quicktech blue technology
ENGINEERING AUS DEUTSCHLAND

INDUSTRIAL REVOLUTION

Big data analytics

Productivity 4.0

Interactive Technology

New Energy Vehicles

Flexible Manufacturing Technolgoy

Intelligent Manufacturing2020

Ai intelligent learning

Engineering Intensive solution

Cloud Computing

RENAISSANCE

Medical Biotechnology

Industry 4.0

Aerospace Technology

Green Energy

Innovation and Development

Industry

Automation Equipment

www.quicktech.com.tw

Company Introduction

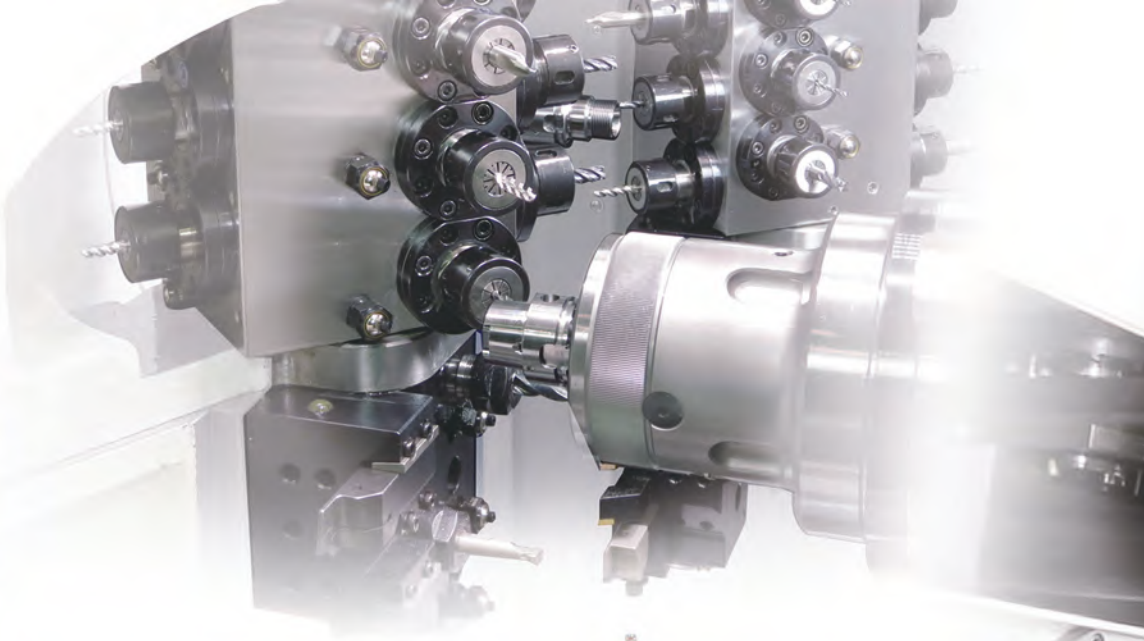
In retrospect of Taiwanese industry, QuickTech Machinery has made its remarkable leaps on the market with the unique 3-axis gantry tooling system since the establishment in 1996.

The market strategy let QuickTech has a tight connection with the whole world. The complete series from 2 axis to 14 axis high precision CNC lathe offer all kinds of eco solution to make every customer satisfied with machine performance.

Many luxurious accessory parts of famous European brands are also made by QuickTech's automatic CNC lathe. "German inheritance, exquisite technology", with its unique duo process and twin spindle system, QuickTech has stood out proudly in the automatic CNC lathe market.

The most efficient solution for metal applications in biomedical, aerospace technology and new energy vehicle industries. Enable you to machine the most demanding and complex parts in a single setup and achieve automated, unattended production.


quick tech
Ultimate
i-42
SolidCAM




quick tech
T8 GTB Hybrid
SolidCAM

Ultimate engineering performance combines with application-specific technology based on big data analytics, cloud computing and Flexible Machining System.

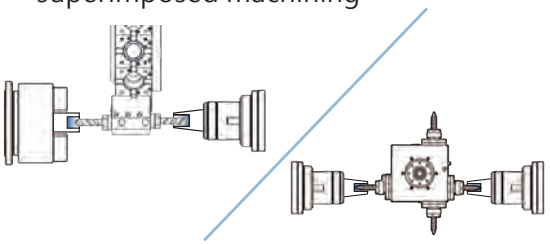
Smart do in all cutting solution

Intelligent Manufacturing Experience with a total automation range of solutions leading to Innovative R&D, Intelligent Oriented learning, Automatic loading kit.

