

*CATALOGUE 2003*



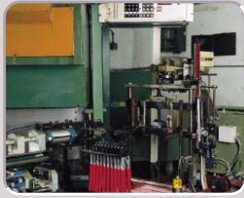
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**ALPHABETICAL INDEX**

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**PRESENTATION OF THE COMPANY**

**WHICH DRIVE FOR WHICH MACHINE...**



## G U A R A N T E E

UNIOR guarantees for all its tools against the defects in material or in production and they will be repaired free of charge when they are used correctly or they will be replaced with presentation of suitable documentation.

The guarantee is not valid for the tools which were modified without consent of UNIOR or if they are worn out or otherwise damages.

It is not possible to put into effect the guarantee for the damages which would result from the use of these tools.



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**Dear Sirs,**

*UNIOR, Joint-Stock Company is one of the largest and most important Slovenian exporters. With its four production segments: forged parts, hand tools, machine tools and activities tourism, the Company has been committed to high quality, high utilization of its own capacities, to productivity extension as well as to elevated profitability.*

*One third of our sales is obtained by the oldest activity – tool manufacture. Long useful life of UNIOR tools is provided by the great tradition of tools forgery and application of new technological findings and top quality materials, such as chrome vanadium steel. Design, development and manufacture of UNIOR hand tools are being permanently adjusted to new customer requirements. Original manufacture solutions provide exceptional applicability, efficiency and aesthetic appearance of tools.*

*The production of hand tools, comprising more than 3000 different products, facilitates different works and operations. Our hand tools result from efficient quality system management in compliance with the international ISO 9001/2000 Certificate. High voltage tools are tested in compliance with DIN EN 60900 Standard in order to obtain VDE Certificate. UNIOR hand tools production group is also the holder of SQ-Slovenian Quality Standard, as a proof of satisfying the professional hand tool user requirements.*

*We are marketing our hand tools under our own trade mark on all continents. Extensive distribution network reaches customers all over the world.*

*Hand tools are distinguished for their functional efficiency, high quality materials and long life. Therefore, these tools are well known and popular among professionals as well as DIY users.*

*Our trustworthy performance has been forged from the rich tradition of Slovenian forging, which is an inspiring source for our own experience and new expertise. With precision we fit perfectly into master's hand. The brand name gives an assurance of our basic aim: complete user's satisfaction.*

*Gorazd KOROŠEC  
President of the Board*

# ***THE DEVELOPMENT OF FORGING IN ZREČE AND ITS SURROUNDINGS***

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The development of forging in Zreče was made possible because of favourable natural resources. Many years ago the inhabitants exploited the river Dravinja and its tributaries by putting up saw mills, mills and forges. The water wheel provided them with inexhaustible power. Excavations in the surrounding area prove that the iron tools were produced in the region as early as Roman times.

In the middle of the previous century there were as many as 80 mills and saw mills on the Dravinja.

In the middle of 19th century, four iron works existed in the region. Except one of them they developed into forges and manufactured primarily agricultural and trade tools.

In Boharina in the Zreče region there is the well preserved Ošlak's forge which is the oldest in the region and where they still maintain the old water hammer.

The development of forging in Zreče was supplemented by charcoal burning on Pohorje mountains.

The development of the Zreče forging industry after the first world was based on forging tradition, the skilled work force and water power.

In 1919 two engineers Milko Bremec and Walter Mach, the owners of the Muta ironworks bought a mill from Martin Kračun and turned it into a forged tool factory. They established the Štajerska ironwork company in Zreče and started producing forged tools for agriculture, mining and trade, employing industrial techniques.

In the year 1922, the forge was transformed into a mechanical one. In 1923, it employed 50 workers and developed so quickly that their number had increased to 250 by 1941. The factory's equipment was modern. After the war the forge was renovated and renamed the Zreče Factory of Forged Tools. In the late sixties and early seventies intensive investment in the production of hand tools was started.

In 1974 the factory's name was changed into UNIOR. It acquired its own brand and introduced its product in the world market.

At present UNIOR is the one of top producers of high quality forged pieces and hand tools in Europe and the rest of the world.



Kovaška industrija d.d.  
Slovenia

***PRODUCTION COMPANIES***

ORBIS Werk Groten  
GmbH+Co.KG  
Ahaus; **Germany**

RHYDCON  
**Slovenia**

***TRADE COMPANIES***

UNIOR DEUTSCHLAND  
GmbH  
**Germany**

UNIOR Ferlach Produktions und  
Handels Ges.m.b.H.  
**Austria**

UNIOR Italia S.P.A.  
**Italy**

Unior España S.L.  
**SPAIN**

UNIOR Tools S.A.R.L.  
**France**

UNIOR Hellas S.A.  
**Greece**

UNIOR International Ltd.  
**Great Britain**

UNIOR Singapore PTE Ltd.  
**Singapore**

UNIOR Komerc d.o.o.  
**Macedonia**

## **F O R G E D   P A R T S   P R O G R A M M E**

The Forged Parts Programme is our oldest and the foundation on which UNIOR has developed. We produce forged and sintered parts for the automobile industry and provide major European car producers with vital forged parts as their exclusive supplier.

