

Tebis: The Process.

tebis
THE CAD/CAM EXPERTS

Tebis Version 4.0
at a glance

4.0

New:

Tebis Version 4.0

Maximum efficiency
for the world of
NC automation

Tebis. Complete software solutions and highly efficient processes for development, design and manufacturing.

Innovative user interface.
Simple operation.

New structure.
Cost-effective in every performance class.

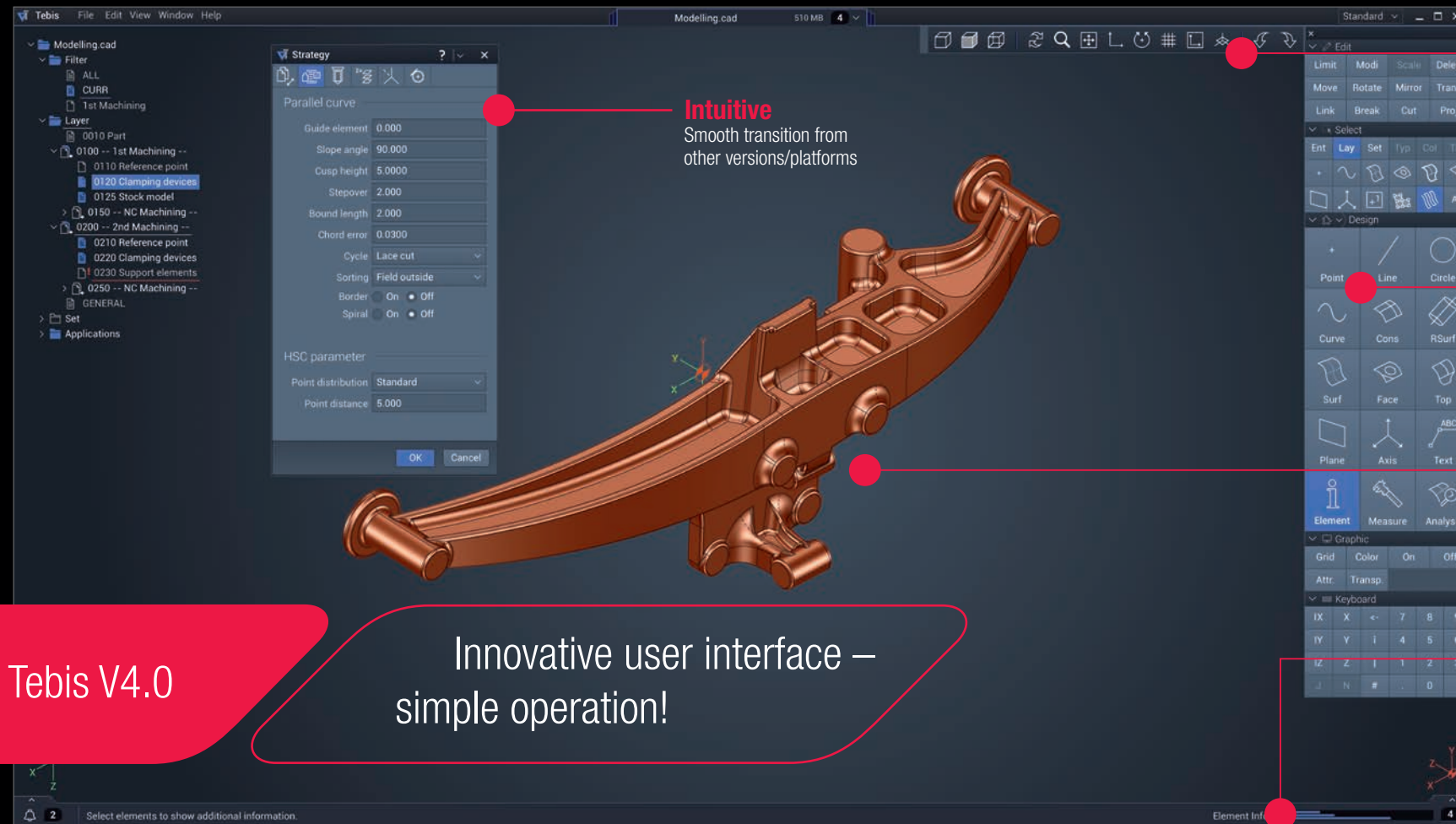
Maximum NC automation.
Manufacture at top quality.

Industry packages. Mold and Die,
Mechanical Engineering, Industrial Design.

Confidence from reliability. Continue
working as usual with the new V4.0.

Your benefits. Start simple, expand
cost-effectively, optimize consistently.

The pole position for your process productivity!
With Tebis, the global quality brand for creative engineering.



Modern

Distinctive appearance
Unique user interface

Flexible

Individual working environments
Maximum graphics area

Sunburst

Highlight effect

Informative

Helpful system feedback
Clearly organized multitasking

Tebis V4.0

Innovative user interface —
simple operation!

