

PRIMINER

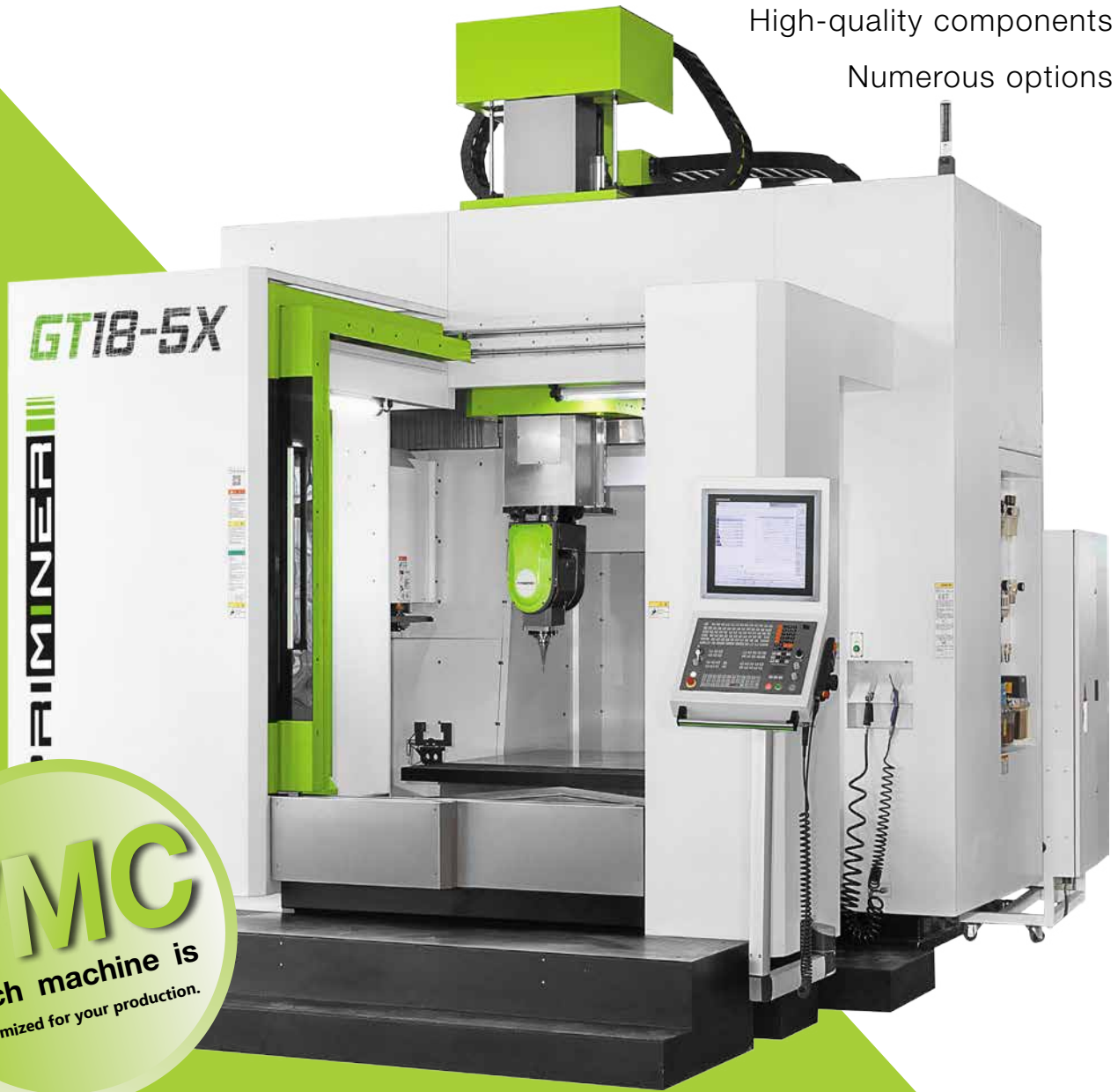
VERTICAL MACHINING CENTERS

PRECISE · DYNAMIC · RELIABLE

Top price/performance ratio

High-quality components

Numerous options



VMC
Each machine is
customized for your production.