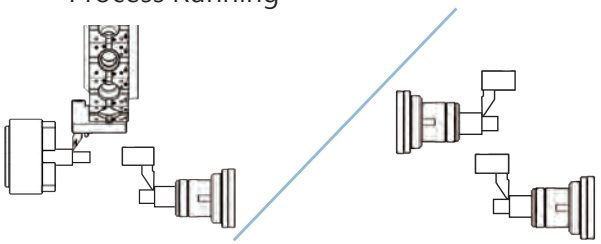

automation
quicktech
powered by SolidCAM
T8 ATC Hybrid
MITSUBISHI ELECTRIC
quicktech

Machining applications

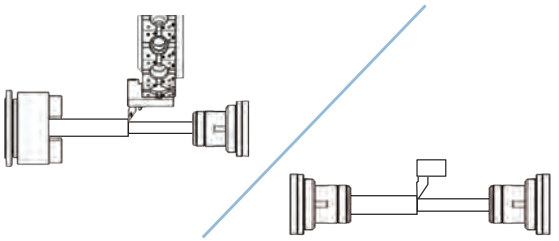
1 Twin Spindle superimposed machining



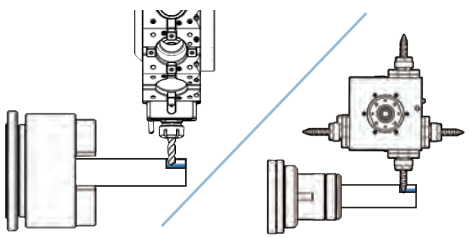
2 Simultaneously Double Process Running



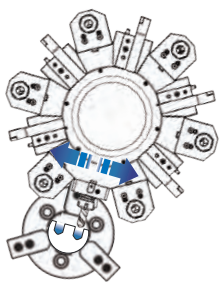
3 Long work-piece machining



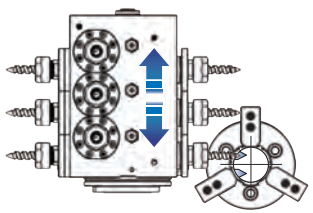
4 Live tool milling on main spindle



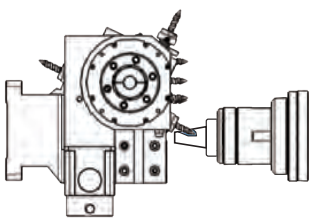
5 Y axis milling on main spindle



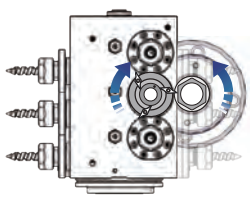
6 Off-center milling on sub spindle



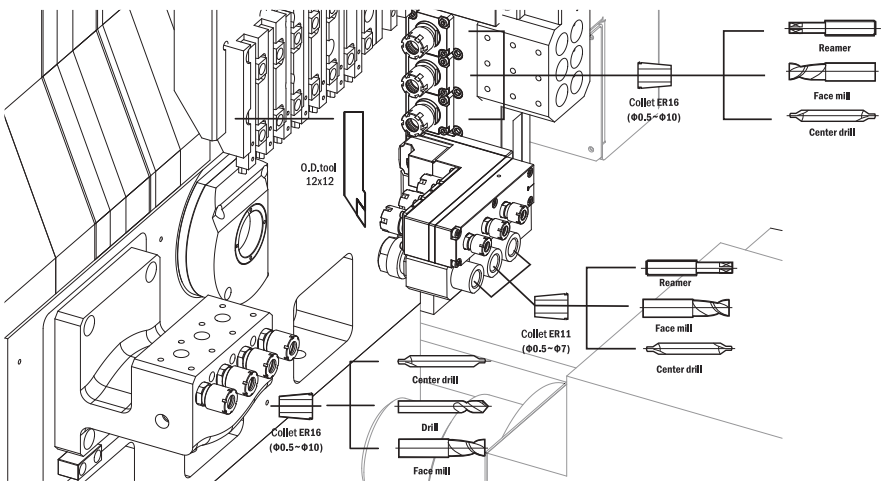
7 Tapping or drilling by free Angle B axis on sub spindle

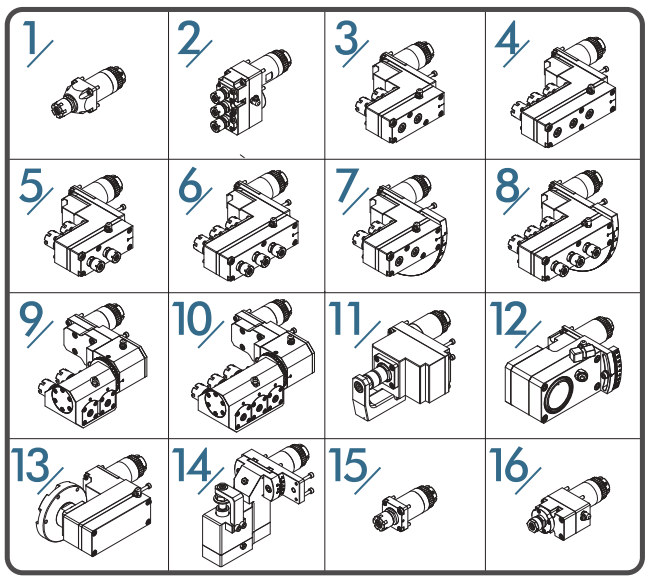


8 Polygon Generating Cutting



Tooling layout





ADVANCED MILLTURN

The Revolution in CNC machining、integrated CAD-CAM、
AI- Intelligent Learning、Smart machining- SolidCAM

