



P R E S E N T A T I O N

Güntert Präzisionstechnik GmbH

1 9 4 6 - 2 0 1 7





OVERVIEW:

Location: D-78052 Villingen (Black Forest)

Foundation: 1946

Managing Partner: Georg Güntert (CEO)

Quality Management System:
Certified by DQS

DIN 9001:2008	(valid until 14.09.2018)
ISO/TS 16949:2009	(valid until 14.09.2018)

ISO 14001:2004	Environmental Management System (valid until 23.08.2018)
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ISO 50001:2011	Energy Management System (valid until 12.07.2018)
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IATF 16949	(Finalisation Dec. 2017)
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Awards: Bosch Supplier Award 2003/04
Bosch Supplier Award 2009/10



OUR CERTIFICATES:

CERTIFICATE

This is to certify that

Güntert Präzisionstechnik GmbH
 Max-Frank-Strasse 17
 78632 Vilggen-Gröbenmorgen
 Germany

has implemented and maintains a **Quality Management System**.

Scope:
 Manufacturing of high precision ground parts made of steel, turned, hardened, ground and superfinished

Through an audit, documented in a report, it was verified that the quality management system fulfills the requirements of the following ISO Technical Specification:

ISO/TS 16949 : 2009
 (without product design)

Certificate registration no.: 020208 QMS0
 Valid from: 2010-05-14
 Valid until: 2013-05-14
 Issue date: 2010-05-14
 Issuing date: 2010-05-14

For and on behalf of DQS
 Frank Heilmann
 Head of Center
 Managing Director, DQS GmbH

Michael Dierckx
 Managing Director, DQS Holding GmbH

DQS GmbH, DQS Holding GmbH, DQS International GmbH, DQS Institute GmbH, DQS Institute USA, DQS Institute UK, DQS Institute India, DQS Institute China, DQS Institute Mexico, DQS Institute Brazil, DQS Institute Russia, DQS Institute South Africa, DQS Institute Australia, DQS Institute New Zealand, DQS Institute Singapore, DQS Institute Malaysia, DQS Institute Thailand, DQS Institute Vietnam, DQS Institute Philippines, DQS Institute Indonesia, DQS Institute Japan, DQS Institute Korea, DQS Institute Taiwan, DQS Institute Hong Kong, DQS Institute India, DQS Institute China, DQS Institute Mexico, DQS Institute Brazil, DQS Institute Russia, DQS Institute South Africa, DQS Institute Australia, DQS Institute New Zealand, DQS Institute Singapore, DQS Institute Malaysia, DQS Institute Thailand, DQS Institute Vietnam, DQS Institute Philippines, DQS Institute Indonesia, DQS Institute Japan, DQS Institute Korea, DQS Institute Taiwan, DQS Institute Hong Kong

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 Germany

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Scope:
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Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2008

Certificate registration no.: 020208 QMS0
 Valid from: 2010-05-14
 Valid until: 2013-05-14
 Issue date: 2010-05-14
 Date of verification: 2010-05-14

DQS GmbH
 Frank Heilmann
 Head of Center
 Managing Director

Awarded by: DQS GmbH, Argon-Strasse 21, 84045 Passau am Inn, Germany

CERTIFICATE

This is to certify that

Güntert Präzisionstechnik GmbH
 Max-Frank-Strasse 17
 78632 Vilggen-Gröbenmorgen
 Germany

has implemented and maintains an **Environmental Management System**.

Scope:
 Production and Sales of high precision ground parts, made of steel, hardened, ground, and superfinished

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 14001 : 2004 + Cor 1 : 2009

Certificate registration no.: 020208 EM
 Valid from: 2010-05-20
 Valid until: 2013-05-20
 Issue date: 2010-05-20
 Date of verification: 2010-07-15

DQS GmbH
 Frank Heilmann
 Head of Center
 Managing Director

Awarded by: DQS GmbH, Argon-Strasse 21, 84045 Passau am Inn

CERTIFICATE

This is to certify that

Güntert Präzisionstechnik GmbH
 Max-Frank-Strasse 17
 78632 Vilggen-Gröbenmorgen
 Germany

has implemented and maintains an **Energy Management System**.

