

# WALTER/EWAG – Production plant

SST Meeting, 1<sup>st</sup> June 2017

# The Körber Group

- The Körber AG manages the Group as a strategic holding company
- Körber Group companies are market leaders in their respective industry sectors
- Companies in Europe, USA and Asia
- Sales and service companies worldwide
- Innovative technologies in the Business Areas of Automation, Logistics Systems, Machine Tools, Pharma Systems, Tissue, Tobacco and Corporate Ventures
- Sole shareholder: Körber Foundation



# The structure of the Körber Group



# Facts and figures

Fiscal year 2015

- Sales € 2,3 billion
- Employees approx. 11.500
- Equity ratio 54,6 %
- Return on sales 6,1 %
- Research and development ratio 6,2 %



# Business Area Machine Tools

Leading-edge technology  
for precision machining

- Employees: 2.312 (2015)
- Production sites:  
China, Czech Republic, Germany,  
Switzerland

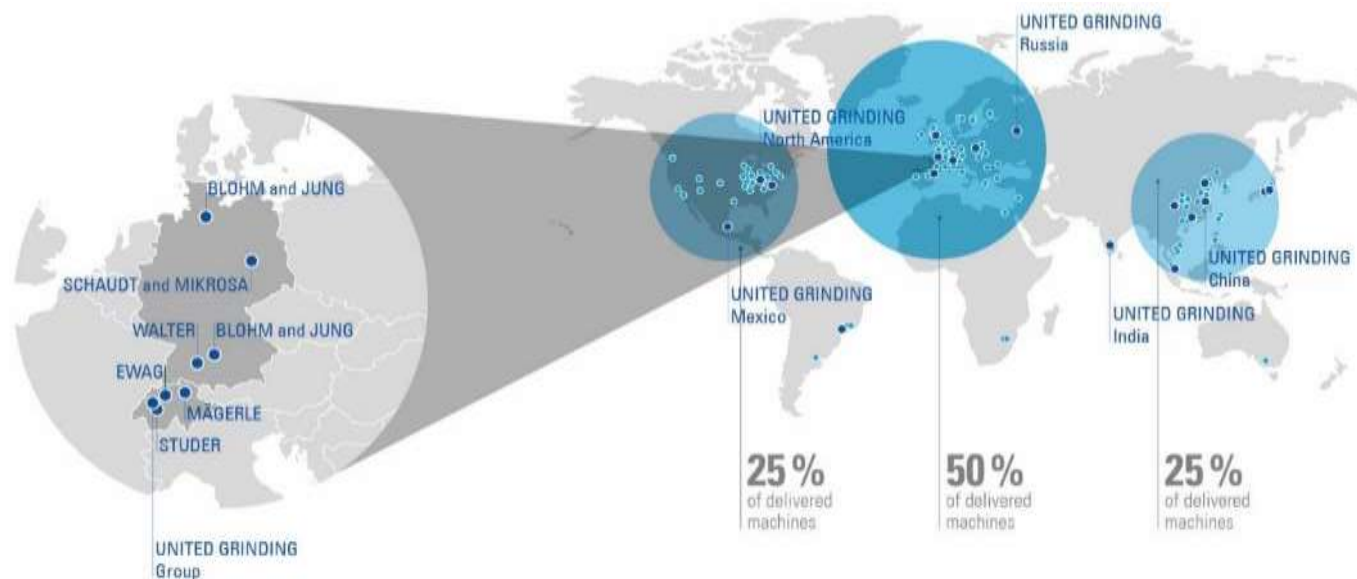




# UNITED GRINDING Group

Worldwide leader in «hard fine» machining

# You will find us where our customers are



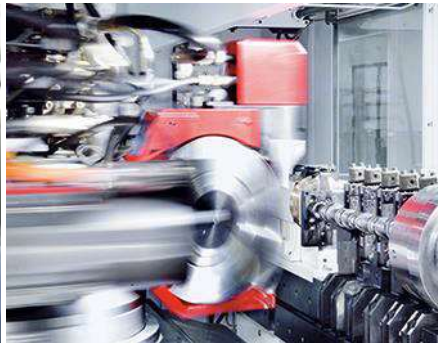
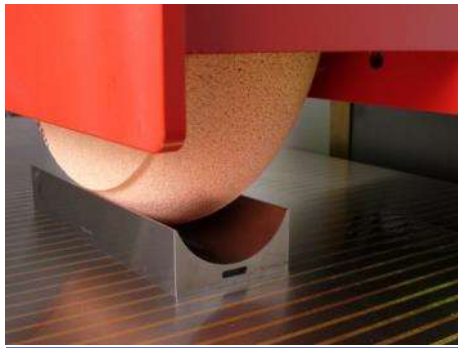
145,000 machines have been produced and delivered worldwide