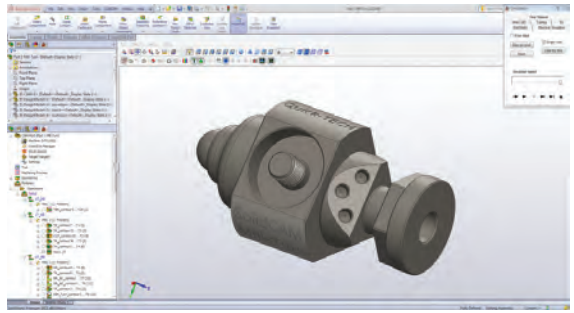
SolidCAM
The Leaders in Integrated CAM
The Complete Integrated CNC Manufacturing
Solution Inside SolidWorks

iMachining
Technology-
Wizard
Full automatic calculation of:
Feed Rate
Spindle Speed
Step Over
Depth

TOOL
MATERIAL
GEOMETRY
MACHINE

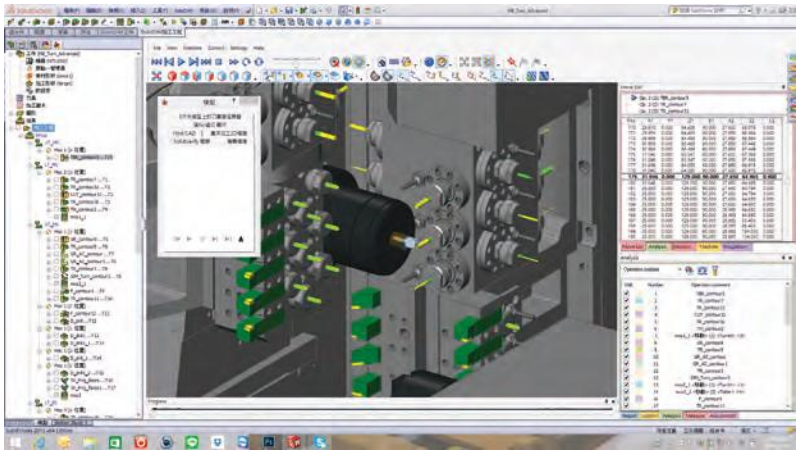
SolidCAM Mill-Turn for multiple turret and multiple spindle CNC machines

The fastest growing and most demanding class of CNC machines on the market today are multi-task machines, that combine several capabilities into one machine. Multiple spindles, multiple turrets, material being machined in multiple stages, transferring from spindle to spindle without handling, stock inserted at one end, finished parts coming out the other. 4/5-Axis Simultaneous Mill Turn machines have many uses and allow much more flexibility and capabilities, not offered from other machine configurations. With this in mind many of these have multi-axes, upper turrets, lower turrets, CYB and Sub Spindles.



SolidCAM has the advanced technology to support the programming of all the latest multi-function CNC machines, providing powerful programming tools that are easy to learn and use, with the ultimate in flexibility and configurability.

Mill-Turn Machine Simulation



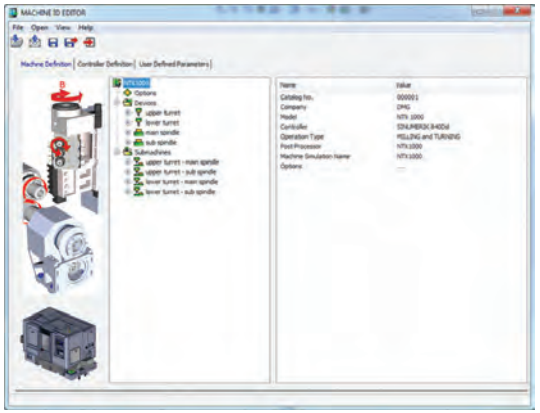
Mill-Turn machine simulation in SolidCAM offers a full kinematic simulation package, supporting simulation of all turning and milling operations and of all CNC machine components and devices.

An option enables taking the feeds into account and showing real time simulation.

The simulator offers full collision detection between machine components, workpiece, fixtures and tool holders, including many display options allowing the user full control over every aspect of the simulation.