Scope:
 Production and Sales of high precision ground parts, made of steel, hardened, ground, and superfinished

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 50001 : 2011

Certificate registration no.: 020208 EMS
 Valid from: 2010-05-13
 Valid until: 2013-05-13
 Issue date: 2010-05-13
 Date of verification: 2010-05-13

DQS GmbH
 Frank Heilmann
 Head of Center
 Managing Director

Awarded by: DQS GmbH, Argon-Strasse 21, 84045 Passau am Inn

I-Net
 THE INTERNATIONAL CERTIFICATION NETWORK
CERTIFICATE

Awarded and
 DQS GmbH Deutsche Gesellschaft für Zertifizierung von Managementsystemen
 hereby certify that the company

Güntert Präzisionstechnik GmbH
 Max-Frank-Strasse 17
 78632 Vilggen-Gröbenmorgen
 Germany

has implemented and maintains a **Quality Management System**.

Scope:
 Manufacturing of high precision ground parts made of steel, turned, hardened, ground and superfinished

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2008

Registration number: DE-020208 QMS0

Michael Dierckx
 Managing Director of DQS GmbH

Frank Heilmann
 Head of Center
 Managing Director

Awarded by: DQS GmbH, Argon-Strasse 21, 84045 Passau am Inn
 DQS GmbH, DQS Holding GmbH, DQS International GmbH, DQS Institute GmbH, DQS Institute USA, DQS Institute UK, DQS Institute India, DQS Institute China, DQS Institute Mexico, DQS Institute Brazil, DQS Institute Russia, DQS Institute South Africa, DQS Institute Australia, DQS Institute New Zealand, DQS Institute Singapore, DQS Institute Malaysia, DQS Institute Thailand, DQS Institute Vietnam, DQS Institute Philippines, DQS Institute Indonesia, DQS Institute Japan, DQS Institute Korea, DQS Institute Taiwan, DQS Institute Hong Kong
 The audit was performed in accordance with the requirements of the DQS Audit Standard, DQS Audit Standard USA, DQS Audit Standard UK, DQS Audit Standard India, DQS Audit Standard China, DQS Audit Standard Mexico, DQS Audit Standard Brazil, DQS Audit Standard Russia, DQS Audit Standard South Africa, DQS Audit Standard Australia, DQS Audit Standard New Zealand, DQS Audit Standard Singapore, DQS Audit Standard Malaysia, DQS Audit Standard Thailand, DQS Audit Standard Vietnam, DQS Audit Standard Philippines, DQS Audit Standard Indonesia, DQS Audit Standard Japan, DQS Audit Standard Korea, DQS Audit Standard Taiwan, DQS Audit Standard Hong Kong
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Michael Dierckx
 Managing Director of DQS GmbH