Simple. Straightforward. Ergonomic.

Enjoy the world's most advanced CAD/CAM user interface. You can configure it individually to be as flexible and informative as you need for your process.

International user interface.

Tebis Version 4.0 gives you new potential for international markets. Developed for use worldwide, including in Russian, Japanese and Chinese.

High-quality. Specialized. Cost-effective.
Tebis Version 4.0 gives you completely new perspectives: user-specific industry and special packages with performance levels, optional add-ons, and interfaces.

Update. Work as usual. Benefit.
After updating to Tebis Version 4.0, you can continue working as usual with your existing functions – and benefit from the new GUI as well as from many new and additional functions.

New structure – cost-effective
in every performance class

Tebis industry packages

The new Tebis application packages exactly fit your existing Tebis CAD/CAM/NC process chains and offer you the specialized functions you need in your sector.

Tebis special packages

Supplement your industry package with the Tebis special packages containing functions applicable across industry sectors – for highly demanding workplaces.

Performance levels

With up to three levels, Tebis 4.0 lowers your entry cost into the premium class of model, die and mold manufacturing. Even as a demanding mechanical engineer or industrial designer, you gain maximum efficiency for your processes with Tebis Version 4.0.

Industry package Mold and Die

Levels Standard Pro Premium

From the cost-effective solution for manufacturing model, die and mold components with the job manager up to the premium package for rapid processing of large complex dies in high quality through automation and standardization.

Industry package Mechanical Engineering

Levels Standard Pro

From the cost-effective solution for processing prismatic parts with the job manager up to industry-specific 3D and 5-axis simultaneous machining with collision and full-width avoidance as well as simulation of material removal.

Industry package Industrial Design

Levels Standard Pro Premium

From classic reverse engineering for low-cost duplication and with no special knowledge up to the premium solution for obtaining Class-A surface quality in design and demanding styling of surfaces.

Special package Design

Levels Standard Pro

For supplementing Tebis design process chains for analysis, dimensioning, structuring and designing up to the manipulation of demanding geometries, including check templates for quality assurance and functions for NC preparation.

Special package Manufacturing

Levels Standard Pro

For supplementing Tebis manufacturing process chains in model, die and mold manufacturing including the job manager, analysis, dimensioning and structuring up to manufacturing preparation and check templates for quality assurance.

Special package Trim Machining

Levels Shopfloor Standard Pro

For NC programming of trimming operations with the job manager, including analysis and preparation functions as well as automatic head collision checking up to the pro package with functions for prismatic machining and surface finishing.

Special package Laser Cutting

Levels Shopfloor Standard

For NC programming of laser cutting systems with the job manager, including analysis and preparation functions as well as automatic head collision checking up to standardized NC programming with NC templates and the design of setup devices.

Special package Turning

For cost-effective NC programming of purely turning machines with the job manager, including analysis, design and geometry preparation, simulation and drilling functions.

Special package Viewer

Levels Standard Pro NC

For work with CAD data in the proposal phase and assembly up to comprehensive geometry and quality analysis and access to the job manager, NC simulation and NC output. The current versions of CAD and CAM files are thus always accessible to all participants in the manufacturing process, resulting in paperless process chains.

Extensions and interfaces for industry
and special packages

You can equip all industry and special packages with additional extensions. You can thus adapt your CAD/CAM/NC stations exactly to the given requirements.

Design NC Automation Quality Assurance
Manufacturing NC Safety Data Management
Manufacturing Preparation NC Efficiency

Your CAD/CAM/NC stations exchange data (geometry, manufacturing information and structures) via the proven standard and direct interfaces.

Tebis V4.0

Your automation platform
for the future

New methods

Innovative technology

Confidence from reliability

Intuitive interface

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THE CAD/CAM EXPERTS

**Simplify your processes and be more competitive –
with innovative Tebis V4.0 functions:**

- Quickly and reliably create NC programs with free-form features.
- Make optimum use of tools and improve process reliability with trochoidal full-width machining.
- Optimally utilize machine capacity by planning with run time calculation.
- Gain time and improve reliability with automated geometry preparation for trim and forming
- Produce the best quality with optimized 3D stepover.
- Manufacture cost-effectively and flexibly using robots.
- Quickly reverse-engineer and model surfaces to the highest quality.