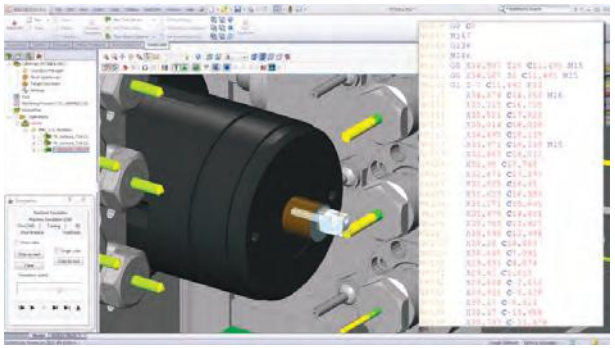
All the cycles and movements are supported along with the full graphics of the machine components and auxiliary devices such as tail stock and steady rest, providing safety as the part is fully tested before reaching the actual machine tool.

Machine ID



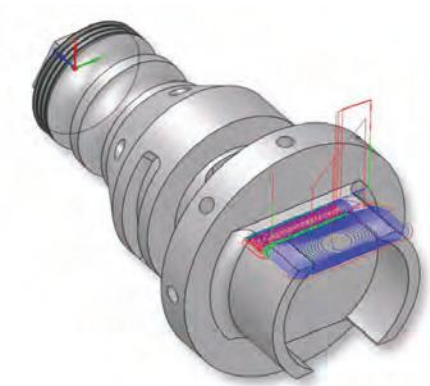
Defines the CNC machine components and their kinematics enabling users to setup and support the most complicated mill-turn machines easily and effectively. Machine axes are defined in machine ID by their direction, rotation speed or linear feed and physical limits.

C-Axis Machining



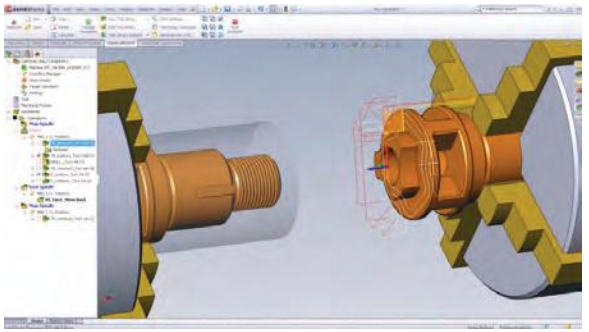
C-Axis machining is easily defined in SolidCAM. Convert any 2.5D operation to C-Axis motion. Advanced coordinate sets support: Split, Polar and Cartesian. Supports cutter compensation and short G-Code.

Mill-Turn iMachining



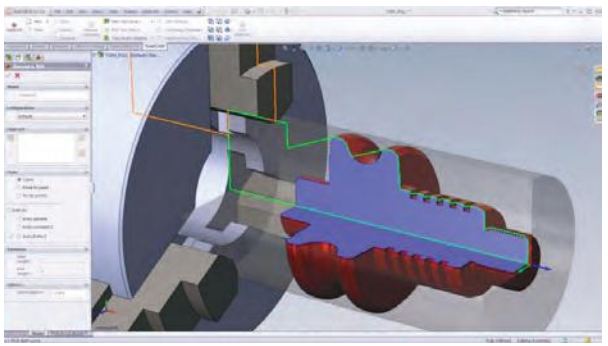
In a mill-turn part, using iMachining 2D & 3D saves you programming and cycle time. Additionally, iMachining has the very important advantage of exerting smaller cutting forces, eliminating vibrations and excessive tool wear, even in situations of non-rigid workpiece holding.

Transfer Between Spindles

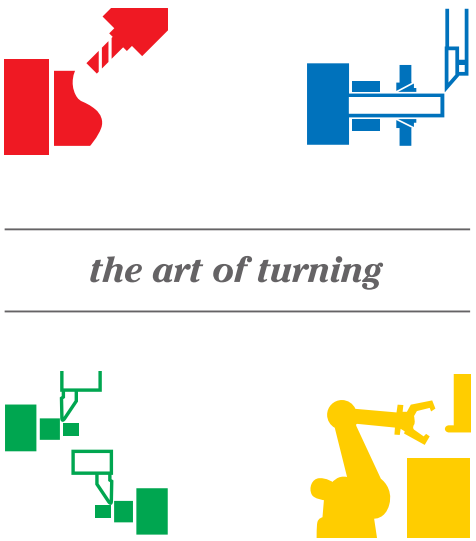


Fully and easily control the transfer of parts between the main and sub spindle, using Machine Control Operations. Ready made MCOs provide the best solution for this process

Auto-Inprocess Rest Material



In a Mill-Turn part, SolidCAM automatically updates and calculates the in process rest material after every operation, both in milling and turning.



the art of turning

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