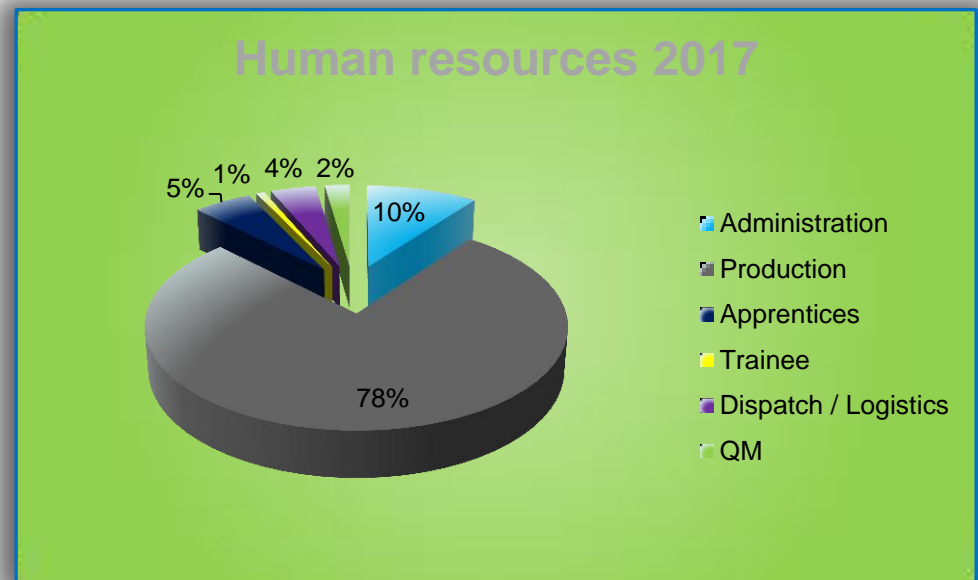
Frank Heilmann
 Head of Center
 Managing Director

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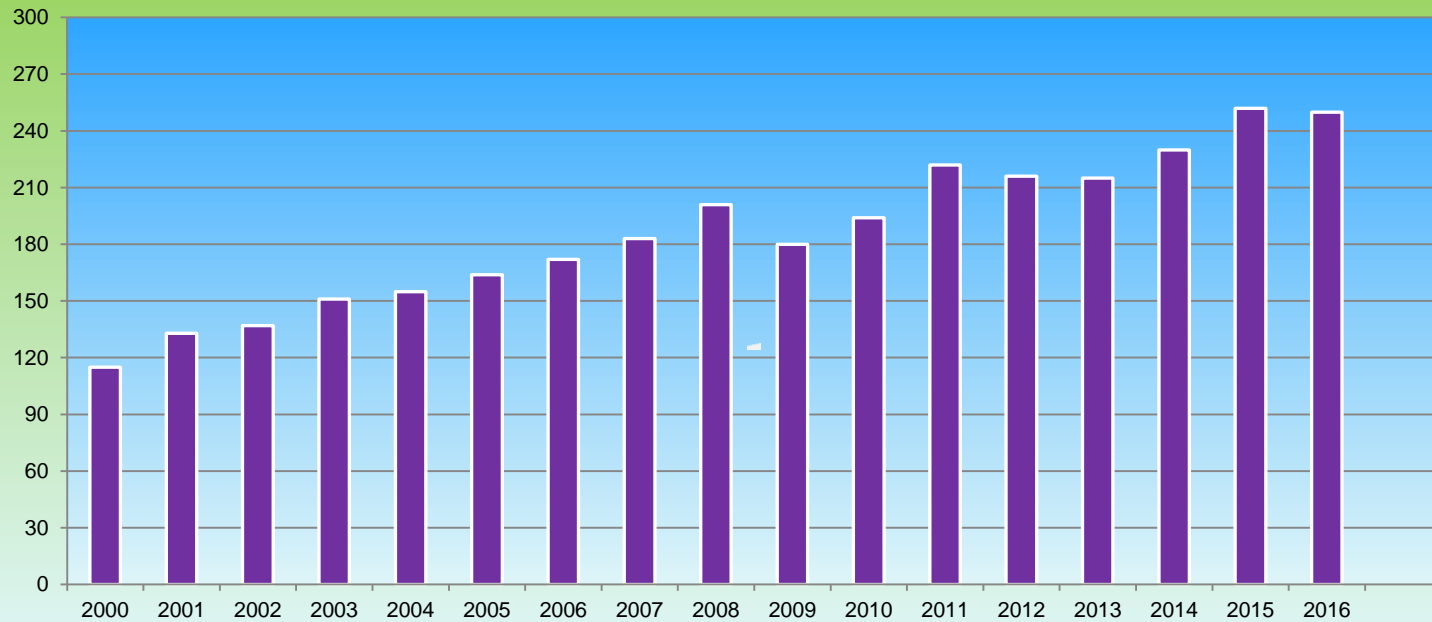
HUMAN RESOURCES:

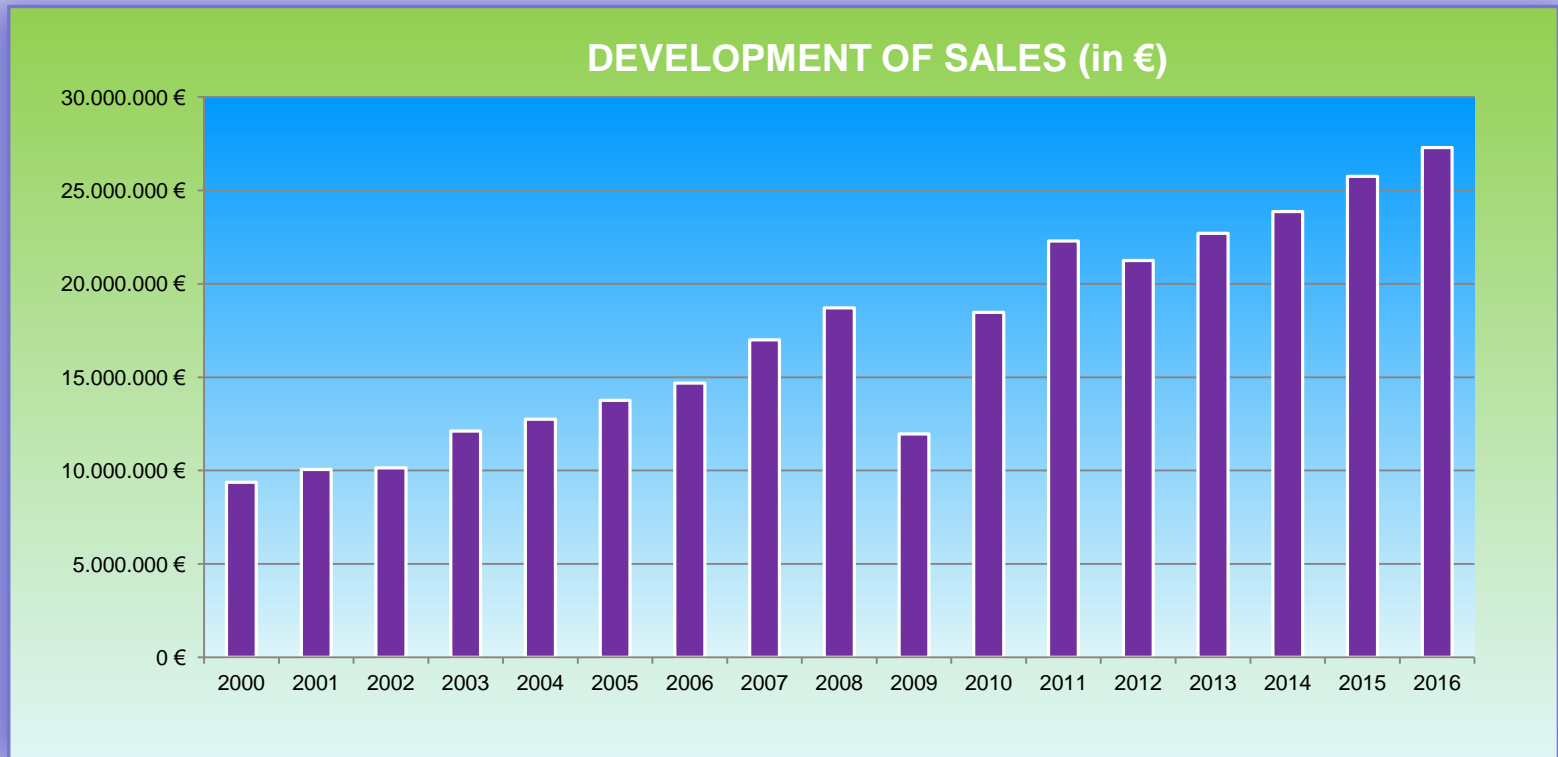
Total	267
thereof:	
Administration	27
Production	207
Dispatch / Logistics	11
QM	6
Apprentices	14
Trainee	2
Quote of apprentices	6,0 %
Average age	44 Years