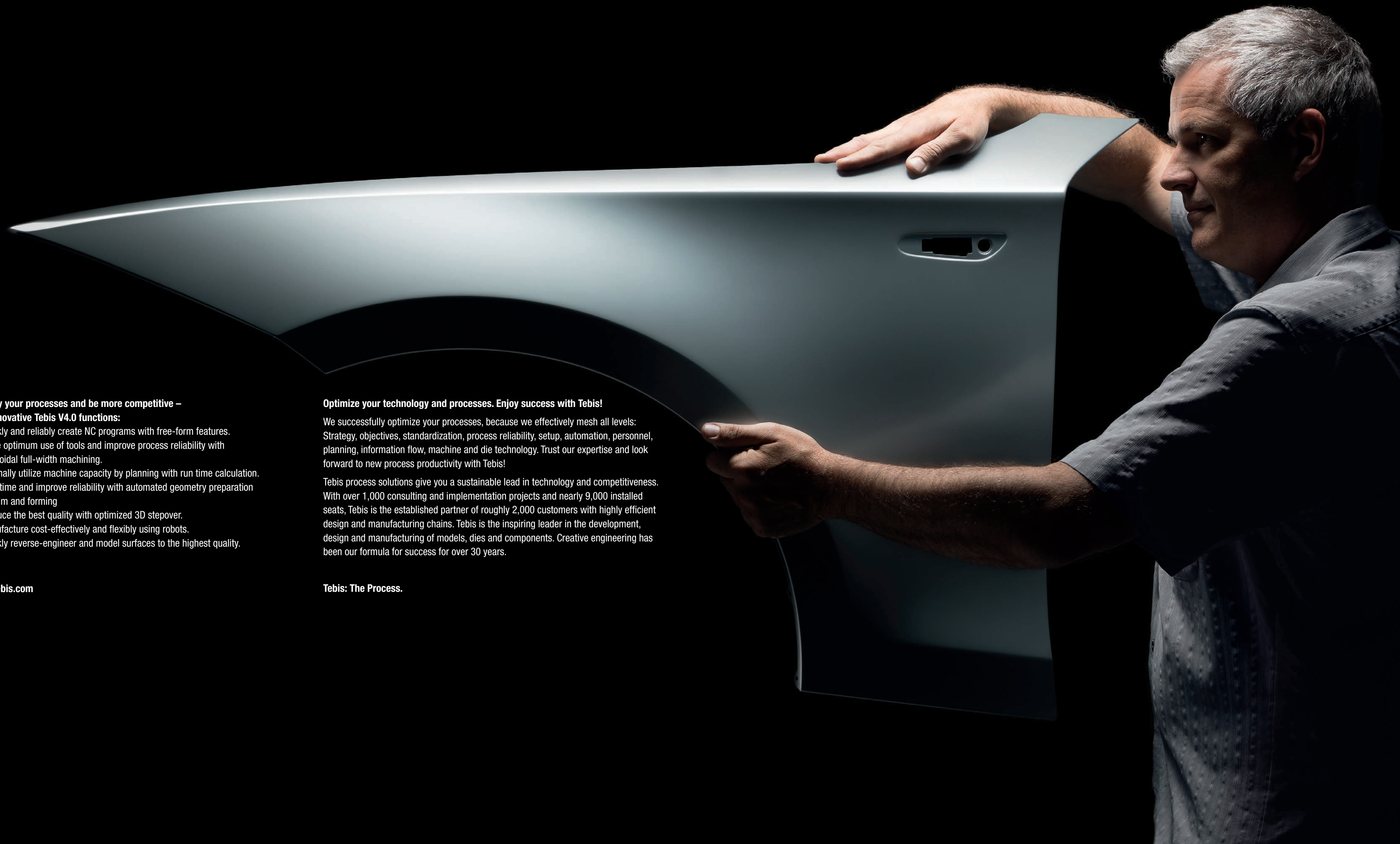
www.tebis.com

Optimize your technology and processes. Enjoy success with Tebis!

We successfully optimize your processes, because we effectively mesh all levels: Strategy, objectives, standardization, process reliability, setup, automation, personnel, planning, information flow, machine and die technology. Trust our expertise and look forward to new process productivity with Tebis!

Tebis process solutions give you a sustainable lead in technology and competitiveness. With over 1,000 consulting and implementation projects and nearly 9,000 installed seats, Tebis is the established partner of roughly 2,000 customers with highly efficient design and manufacturing chains. Tebis is the inspiring leader in the development, design and manufacturing of models, dies and components. Creative engineering has been our formula for success for over 30 years.

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Tebis

**Technische Informationssysteme
Aktiengesellschaft**

Einsteinstr. 39
82152 Martinsried/Planegg
Germany
Tel. +49/89/81803-0
info@tebis.com

www.tebis.com

Tebis America Inc., Troy, info-america@tebis.com
Tebis China Co. Ltd., Shanghai, info-china@tebis.com
Tebis France SARL, Lyon, info-france@tebis.com
Tebis Iberia S.L., Alcobendas (Madrid),
info-iberia@tebis.com
Tebis Italia S.r.l., Rivoli TO, info-italia@tebis.com
Tebis Portugal Unipessoal, Lda.
Marinha Grande, info-portugal@tebis.com
Tebis Scandinavia AB, Hisings Backa,
info-scandinavia@tebis.com
Tebis (UK) Ltd., Coventry, info-uk@tebis.com