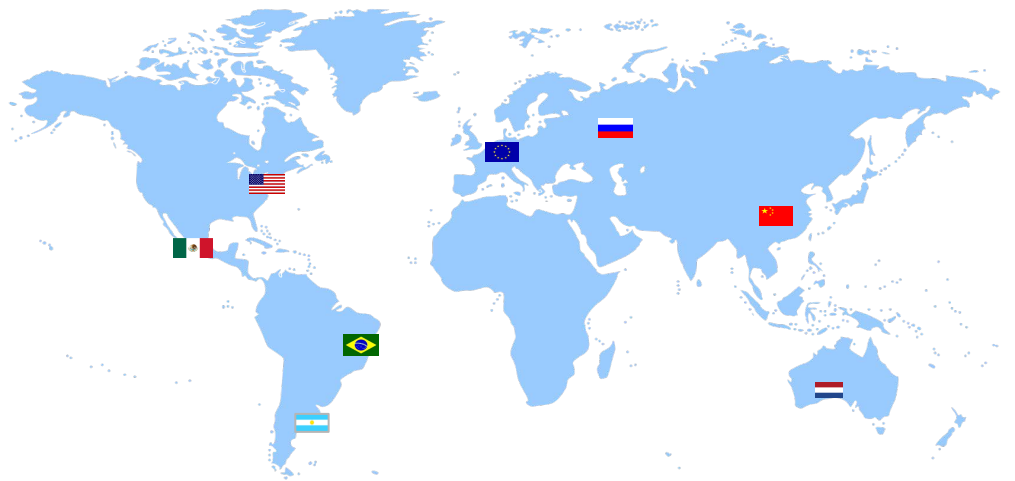


# Welcome to **UNIOR**® Corporation

Division: SPECIAL MACHINES



EUROPEAN MANUFACTURER SINCE 1919

 **UNIOR**®

# UNIOR IS AMONG:



**5 LARGEST SLOVENIAN  
MANUFACTURERS  
ACCORDING TO NR. OF  
EMPLOYEES**



**10 LARGEST SLOVENIAN  
COMPANIES ACCORDING TO  
NR. OF EMPLOYEES**



**3 OF THE MOST IMPORTANT  
EUROPEAN FORGING  
PRODUCERS**



**5 OF THE MOST IMPORTANT  
EUROPEAN HAND TOOLS  
PRODUCERS**

**95,2%** EXPORT

**4,8%** DOMESTIC MARKET



**SALES: 165 mio (in 2017)**  
**EMPLOYEES: 1.793 (in 2017)**



**FORGE**

**SALES: 94,4 MIO €**  
**EMPLOYEES: 982**

**57%**



**HAND TOOLS**

**SALES: 33,4 MIO €**  
**EMPLOYEES: 395**

**20%**



**SPECIAL MACHINES**

**SALES: 21,3 MIO €**  
**EMPLOYEES: 154**

**13%**

**OTHER  
PRODUCTS  
AND SERVICES,  
MAINTENANCE**

**SALES: 16,0 MIO €**  
**EMPLOYEES: 262**

**10%**

# UNIOR - SPECIAL MACHINES



[www.unior-specialmachines.com](http://www.unior-specialmachines.com)



# What do we offer?



- ✓ Over **40 Years of experience** in development and construction of special and – **flexible CNC machines** for machining of metals
- ✓ Production of CNC machines for **Automotive, Aerospace, Tool production** and **Commercial Vehicles** industry
- ✓ **Processed materials** - steel, aluminium, grey castings, titan, powder metall composites, bronze, brass, stainless steel, high-strenght alloys
- ✓ **Cooling of the tools** - MQL (minimum Quantity Lubrication), dry machining, wet machining Workpieces for Automotive; **Powertrain, Drivetrain and Transmission**
- ✓ Cutting-edge technology (**know-how**) for high-precise machining of high-production series (high-production volumes)
- ✓ **Training & Schooling**
- ✓ **Warranty** (12 to 24 Months)
- ✓ Maintenance **service** in customer's vicinity
- ✓ Integrated and optimized **“turn-key” technical solutions** for machining of customer's work pieces – technology and know-how