PRIMINER

The Company



Jack Chen | CEO Priminer Company Group
Benjamin Kaehlcke | General Manager, Germany



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We stay up to date

“Only employees which are regular trained and involved in the development of our production process can understand the requirements of present and future as a whole.” According to Mr. Kaehlcke GF of Priminer Germany. “This is the case for our German and China team members. We have an intensive exchange program between our two major spots, additional to our permanent training course at our global leading sub-suppliers.”





HOW WE DO IT

Consequent QC-management according to international norms, a highly motivated team of specialists, advantages of serial production and reliable top sub-suppliers with global leading positions are columns of our success. An open and result-oriented company culture through all levels is the basement for a permanent high level of our reliability and products.



Our Team

International, competent, highly motivated and always open for new ideas... This is our team. The cooperate culture is a mirror of these attitudes. Our management has got a "open ear" from bottom to top and we are and we practise flat hierarchy.

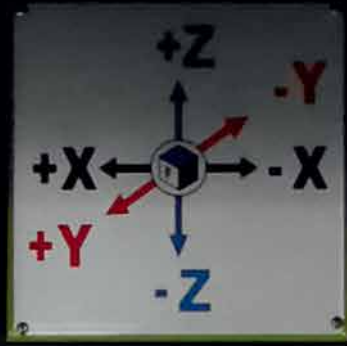
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PRIMINER



ER Global TEAM





OUR KNOW-HOW FOR YOUR BUSINESS

Technology & Know-how

We think and plan the future already now. A growing in-house R&D department with experienced engineers which develop our machine concepts are our warrantor that we are prepared for the upcoming trends of the machine tools business. We are listening to the market. Flexibility in the matter of CNC controllers is for us a must, here we only go with the market leaders. Without any compromise!





Alpha Center V13L · V15L



- Cast iron is tempered for stress relief to ensure structural stability without deformation
- C3 class ballscrews ensures the highest accuracy and durability
- Pre-tension on all axis minimizes thermal distortion



V15L frame with Y axis four linear guideways

| Technical Specifications | | V13L | V15L |
|--|--------|---|------------------|
| Table | | | |
| Table size | mm | 1500 x 650 | 1700 x 700 |
| T-slot (width x number x distance) | mm | 18 x 5 x 100 | 18 x 6 x 100 |
| Max. load | kg | 1200 | 1500 |
| Travel | | | |
| X / Y / Z Travel | mm | 1300 / 650 / 600 | 1500 / 760 / 700 |
| Spindle nose to table | mm | 150 - 750 | 130 - 830 |
| Spindle center to column | mm | 697 | 802 |
| Spindle | | | |
| Spindle taper | - | SK40/BT40/CAT40 | |
| Spindle speed | rpm | 10000 | |
| Spindle motor power/torque | - | 20/53kW; 126/250Nm(SIEMENS) 11/18.5kW; 52.5/118Nm(FANUC) | |
| Tool changer | | | |
| Number of tools | pcs | 24 | |
| Max. tool length | mm | 300 | |
| Max. tool diameter | mm | Φ78 / Φ125 | |
| Max. tool weight | kg | 8 | |
| Feed | | | |
| Rapid feed X/Y/Z | m/min | 36/36/24 | 24/24/24 |
| Cutting speed | mm/min | 1-12000 | |
| Accuracy (VDI 3441 Full travel) | | | |
| Positioning accuracy | mm | 0.010 | |
| Positioning repeatability | mm | 0.006 | |
| Dimensions & Weight | | | |
| Dimensions | mm | 4025x3090x3185 | 5180x2365x3170 |
| Weight | kg | 8000 | 10000 |

Standard configuration:

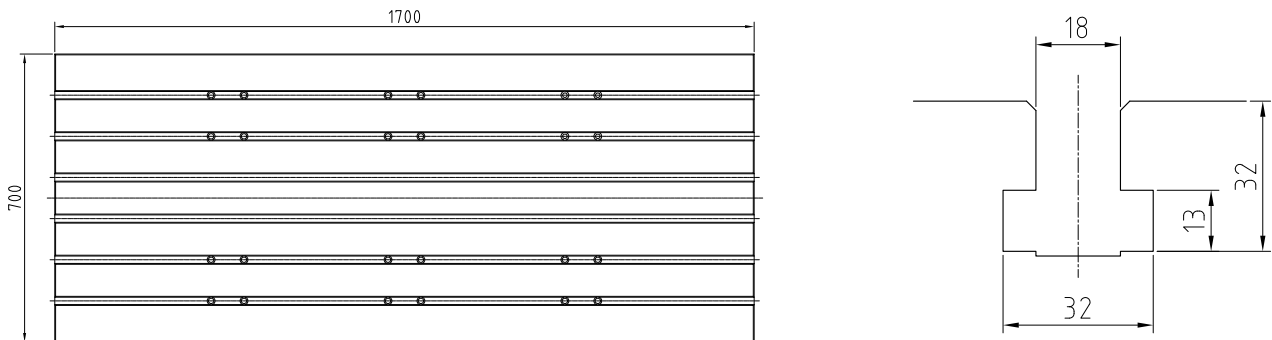
- ✓ Fully enclosed splash guard
- ✓ Belt drive spindle 10000 rpm
- ✓ 24 pockets arm tool changer
- ✓ Chain type chip conveyor
- ✓ Air-conditioned electrical cabinet
- ✓ Rigid tapping
- ✓ Ethernet, CF card and USB interface
- ✓ Automatic lubrication system
- ✓ Coolant system
- ✓ LED working lamp
- ✓ End of program light
- ✓ Electronic handwheel (MPG)
- ✓ Tool box
- ✓ Leveling bolts and blocks
- ✓ Coolant gun
- ✓ Air gun
- ✓ Air blast during cutting
- ✓ User Manual

Optional configuration:

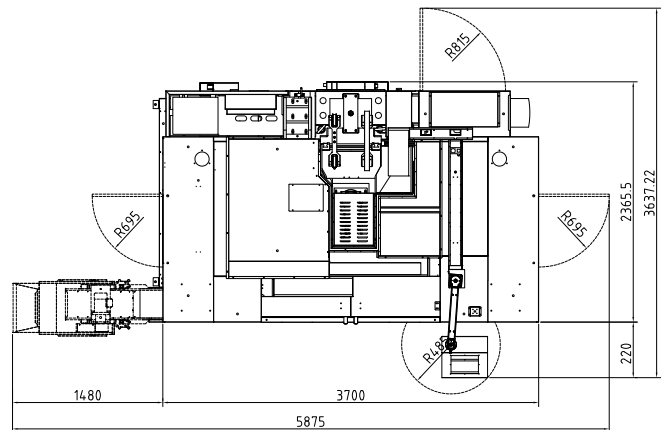
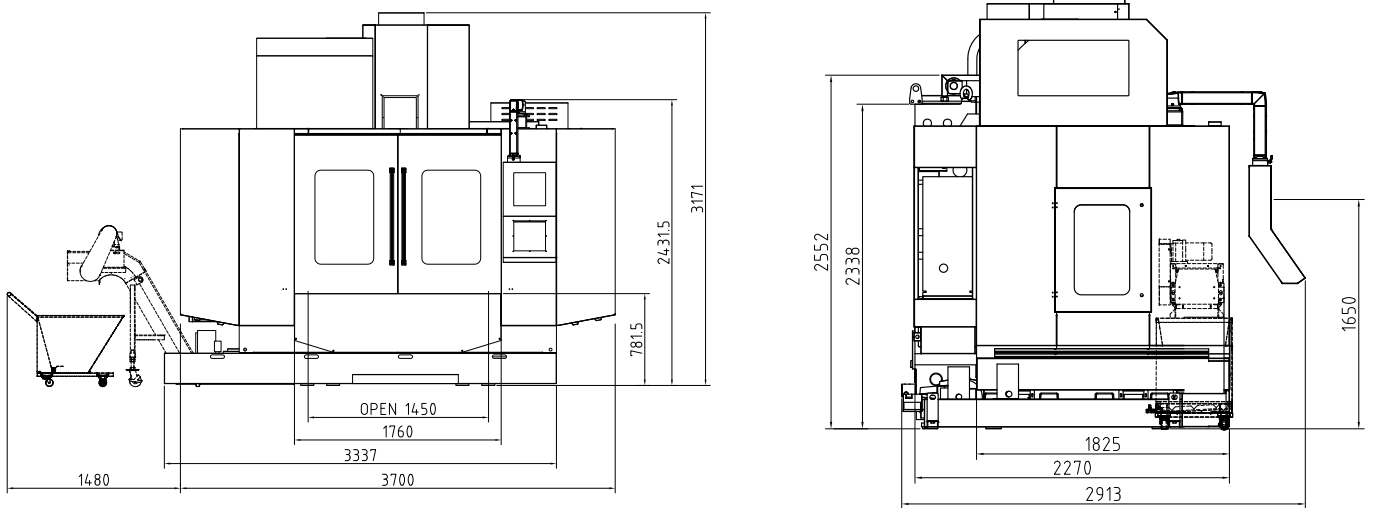
- Belt drive spindle 6000 rpm BT50
- Belt drive spindle 8000 rpm BT50(Only available on V13L)
- Direct drive spindle 12000rpm
- Direct drive spindle 15000 rpm(Only available on SIEMENS and HEIDENHAIN)
- Spindle oil cooler
- CTS Coolant through spindle + ATS
- Oil skimmer
- Workpiece probe
- Tool probe
- 4th axis
- 4/5th axis

* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.

Worktable (V15L)



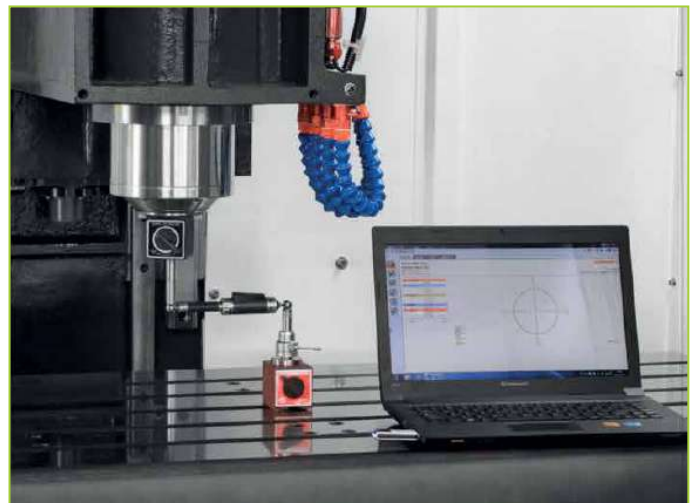
Dimensions (V15L)



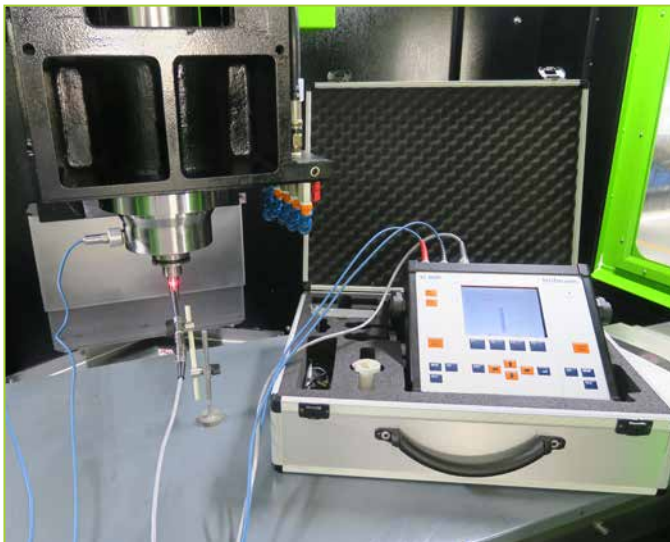
5th axis, different sizes

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Measurements control during the production



