

VIVA TURN Series

Horizontal Turning Centers



PARTNER FOR YOUR METAL-CUTTING SOLUTION

VIVA TURN Series

Highlights

The VIVA TURN Series

The new class in turning

- Optimal rigidity and thermal stability
- Compact design
- Many options available
- Easy connection to IT networks

With over one million machine tools sold SMTCL stands for the highest level of experience and technical expertise. Correspondingly successful is the VIVA TURN Series with its long-established presence in the market for horizontal machine tools. The VIVA Turn Series offers you state of the art processing delivered as a reliable and affordable overall package.



Generous access allows easy loading with a crane. Excellent illumination by LED lights

LED signal tower

Chip conveyor with cart



Horizontal turret with additional option C-axis and driven tools

Selectable Controls



Fanuc 0i-TD



Siemens 828D

Sophisticated design with high rigidity

The modular structure of VIVA TURN horizontal turning centers is perfectly suited for applications with high demands in terms of precision and efficiency. Design and layout of the machining centers (integral body) stand for superior stiffness and low vibration.



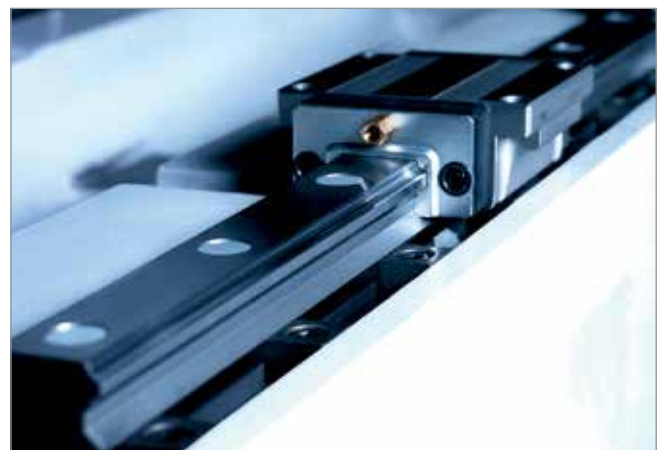
Tool turrets

VIVA TURN horizontal turning centers are equipped with a SMTCL proprietary design turret, featuring excellent stiffness, safe locking, fast indexing and high positioning and repeat precision. Optionally we can also offer tool turrets supplied by European manufacturers.



Tool turrets – also with driven tools

Combined with our 12-station driven tool turret the VIVA TURN machining center is turned into an “all-round talent”.



Guides

All centers are equipped with high-quality precision linear guides and ball screws.

Spindles

The integrated VIVA TURN spindle has been developed in co-operation with one of the worldwide leading manufacturers in the field of spindle technology and distinguishes itself through extraordinary stiffness and high speed performance.

Standard and Options

Tailstocks

The integrated hydraulic tailstock ensures an optimum degree of stability, supported by strong thrust from the tailstock center.



Chip removal

Through an automated slate-band chain conveyor system chips and related emission of heat are safely transferred to the respective chip tank, including overload protection. Solid design telescopic covers for slant-bed systems prevent accumulation of chips. The chip removal system can be installed on either side of the unit, as required.



Useful Options

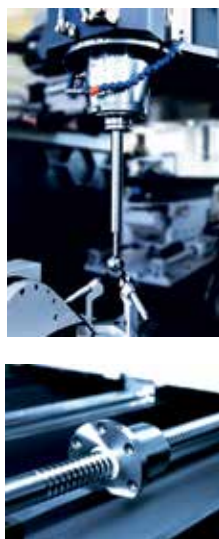
Besides the various types of electric or hydraulic tool turret systems there are also a number of options available for further improvement of productivity, such as the VIVA TURN parts catcher, a software interface for the bar feeder and matching three-jaw chuck. Upon request, the VIVA TURN series can also be fitted with a tool setter for optimization of the machining process. In terms of software configuration controls can be equipped with dialogue-programming support FANUC Manual Guide i or SIEMENS Turn Mill.





German Development and Design

In recent years we have made significant investments into research and development, not only to consistently improve the competitiveness of our product range, but also to further advance and consolidate our position at the forefront of technological development within the industry. Our new machine generations are developed and designed by SYMG in Germany, with the subsequent production of prototypes also taking place at our German facilities. Following extensive and meticulous product testing the manufacture of new machines is integrated into the Shenyang production system. Each of our products finally leaves works only after, once more, having successfully passed stringent quality control and endurance testing.