- Own companies/offices
- Sales/service partners

# Facts & Figures

## UNITED GRINDING Group

- 24 locations worldwide
- Over 145,000 machines have been produced and delivered – worldwide
- UNITED GRINDING is one of the **twenty** biggest machine tool manufacturers worldwide (*Metalworking Insider Report*)
- UNITED GRINDING is one of the **ten** biggest machine tool manufacturers in Europe (*VDW*)



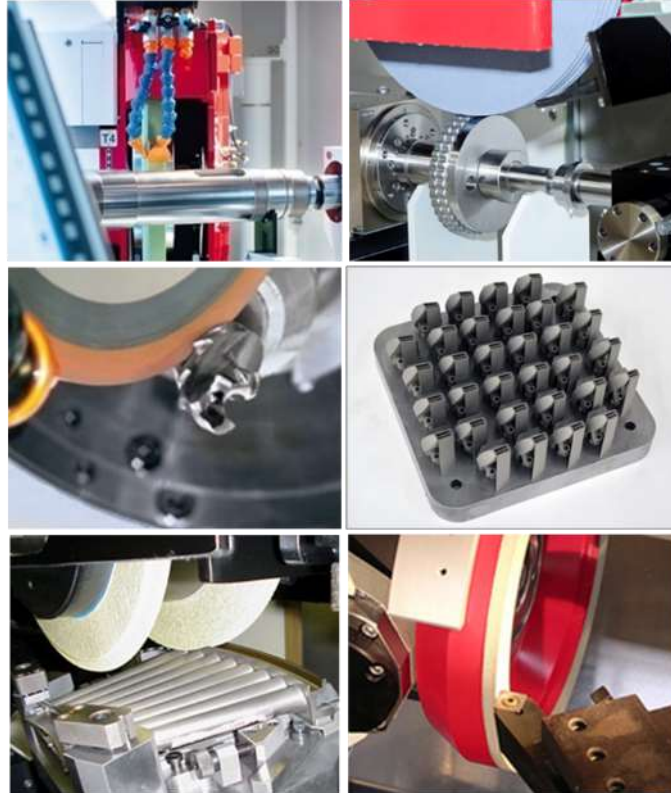


## Product portfolio

The high-precision machines of United Grinding offer advanced manufacturing processes for individual parts and series components

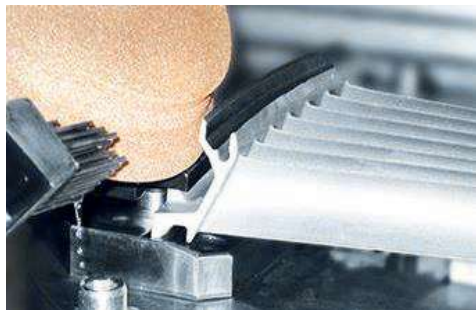
- Surface and profile grinding
- Cylindrical grinding
- Tool grinding

Additionally Irpd offers additive manufacturing such as selective laser sintering and melting and 3D printing.



# Our brands

## Technology groups



**Surface and Profile**



**Cylindrical**



**Tool**



## WALTER / EWAG

Two brands, one goal:  
System- and solution provider  
for tool machining



Grinding



Eroding



Laser



Measuring



Software



Customer Care

## WALTER

- 1919** Company founded by Richard Walter under the name „Montanwerke Walter“
- 1953** First automatic tool grinding machine
- 1987** First CNC universal tool grinding machine with 8 axes
- 2004** Part of the UNITED GRINDING Group, formerly known as Körber Schleifring Group
- Today** System- and solution provider for tool machining