## **H A N D   T O O L S   P R O G R A M M E**

The Hand Tools Programme is UNIOR's most promising one. The production of hand tools began in 1919 and in the year 1953 the first attempts at drop forging were made. Besides wrenches and pliers other tools were gradually included in the hand tools programme.

Today our catalogue consists of 3000 items. Our forged tools are manufactured from chrome vanadium steel which gives them durability and usability.

## **U N I O R   S P E C I A L   M A C H I N E S   P R O G R A M M E**

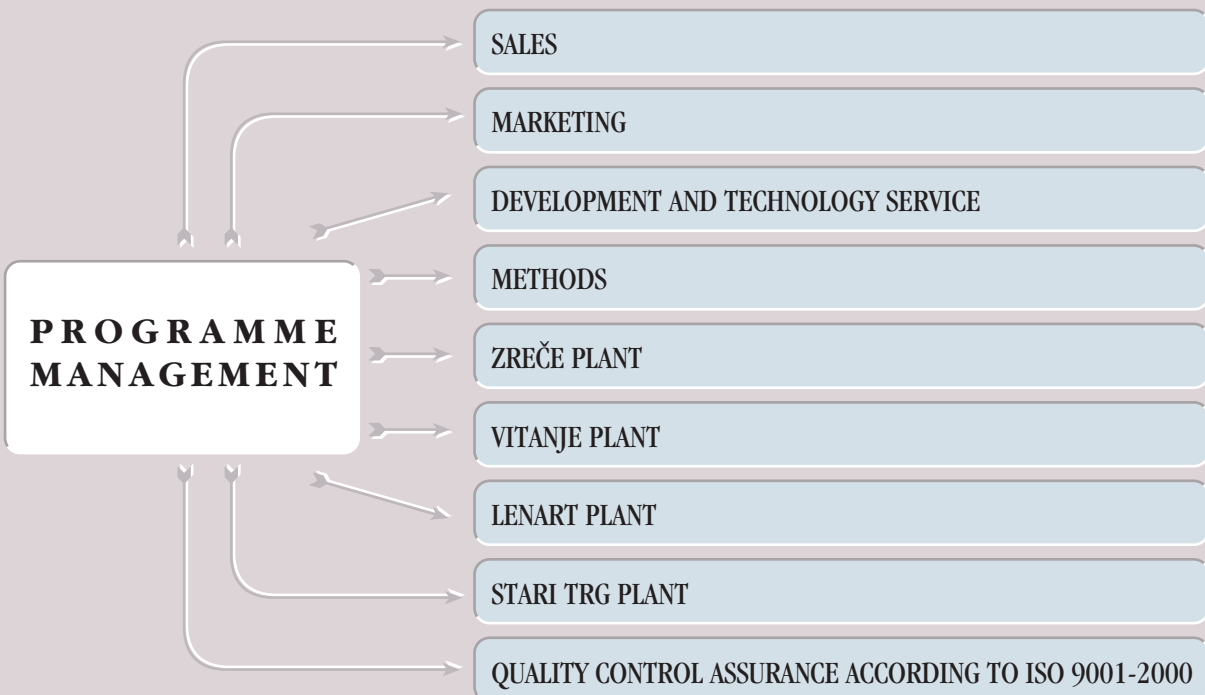
UNIOR Special Machines Programme is the latest of the four UNIOR's programmes. It includes the production of machines for treating metals, machines with rotating stands, machines for the treatment of ends, machines for deep drilling and special machines.

Numerically controlled machines offer up-to-date technological solution for metal treatment.

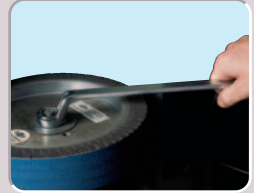
## **T O U R I S T   P R O G R A M M E**

The beauty of the landscape, the richness of the Pohorje forests and the unspoiled environment are only some of the reasons why UNIOR has started investing in tourist development in the Zreče region. Recreational tourist centre Rogla at an altitude of 1517 m is becoming one of Slovenia's biggest ski centres developing together with the Zreče spa.