# Types of Machines



**Rotary Indexing Table Machines**



**Flexible-Processing Cells Typ FPZ**



**End Facing Machines**



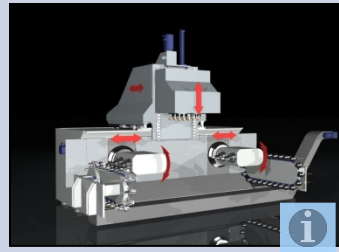
**Deep Drilling Machines Typ TMB und KTBM**



**Special deep drilling Machines**



**Flexible Machines Typ UH**



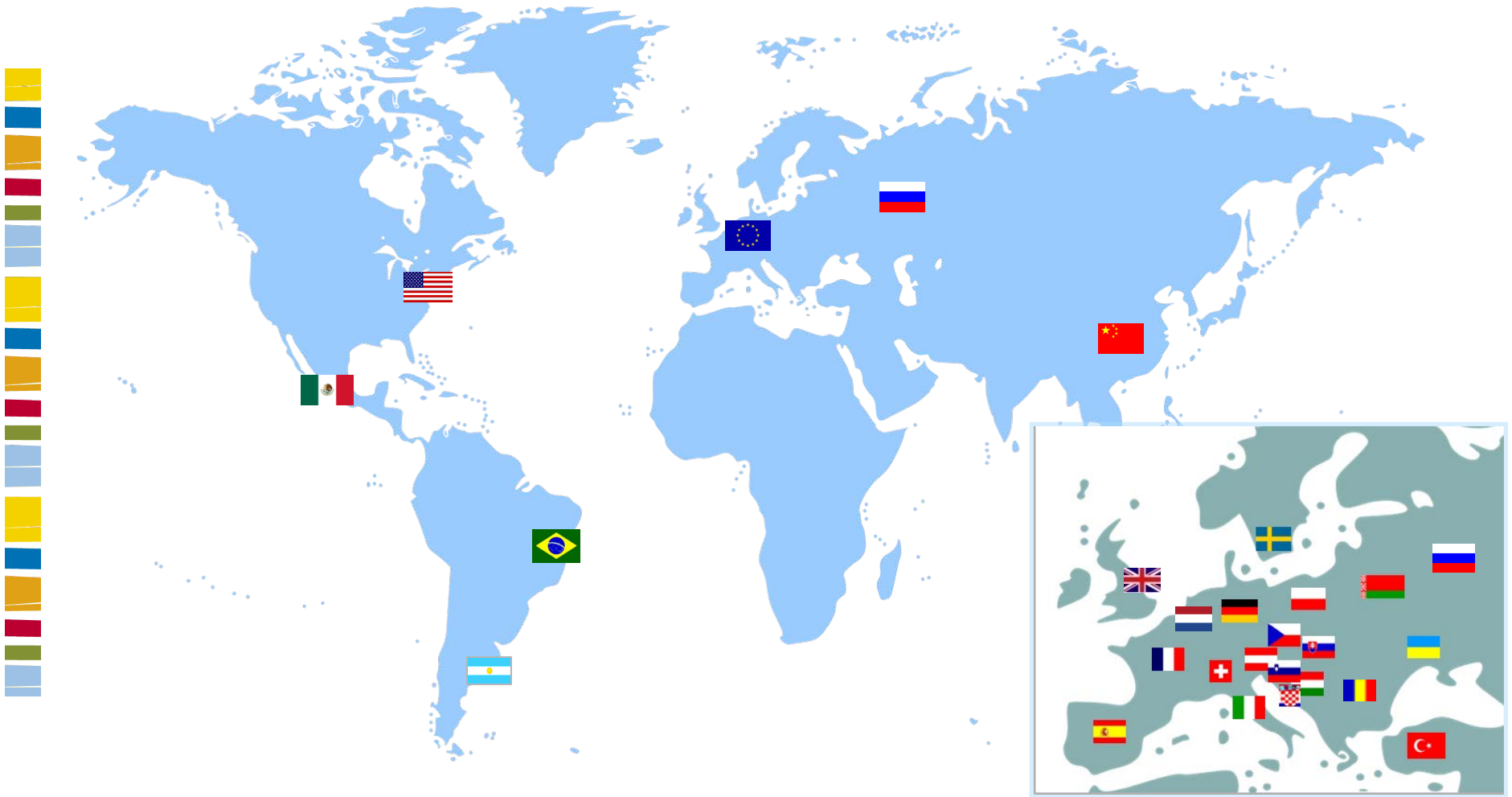
**5-Axis-Processing Modules Typ RHW**



**Special/Transfer Machines**



# Global Presence



EUROPEAN MANUFACTURER SINCE 1919



# Service



# References



Audi



OPEL



# Quality Management





**BUREAU VERITAS**  
Certification

**Zertifikat**  
für  
**UNIOR d.d.**  
KOVAŠKA CESTA 10, ZREČE, SLOVENIJA

Bureau Veritas Certification bestätigt, dass das Management-System des oben genannten Organisation beurteilt wurde und die in den folgenden Normen/Regelwerken festgelegten Anforderungen erfüllt

Normen/Regelwerke

---

**ISO 14001:2004**

---

Anwendungsbereich

**ENTWICKLUNG, PRODUKTION UND VERKAUF:  
-GESENKSCHMIEDETEILE, SINTERTEILE UND DIE BEARBEITUNG  
VON KALTSCHMIEDETEILEN  
-HANDWERKZEUGE, WERKSTÄTTWAGEN UND SONSTIGE  
METALLAUSRÜSTUNG SOWIE KALTSCHMIEDETEILE  
-SONDERMASCHINEN FÜR DIE METALLBEARBEITUNG UND  
WERKZEUGE FÜR SINTER**

*Datum der Erstzertifizierung 14/05/2004*