DEVELOPMENT OF HUMAN RESOURCE







EXPERIENCE PRECISION PLUS CONSULTING:
Successful partnership starts here!

As your specialist for precision parts from steel we manufacture for the automotive industry, Hydraulics industry and manufacturer of electric motors high-precision turning parts, finally hardened, grinded and super finished by us.

Our core competence is high-tech grinding technology!

Güntert Präzisionstechnik is your competent partner for high-precision pump pistons for common-rail-systems latest generation, axes and shafts for electric engines.

As owner-managed, family company, we are able to react swiftly and flexibly to every customer need. With clear vision lead by our passion for high-precision, we are geared for growth in the future.





PRECISION THAT INSPIRES:
Precision from passion!

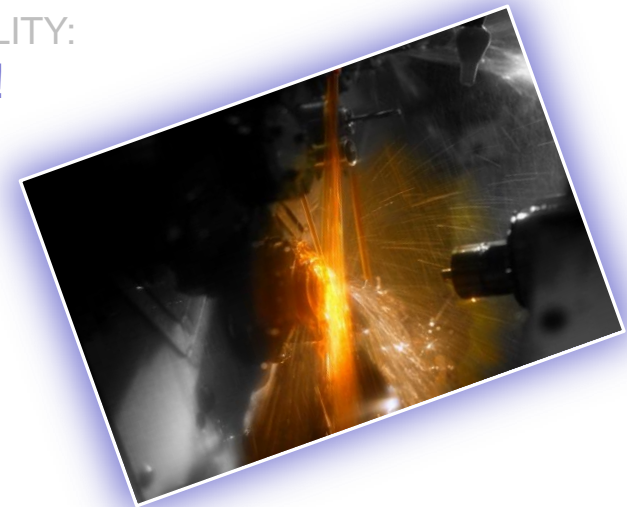
- ▶ Axles, shafts and analogous high precision parts:
Hardened, grinded and super finished.
 - ▶ Pump pistons for all gas an diesel injections as well as high pressure cleaning units.
- ▶ Control pistons, valves and valve plug, ready to install.
 - ▶ In-house manufactured and paired valve parts.
- ▶ Assembled components.





IN-HOUSE PRODUCTION DEPTH CREATES FLEXIBILITY: Our origin is turning!

Time is a key factor today. Vertical integration creates additional flexibility: Either in pre-series production or in short terms charges of lot sizes inn serial production:



We are always in motion for you!

Due to continuous, high investments our turning shop use the latest available technology to meet all your requirements. Our machine park is equipped with CNC Swiss Type and CNC Automatic Lathe machines. A fact which facilitates tailored production from several hundreds to million parts per annum. An efficient logistics system cares internal and external for a quick part transfer and is an example our consequent customer orientation.

Flexibility and velocity for your success!





HEAT TREATMENT WITHOUT COMPROMISE: For each process – the right partner and method.

Your components. withstands extreme stress and loads.

Aside from a perfectly harmonised machining process, the heat treatment plays a decisive role.

Depending on the prescribed hardening process, we opt for the most suitable hardening shop, either in-house or with external partners.





HEAT TREATMENT WITHOUT COMPROMISES:

Overview of several heat treatments!