Spindle unit final unbalancing inspection



Hand scraping



pl LEHMANN®



Swiss Rotary Table Technology

High speed

- ✓ Up to 210 rpm
- ✓ up to 0.21 sec / 90°

More space

- ✓ Extended travel in Z- and X-direction

Heavy duty

- ✓ High spindle load, heavy-duty bearing

High torque

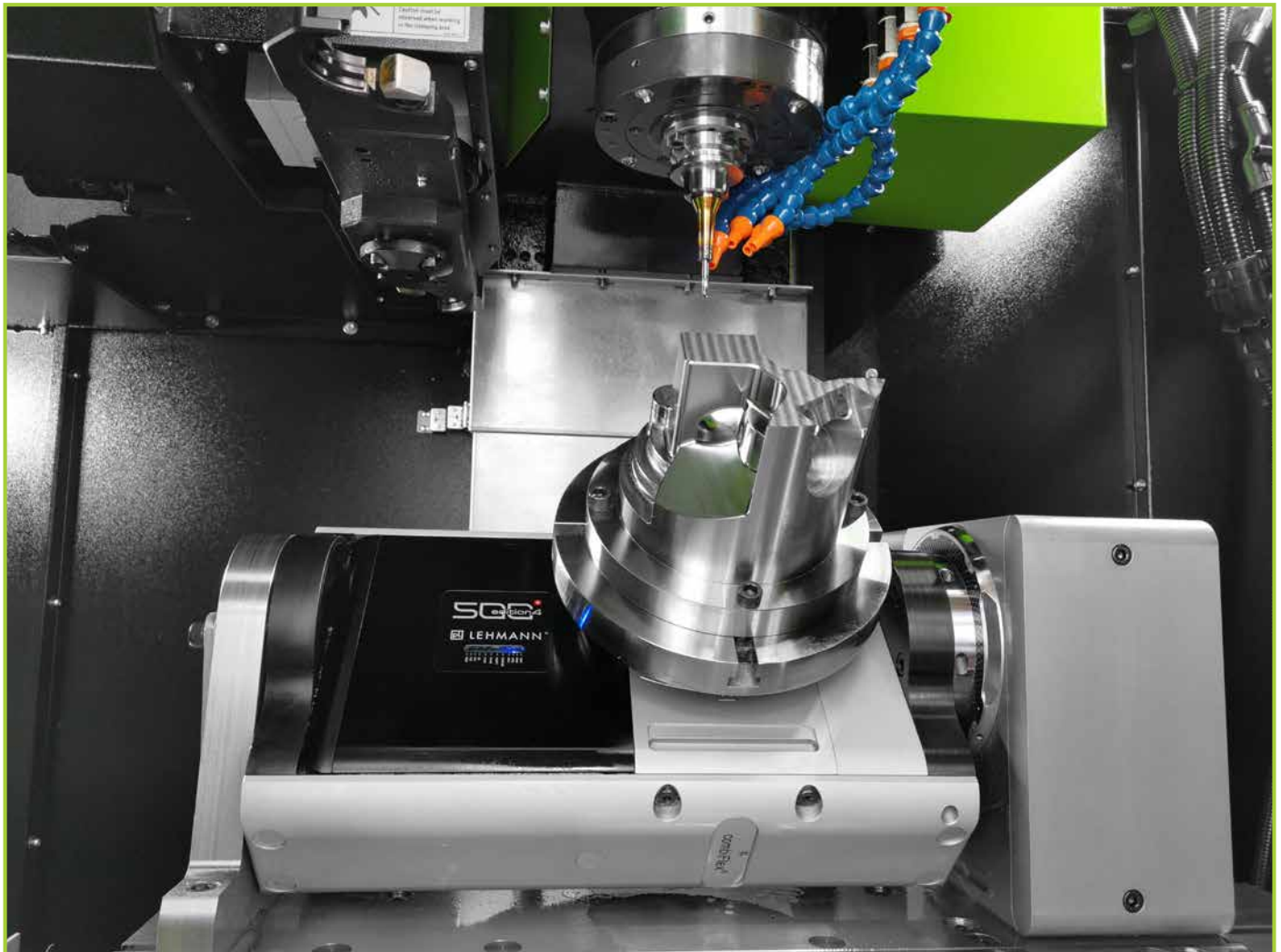
- ✓ Feed torque up to 850 Nm

Adaptability

- ✓ Multifunctional spindle HSK

Precision

- ✓ On the workpiece, as precise as 2µm / 100 mm