*Während der Gültigkeit dieses Zertifikates müssen die Anforderungen der Normen/Regelwerke kontinuierlich erfüllt werden, was durch regelmäßige Überwachung durch Bureau Veritas Certification sichergestellt wird. Gültig bis: 17/10/2010*

*Über die Gültigkeit dieses Zertifikates informieren Sie sich an der folgenden Telefonnummer: +386 1 47 57 670.  
Weitere Anträge über das Managementsystem und den Anwendungsbereich sind über die Organisation selbst zu bekommen.*

Zertifikat Nummer: **224367** Datum: **10/01/2008**




BUREAU VERITAS CERTIFICATION, Bureau Veritas Certification, c/o UNIOR d.d., Kovaska Cesta 10, Zreče, Slovenia  
A 2008030200017 - Bureau Veritas Certification, Laboratoire de Certification, 11, rue de Valenciennes - 93500 La Courneuve - France



**BUREAU VERITAS**  
Certification



VDA Verband der Automobilindustrie e.V.  
OMC Quality Management Center

## Appendix of Certificate

*Bureau Veritas Certification  
Germany GmbH*

registered with  
**VERBAND DER AUTOMOBILINDUSTRIE e.V. (VDA) / Cert.-No. 17/97**

hereby certifies that the company  
**Unior d.d-program Strojna oprema  
Kovaska Cesta 10  
SI-3214 Zrece**

Entwicklung, Produktion und Verkauf von Sondermaschinen  
und Maschinenwerkzeugen zur Bearbeitung von Metall

maintains a  
**Quality System in accordance with VDA 6, Part 4  
- Material Products -  
(with product design)**