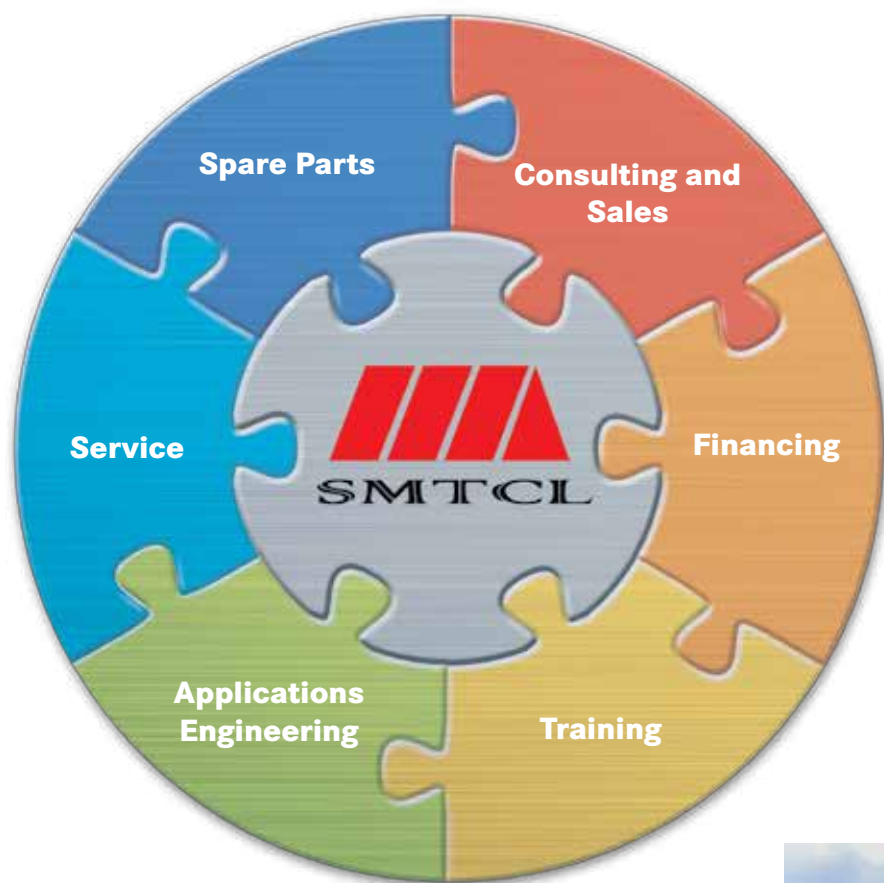


Your Full Service Partner

In order to ultimately safeguard a favorable return on your investment, service and maintenance must be optimally organized prior to and following commissioning. As your Full Service Partner we will ensure utmost performance: We do provide an extensive network of qualified and continuously trained specialists and service technicians. Adapted to the individual needs and requirements of our customers, our range of services covers everything from commissioning to the supply of consumables and professionally competent maintenance. Through our comprehensive range of spare parts held available in store in Germany, we can additionally guarantee the fastest possible delivery and supply of any spare parts required.

VIVA TURN Series

A Strong Partner



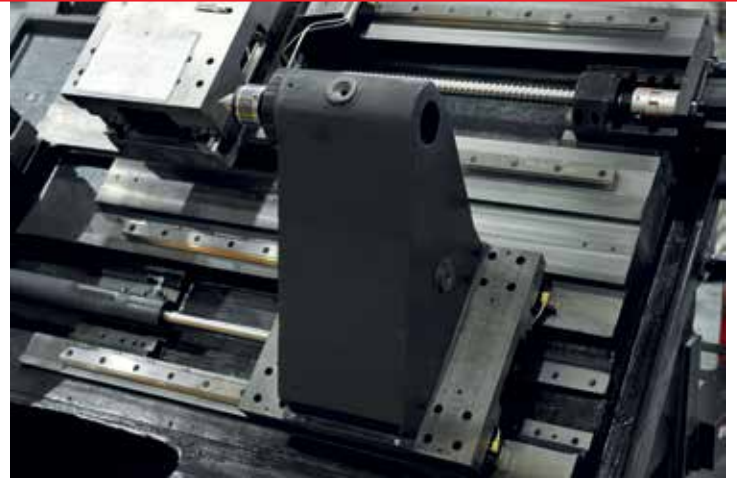
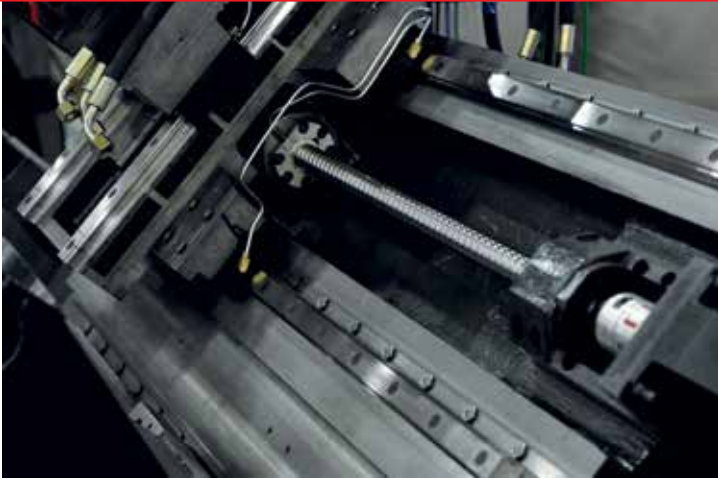
One Stop Solutions

With SMTCL as a strong partner you will be able to get everything from a single source. From individual consultation regarding customized financing models to technically efficient realization up to spare parts procurement, all sales and after-sales tasks are provided for, covering each customer's individual needs and specific requirements. We will always be able to offer you the perfect solution.

Shenyang Machine Tool Group

From its early beginnings as a small machine tool factory in Shenyang during the 1930s, SYMG has steadily grown to become one of the world's leading machine tool manufacturers. Today the Shenyang Machine Tool Group comprises the Shenyang Machine Tool Co. Ltd (SMTCL), Schiess GmbH and Schiess Tech GmbH, Yunnan Machine Tool Co. Ltd. and Kunming Machine Tool Co. Ltd. With more than 18,000 employees around the world, SYMG produces first class turning, milling, boring and drilling machine tools for customers in over 80 countries.







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