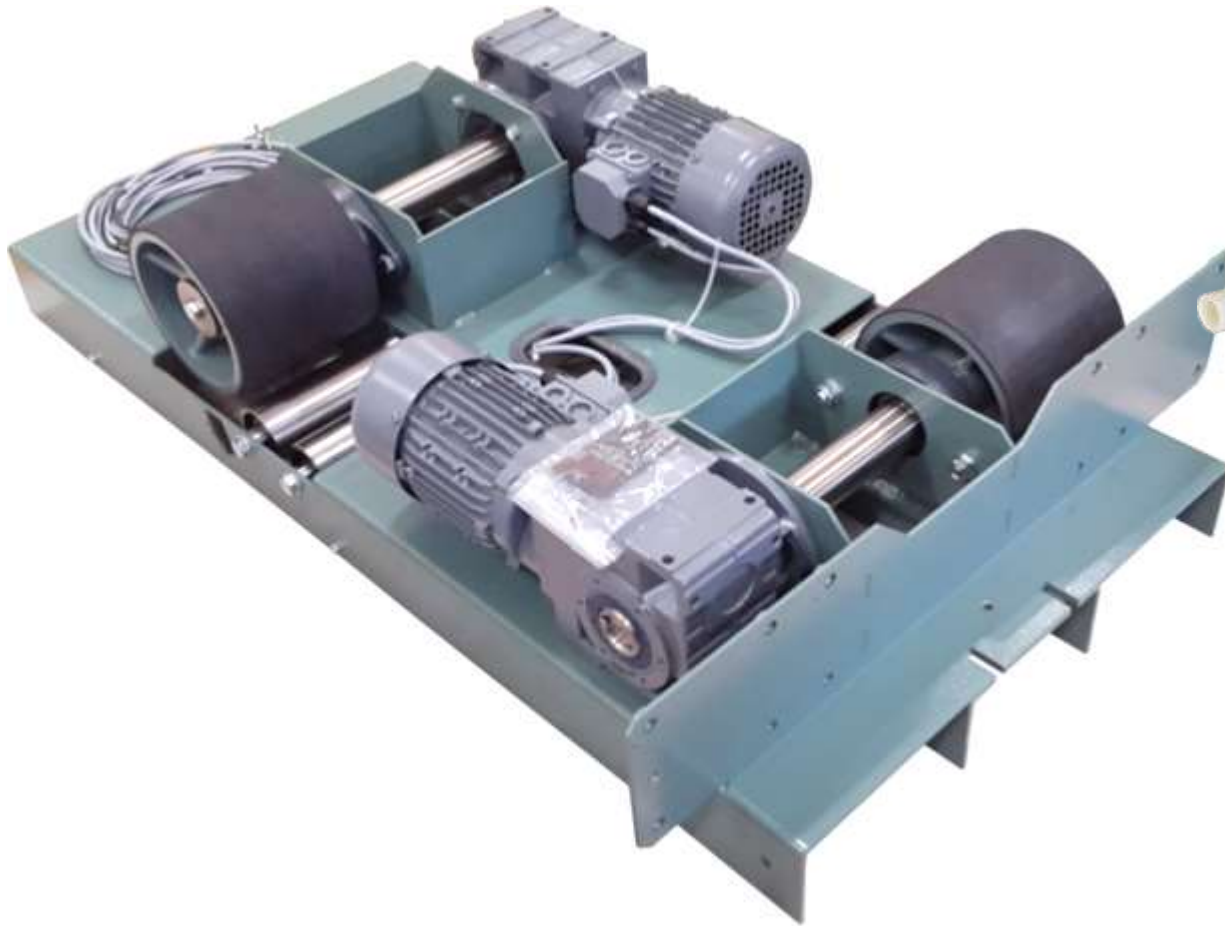
Product Portfolio TPB.

Differentials and Gears for Trucks.



Product Portfolio TPB.

Spulentransport, Rollheber, Führungschale



Product Portfolio TPB.

Conveyor.



Product Portfolio TPB.

Winding Machine CD300.



Product Portfolio TPB.

Air Purifier.



Thank you for your attention