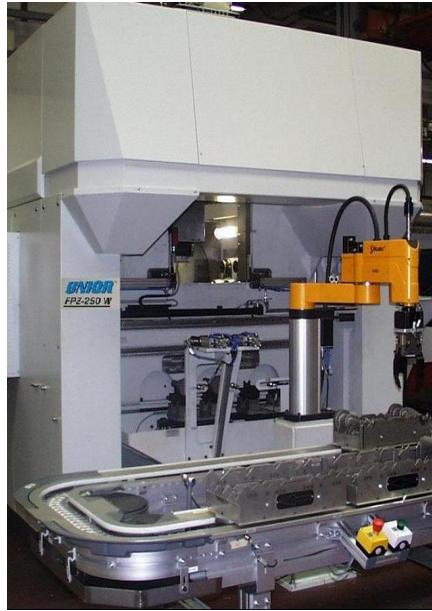
*This certificate supplement is only valid in conjunction with Certificate ISO 9001:2000 Reg. No. INT80474DE.  
It confirms that the quality system is additionally qualified as fulfilling the requirements specified in VDA 6, Part 4:2005, which supplement those in ISO 9001:2000.  
Verification was provided during the certification audit.  
Report No.1248248*

This certificate is valid until: **17.12.2011**  
Date of issue: **18.12.2008**



*Ute Fritze*  
Für Bureau Veritas Certification  
Germany GmbH  
Fritzskai 1  
D - 21079 Hamburg

# REFERENCE WORKPIECES



[www.unior-specialmachines.com](http://www.unior-specialmachines.com)