# H A N D T O O L S P R O G R A M M E



*Nature creates perfect forms which man tries to copy.  
The basic form of the tools originates naturally and is adapted  
to men's requirements.*



*Despite their simple appearance our tools combine a broad range  
of properties which makes them practical and adaptable. As long  
as a suitable tool is chosen UNIOR tools are efficient and safe.*



*Our professional tools are produced from high quality steel. By  
applying highly technical treatment process we achieve properties  
normally associated with higher priced materials.*



*The whole production of the tools programme is operated according  
to ISO 9001-2000 standards, thereby satisfying the most  
demanding buyer. Modern materials and ergonomic design  
provide pleasing looks and safe use.*

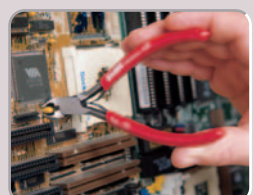


*UNIOR hand tools are produced in our main factory and  
headquarters in Zreče and in three other plants.*

*We market our products in Slovenia and abroad under our brand  
name through our distributor network. We can satisfy the  
requirements of our customers and keep our competitive position  
by our flexibility.*



*This Catalogue is the result of our efforts to present our hand tools  
even better than we have in the past. It is divided into 14 sections  
making access to information on specific items even easier.*



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*We were awarded the GS certificate for our tools in 1988. The certificate is issued and controlled by VPA Institute in Remscheid, Germany.*



*As this institute, hand tools are controlled according to the most recent DIN standards which are used world wide. Only quality products are certified with GS mark.*



*SQ is the first national mark of quality for goods produced in Slovenia. We were awarded the golden SQ mark in 1991 when it was awarded for the first time.*



*The golden national mark of quality is awarded for products which obtain quality control certificate.*



*UNIOR is also a full member of CEO.*



## S T A N D A R D S



*Through its international activities, UNIOR has been part of the European and world economic scene for many years. Through cooperation with our partners, customers and suppliers we have established long lasting business relationship.*

*We reinforce these relationship with the **QUALITY** and **REALIBILITY** of our products. To achive these goals our operation has to be efficient.*

*The fact that UNIOR has achieved ISO 9001 certificate proves that we continuously look to improve quality in our production programme.*

*On June 16th 1994 we were awarded the ISO 9001 standard covering development, production and marketing of hand tools, metal containers for hand tools and machines treatment of forget parts. In January 2003 we have receive certyficat ISO 9001-2000.*

*In 1991, we were awarded the VDE certificate for our pliers and screwdrivers issued by the VDE Institute "Pruf- und Zertifizierungsinstitut" in Offenbach in Germany. This certificate guarantees the safety of UNIOR tools. The institute constantly controls safety of our tools according to the most recent standards in this field including DIN IEC 78 and DIN EN 60900.*

## S A F E U S E O F H A N D T O O L S

*Hand tools are Men's oldest aid to working. Although their original forms have not changed much, considerable technical progress has recently made in the use, maintainance, and safety of hand tools.*

### G E N E R A L C R I T E R I A F O R S A F E T O O L S

*Safety of tools is of uppermost importance during the production process. When producing hand tools it is necessary to follow regulations on quality and safety of such tools. These regulations are mostly included in DIN standards and partly in VDE standards.*

*DIN standards for hand tools are:*

*41 – standards for hand tools – tools for fasteners*

*42 – standards for hand tools – hand tools*

*DIN standards include regulations on forms, material and quality of hand tools. Producers must follow the standards on safety at work with hand tools. Divergence from standards is allowed only if safety is assured in another way.*

*The mark DIN means that the product is standardized , that means the standards have been considered in its production.*

*When a tool does not have the mark DIN its quality must be determined by extra tests.*

### M A I N T A I N C E O F H A N D T O O L S

*It is absolutely necessary to maintain hand tools regularly and professionally. Maintenance includes the examination of the proper position of handles, sharpness of cutting parts, accuracy of hand tools, etc.*

## PROPER CHOICE OF HAND TOOLS

*Hand tools are intended for general and specific uses. Both producers and user have to consider the proper choice of tools. When choosing a tool it is necessary to consider the*

*purpose of its use. Using a wrong hand tool may result in its damage and/or injury to the user.*



## PREVENTION OF ACCIDENTS AT WORK WITH HAND TOOLS

**TO PREVENT ACCIDENTS AT WORK WITH HAND TOOLS IT IS NECESSARY TO ADHERE TO THE FOLLOWING BASIC RULES:**

- \* *USE ONLY HIGH QUALITY HAND TOOLS;*
- \* *CHOOSE THE HARDNESS OF THE MATERIAL THE TOOL IS MADE OF ACCORDING TO THE PURPOSE IT HAS BEEN INTENDED FOR;*
- \* *USE THE HAND TOOL PROPERLY;*
- \* *USE INSULATED TOOLS WHEN YOU WORK ON DEVICES UNDER VOLTAGE;*
- \* *USE FIRE – RESISTANT TOOL WHERE IS A DANGER THAT A FIRE MAY BREAK OUT;*
- \* *WHEN TRANSPORTING HAND TOOLS TO THE WORK PLACE USE APPROPRIATE CONTAINERS, ESPECIALLY IF YOU WORK HIGH ABOVE GROUND;*
- \* *PROTECT BLADES OF TOOLS FROM ACCIDENTAL DAMAGE;*
- \* *DO NOT LEAVE TOOLS ON DANGEROUS PLACES (FOR EXAMPLE CLOSE TO MOVING OR ROTATING PARTS OF MACHINES)*
- \* *EXAMINE ALL TOOLS BEFORE AND AFTER USE;*
- \* *MEND OR REPLACE THE DAMAGED TOOLS.*