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SIEMENS



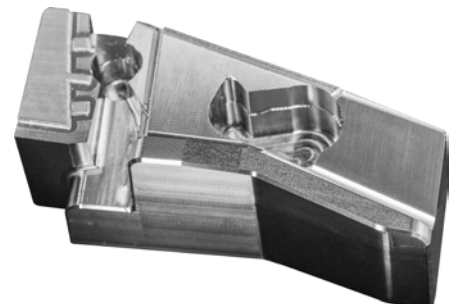
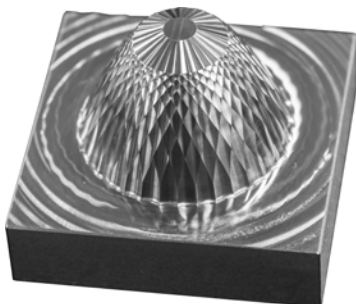
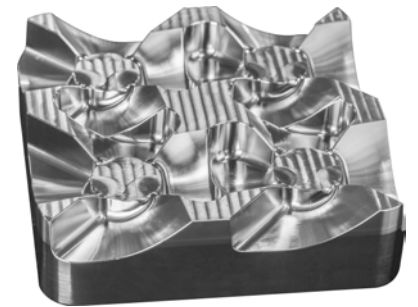
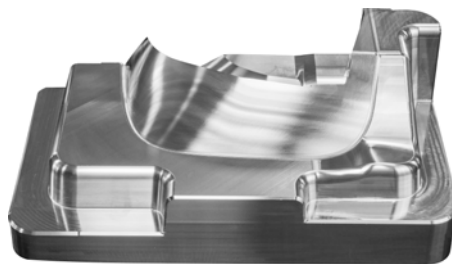
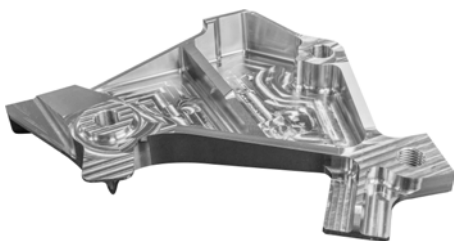
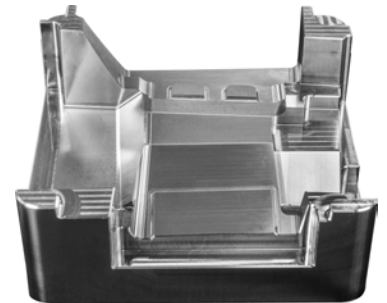
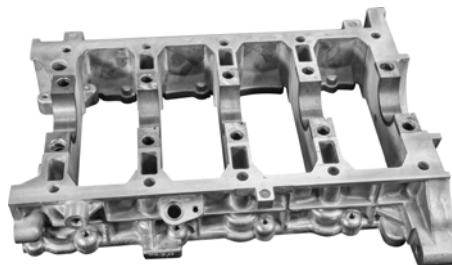
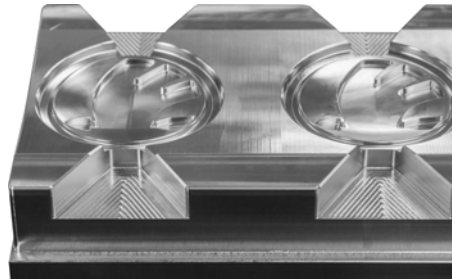
HEIDENHAIN



FANUC



FAGOR



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hyperMILL
SolidCAM
 The Leaders in Integrated CAM