- ▶ Inductive Hardening
- ▶ Carbonize
- ▶ Through Hardening
- ▶ Austempering
- ▶ Plasma Nitriding
- ▶ Vacuum Hardening
- ▶ Protective Gas Hardening
- ▶ Gas Nitriding
- ▶ Gas Nitrocarburizing
- ▶ Deep-Freezing
- ▶ Tempering

Inductive Heating ▼



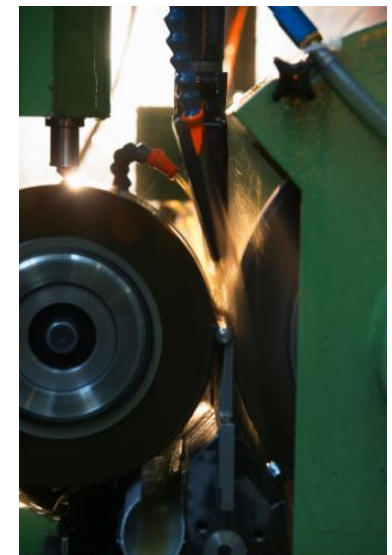


YOUR DEMAND IS PRECISION:
Hightech grinding is our passion!

Our expertise in polishing finds its expression in a high process safety.
If centreless throughfeed grinding, centreless plunge grinding or grinding
between centres ...

... Your requirements of highest accuracy is our motivation.

On demand we classify and palletize diameter in 0,5 μm -steps on fully automatic
measuring machines. Thereby we are accustomed to realize big series as well as
project orders with the same demand for precision and reliability.





YOUR CLAIM IS PRECISION:
Additional machining process!



- ▶ Superfinishing
- ▶ Internal Grinding
- ▶ Honing
- ▶ Shot peening
- ▶ Burnishing
- ▶ Knurling
- ▶ Vibratory Grinding and Polishing
- ▶ Deburring
- ▶ Special Grinding Method

Roughness Rz < 0,4 µm

Straightness < 0,5 µm

Roundness < 0,5 µm

Cylindrical Form < 0,5 µm





REACT QUICKLY AND FLEXIBLY:
Our „mechanics“ designs und builds.

The „mechanics“ supported all production areas from Güntert Präzisionstechnik. It allows us, if necessary, to move very quickly to short-term orders and rising lot sizes.

- ▶ Automatic parts feeding
- ▶ Automatic removal
- ▶ Automation solution for grinding machines
- ▶ Automation from testing unit
- ▶ Parts specific accessories for standard machines
- ▶ Special machine adaptations
- ▶ Tools
- ▶ Machine maintenance





TECHNICAL DETAILS:

Products	Highest quality on precision grinded parts
Materials	All steels
Parts dimension	Ø 3 mm – Ø 28 mm / length till 560 mm
Volume	50 Mio. parts / year
Lot sizes	> 30.000 parts
Steel consumption	1.910 t steel / year
Production area	7.078 m²
Administration area	654 m²



TECHNICAL DETAILS:

Products Precision grinded parts

Materials all Steels

Parts dimension Ø 3 – 28 mm

Volume 50 Mio. Parts / Year

Lot sizes >25.000 Parts

Steel consumption 1.910 t / Year

Production area 7.078 m²

Administration area 654 m²



OUR REFERENCES:
Our partners.

BRÜCKNER
MASCHINENBAU **B**

Continental 

mesa parts
Turning into Solutions. | | | | |

PWO

GÜNTERT 
INDUSTRIEVERTRETUNGEN

 **HILITE**
INTERNATIONAL USA



BOSCH

Rexroth
Bosch Group

 **FAULHABER**

AFCO

MOOG

 **Rauchle**
PRÄZISION



thyssenkrupp PRESTA AG

Vielmetter 

 **KOEPFER**
Zahnrad- und Getriebetechnik GmbH

ZSO



Visit us on the web at **guentert.de**

Or write us your requests for information under **info@guentert.de**



Or visit us in the headquarter **Villingen in the Black Forest !**





MAKE THE FUTURE SUCCESSFUL:
Precision is our passion!

Company address



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Güntert Präzisionstechnik GmbH.

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