Approx. 600 employees worldwide



## WALTER Tübingen, Germany

**Headquarter**

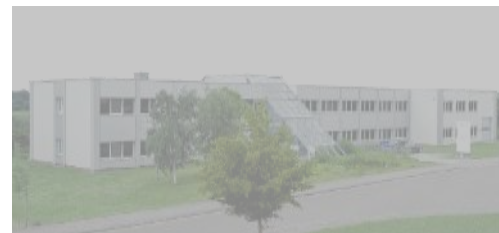
**Sales and Administration**

**Hardware and software development** for the technological areas of grinding and electro-erosion (EDM)

**Demo centre** for all machines

**Application technology with training academy**

**Customer Care**



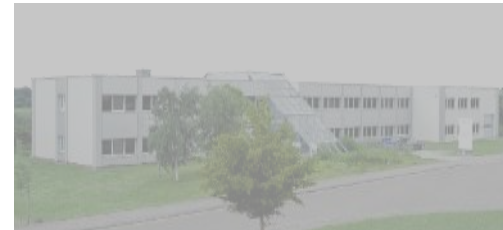
## WALTER / EWAG Kurim, Czech Republic

- 1996** Start of production in Kurim
- 2001** 1. Expansion of the assembly hall
- 2006** Ultra-modern logistics center
- 2014** Modernization of the complete manufacturing
- 2016** 2. Expansion of the assembly hall and construction of a new dispatch hall

**Production and assembly**

**Logistics centre**

**Sales and Service centre for Eastern Europe**



## WALTER Metrology Garbsen, Germany

- 1986** Spin-Off of the University Hanover
- 1996** First optical CNC measuring machine for tools
- 1997** Takeover by WALTER

**Development centre for metrology**

**Software development**



## WALTER product portfolio HELITRONIC

Grinding and electro-erosion of rotationally symmetrical tools from diameter 0.1mm and batch size 1





## WALTER product portfolio HELICHECK

Measuring of tools and production parts for optimum  
quality control



## EWAG

- 1946** Founded as **Edel-Werkzeug AG** in Solothurn
- 1955** First manual precision grinding machine WS11
- 1994** First CNC precision grinding machine EWAMATIC
- 2000** Part of the UNITED GRINDING Group,  
formerly known as Körber Schleifring Group
- 2010** First CNC laser tool machining centre
- Today** System and solution provider for tool machining  
Approx. 150 employees worldwide



## EWAG Etziken, Switzerland

**Hardware and software development**  
for the technological areas grinding and  
laser

**Demo centre** for all machines

**Application technology**

**Customer Care**

**Mounting** of the EWAG program as well as  
**customer-specific individual solutions**



## EWAG product portfolio

Grinding and laser machining of inserts and rotationally symmetrical tools



# WE are WALTER EWAG

- **Walter Maschinenbau GmbH, Tübingen (GER)**  
→ Headquarter
- **Walter Messtechnik, Garbsen (GER)**  
→ Development center for metrology
- **Walter s.r.o., Kurim (CZE)**  
→ Manufacturing and assembly location
- **Ewag AG, Etziken (SUI)**  
→ Headquarter

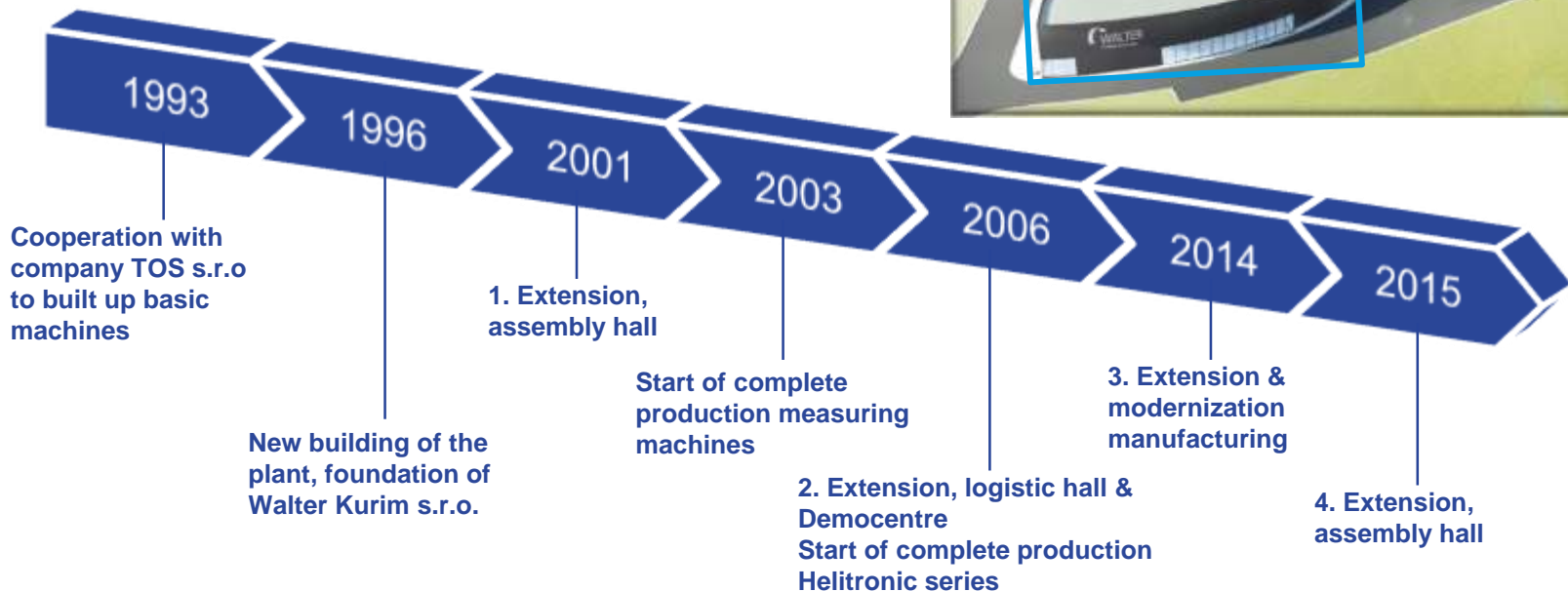
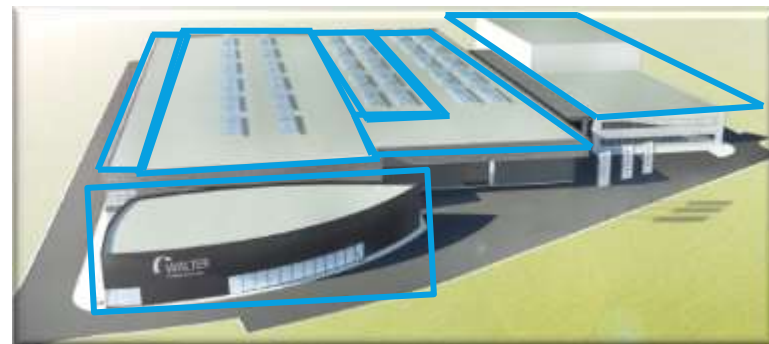