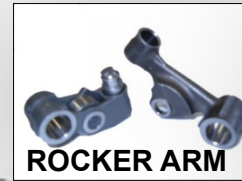
# Workpieces: Powertrain



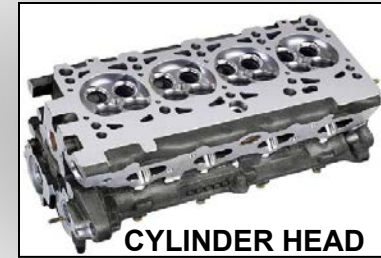
VALVE COVER



CAMSHAFT



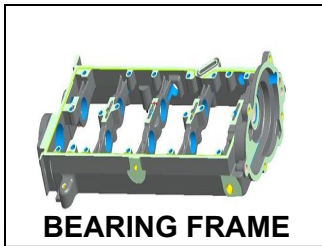
ROCKER ARM



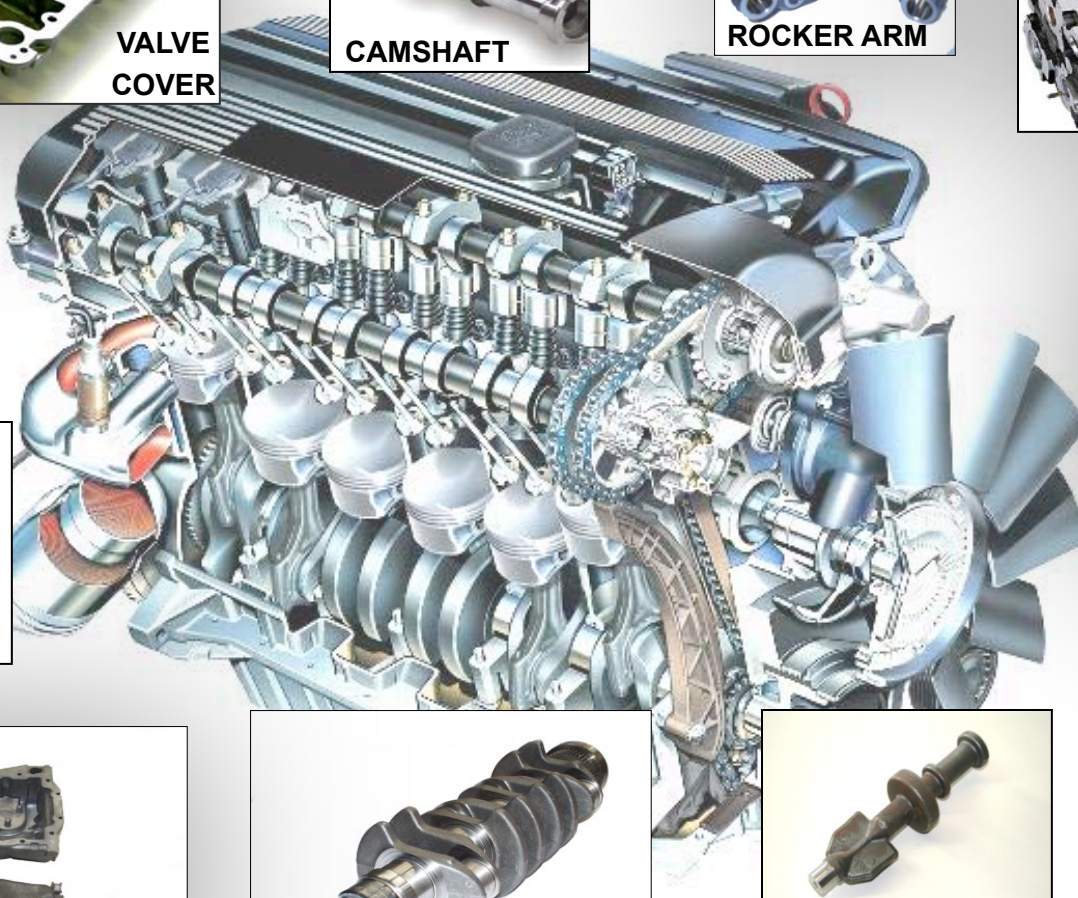
CYLINDER HEAD



CONNECTING ROD



BEARING FRAME



CYLINDER BLOCK



OILSUMP



CRANKSHAFT

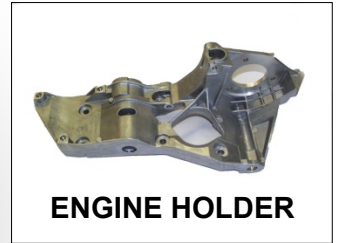


BALANCER WEIGHT



FLYWHEEL

# Workpieces: Powertrain



**VACUUM PUMP HOUSING**

**PERIPHERAL UNITS CARRIER**

**VARIOUS PUMP HOUSING**

# Workpieces: Drivetrain

WHEEL CARRIER



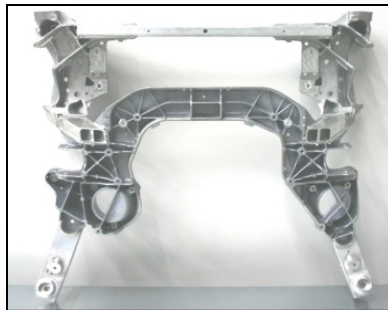
STEERING PARTS



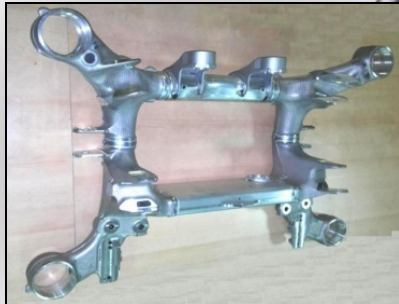
POWER STEERING HOUSING



BRAKE DISC



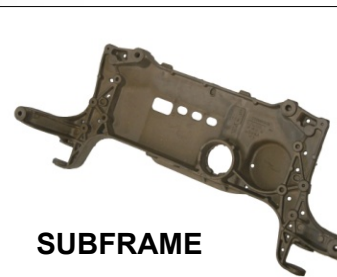
FRONT / BACK AXLE CARRIER



2WD / AWD AXLE CARRIER



VARIOUS STEERING PARTS



SUBFRAME



STEERING JOINTS

# Workpieces: Transmission

GEAR CARRIER



PLANETARY GEAR CARRIER



ROD SHAFT



INPUT / OUTPUT SHAFT



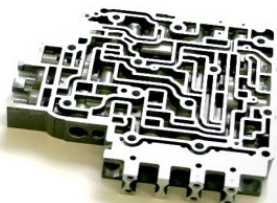
INPUT SHAFT



PLANETARY GEAR CARRIER



GEAR SLIDE



PLANETARY GEAR CARRIER

FLANGE SHAFT



GEAR SHAFT



PLANETARY SHAFT



## Contact / Service

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