DIJET NS TOOL
GÜHRING



LEHMANN



MST



SCHUNK



Blaser.
 SWISSLUBE



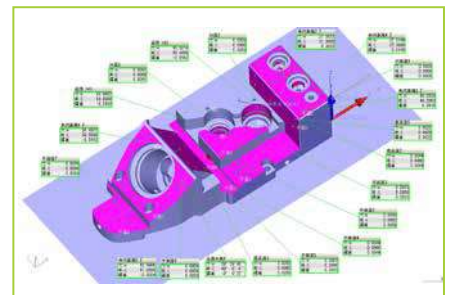
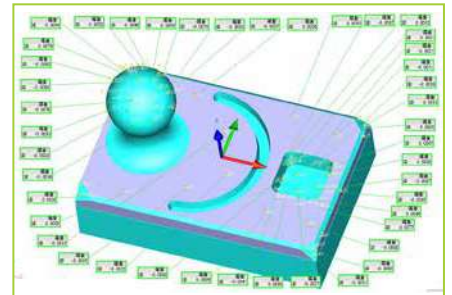
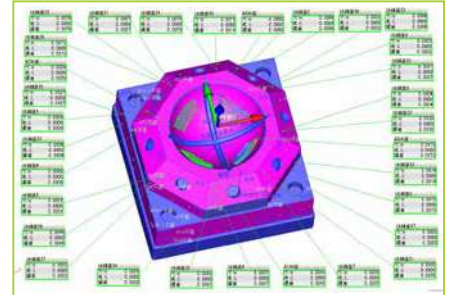
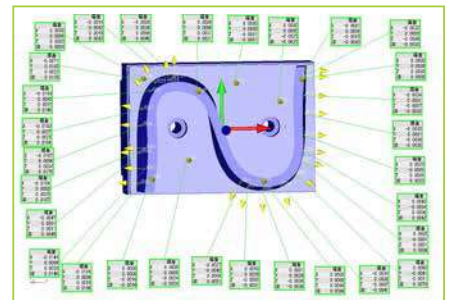
REGO-FIX



BLUM
 focus on productivity

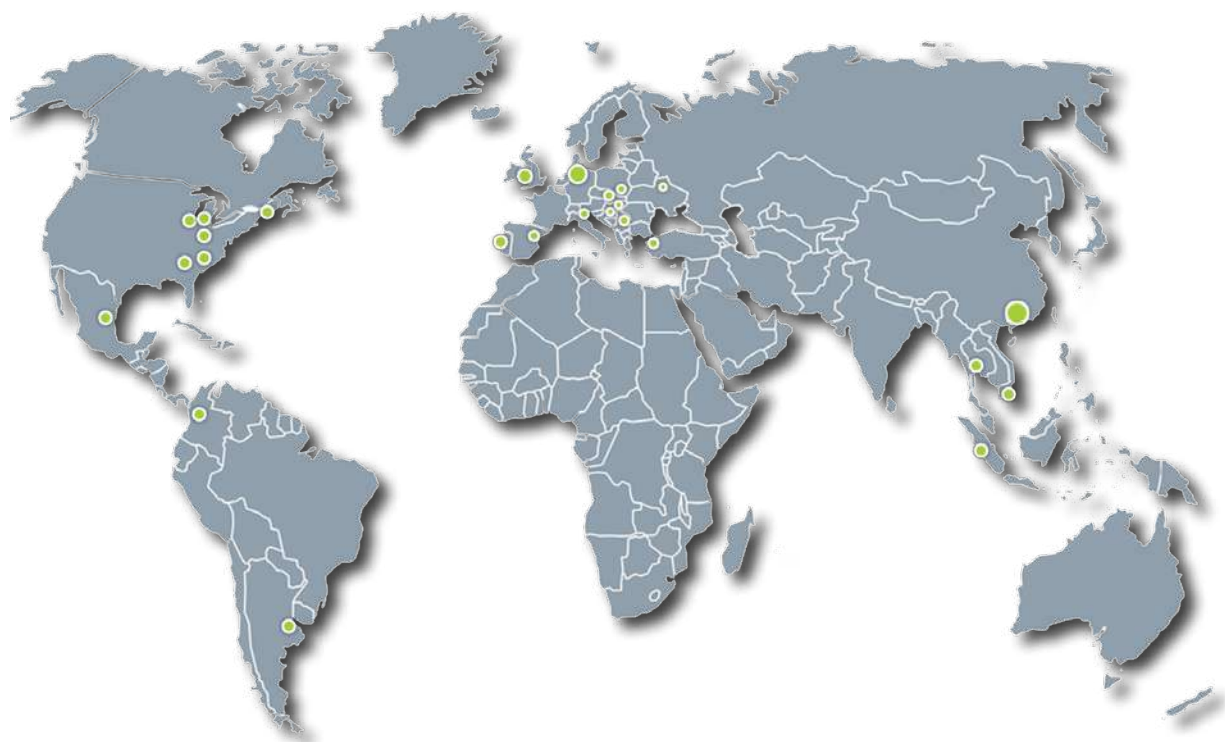


Workpiece measuring by CMM



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