## Geographical location Walter s.r.o.

- Kurim is located 13 km to the northwest of the city of Brno in the Czech Republic
- With over 400.000 inhabitants Brno is the 2<sup>nd</sup> largest city in the country
- With six universities Brno is an important educational institution in the country. The technical university of Brno by itself has over 18.000 students
- Brno has a long tradition in mechanical engineering which dates back till the 19<sup>th</sup> century

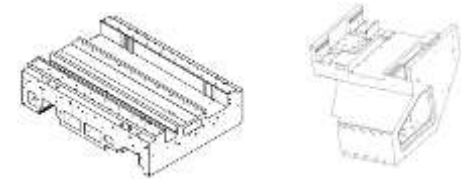


# Plant history



# Function / task of the location

- **Manufacturing of high precision parts**
- **Assembly of WALTER and EWAG machines**
- **Central of spare part logistic and warehouse of customer care worldwide**
- **Sales Eastern Europe**





## Facts and figures

- **320 employees**
- **Assembly 4.800 m<sup>2</sup>**
- **Manufacturing 1.800 m<sup>2</sup>**
- **Logistic 2.000 m<sup>2</sup>**
- **Administration 1.800 m<sup>2</sup>**
- **2016 over 500 machines**
- **Cooperation within the Körber Group**
  - Walter Maschinenbau GmbH, Tübingen (GER)
  - Ewag AG, Etziken (SUI)
  - United Grinding North America, Fredricksburg (USA)
  - Fritz Studer AG, Thun (SUI)
  - Schaudt Mikrosa, Leipzig (GER)
  - United Grinding Shanghai, (CHN)
  - Hauni Hungaria Gepgyarto Kft., Pecs (HUN)



# Investments in our future

**phase 1: 2014 - 2015**

## Modernization manufacturing

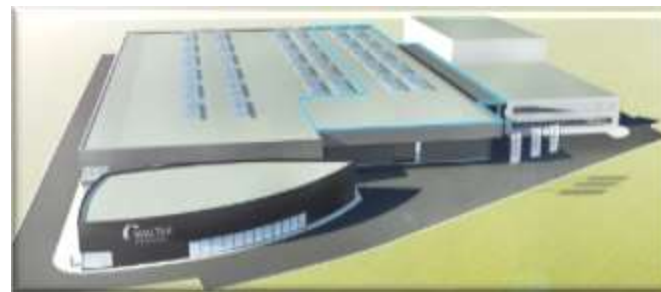
- Enlargement manufacturing 500 m<sup>2</sup>
- Precision machining, focus on high precision key parts



**phase 2: 2015 - 2016**

## Extension assembly and shipping hall

- Enlargement assembly 2.000 m<sup>2</sup>
- New shipping hall 650 m<sup>2</sup>

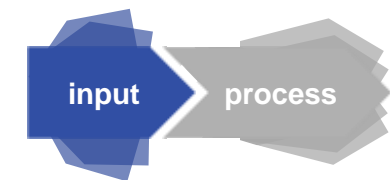


**➡ Total investment volume 2014 - 2016 sums over ten million ←**

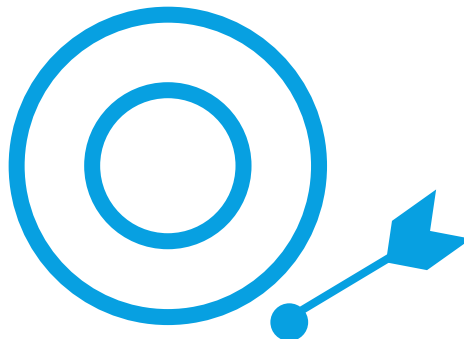
# Cooperate philosophy



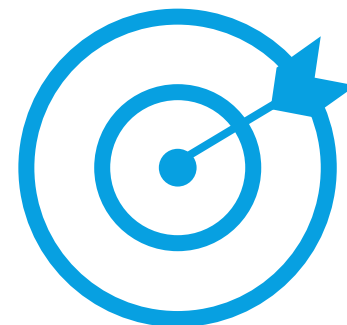
- The abbreviation “PuLs = Präzision und Leidenschaft” means “precision and passion” and contains an cooperate philosophy for all areas and functions of the UNITED GRINDING Group
- Aim: Adjustment of the process improvements to the customer requirements and business objectives
- PuLs is a tool box for the training and the implementation of lean management and six sigma



Deviation leads to miss ones ´aim



Processes must reach their aim every time



## Nabídka spolupráce s oddělením nákupu

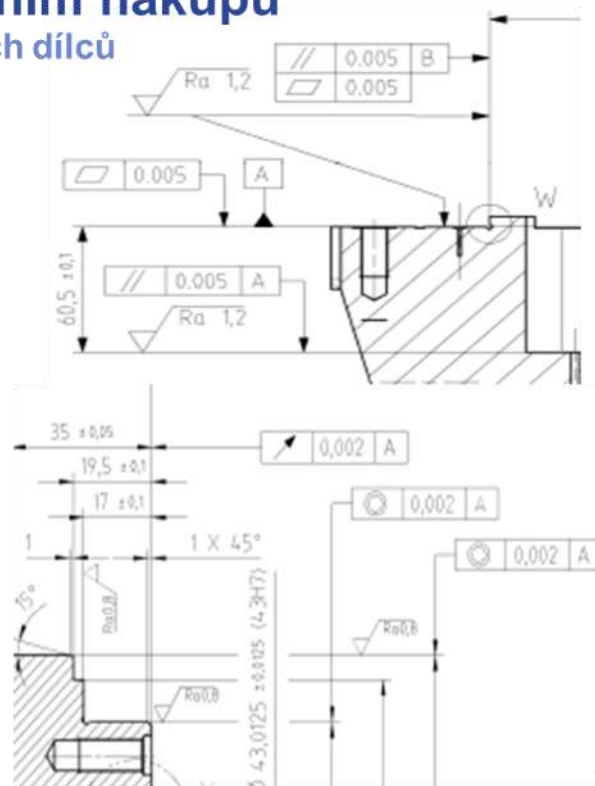
Hledáme dodavatele přesných výkresových dílců

### AKTUÁLNÍ ZÁKLADNÍ POŽADAVKY

- ❑ Přesné obrábění rovinných a kruhových ploch zejména u odlitků do 300 kg
- ❑ Přesné rotační obroušení ocelových a hliníkových slitin až do průměru 280 mm (kruhoměr)
- ❑ Nezávislé měření a protokolování naměřených hodnot v klimatizovaném prostředí

V případě zájmu kontaktujte vedoucího nákupu pana Petra Grigu, e-mail: [petr.griga@walter-machines.de](mailto:petr.griga@walter-machines.de) a nebo přímo strategického nákupčího pana Marka Grosse, e-mail: [marek.gross@water-machines.de](mailto:marek.gross@water-machines.de).

Navštívenky jsou k odběru přímo v místnosti.



Thank you for your attention