



Manufacturer



Litz Hitech Corp.

No. 18 Yu-9 Road, Yu-Shih Industrial Park,
Tachia District, Taichung City, Taiwan 437
TEL: +886-4-26815711
FAX: +886-4-26815108
E-mail: sales@litzhitech.com
http: //www.litzhitech.com



Litz Machine Tool (JiaXing) Corp.

No. 1398 HeFeng Road, JiaXing Economic
Development Zone, JiaXing Province, China
TEL: +86-573-82222735
FAX: +86-573-82222739
http: //www.litzchina.cn

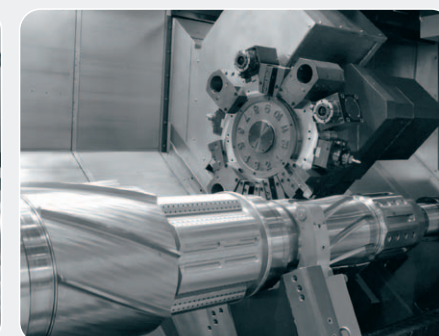
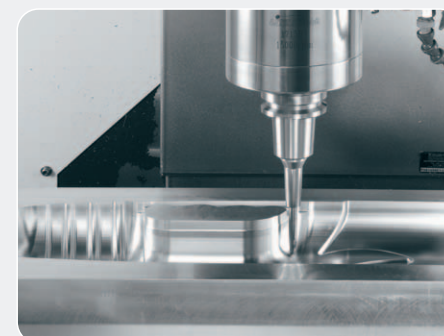
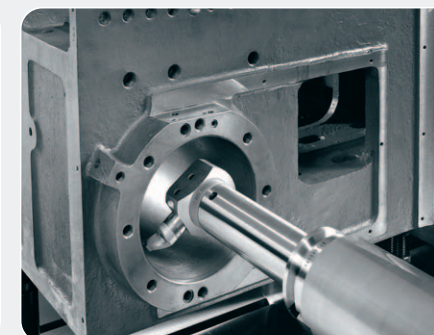
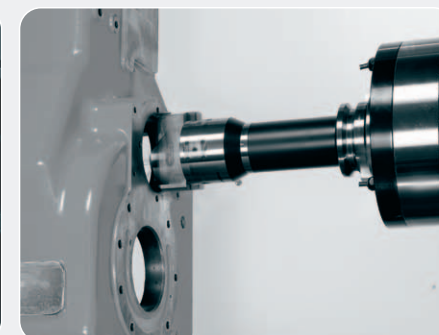
Additional Info on Website

Distributor



2014 Version A.

AC Design 04-2707159



**5 Axes
Vertical
Horizontal
Tapping
Boring
Turning**

Products Series

**Litz Hitech Corp.
Litz Machine Tool (JiaXing) Corp.**

Lead Innovation Technology Zeal

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Milestone

- 1987 Litz Heavy Industry Established
- 1988 Forklift in Production
- 1994 VMC in Production
- 1995 USA OEM Project in Production
- 1997 Name Changed to Litz Hitech Corp.
- 1998 ISO 9001 Certified
- 1999 CE Certified
- 2001 ISO 14001 Certified
- 2002 European OEM Project in Production
- 2005 Horizontal Series in Production
- 2006 Turning Series in Production
- 2007 Litz Machine Tool (China) Established
- 2008 Large 5 Axes in Production
- 2009 Tapping Series in Production
- 2010 5 Axes Series in Production
- Ultrasonic Center in Production
- Showrooms Established in Major Chinese Cities
- 2011 Strategic Alliance with Spinner
- Factory 2 in Operation at Taiwan
- Factory 2 in Operation at China
- M-Team Alliance
- 2012 European OEM Project in Production
- 2013 Factory 3 in Operation at Taiwan
- Boring Series in Production

Brief

Profile

Established in 1987, Litz Hitech Corp. has dedicated itself in R&D and manufacturing of the CNC machining centers. Litz's core products include CNC Vertical Machining Centers, 5 Axes High-Precision Machines, CNC Turning Centers, CNC Horizontal Milling Centers, High-Speed Tapping Centers, Boring Centers and Ultrasonic Applications. Today, Litz Hitech outputs more than 2,000 machines annually and is aggressively expanding year after year.

Factories & Subsidiaries

Litz Hitech Corp. is headquartered in Taichung City (Tachia District, Central Taiwan), and occupies 17,000 square meters. Additionally, in Taiwan, Litz Hitech deploys two other factories in greater Taichung area. Each of the 3 factories is dedicated to production of specific models/series. All three factories are situated well inside the center of the machine tool supply-chain strip. The geographic convenience enables abundant exposure to highest quality supports from key suppliers in a timely fashion.

Since 2004, Litz Machine Tool (JiaXing) Corp. in China was established, specifically to serve the Chinese market. The facility is conveniently located 1 hour away from Shanghai, with 25,000 square meters in factory space. This is a mirror facility to Taiwan Headquarter, meticulously managed, to ensure equivalent quality level as Taiwan Headquarter. Over the last decade, Litz's efforts in developing its Chinese distribution have put itself in favorable position in the Chinese market. Litz now has branch offices/distributions covering most parts of China market.

Partnerships

Litz's early success revolves entirely around OEM/ODM manufacturing partnerships. Although the facility was established 3 decades ago, Litz Hitech's quest for international markets begins just over a decade ago. Today, both the Litz-branded machines and OEM/ODM manufacturing weigh healthily in Litz's business spectrum. Internationally, Litz is represented over 20 highly industrialized countries, and is ambitiously expanding its partnerships.

Ambition & Vision

Since the emergence of the corporation plan to expand internationally 15 years ago, Litz grew from a small-sized business to a reputable machine tool maker. In the years to come, Litz will strive to become the world-class machine tool maker by continuing to achieve excellences in all aspect of the manufacturing.

Quality Excellences

Litz Hitech's vast experiences in OEM/ODM manufacturing for internationally recognized makers sets Litz apart from its competition. The longtime partnerships are the best testimony of Litz's superior quality standard. Litz realizes that excellent quality is the foundation for successful long term business, thus, Litz's goal is to never compromise quality in any circumstances.



Taiwan Plant



Taiwan Plant



M-Team



China Plant



China Plant



M-Team

Design & Development

ISO 9001 rules are strictly followed, when developing new products, to effectively control the quality and progress of projects.

Quality works are assured through extensive collaboration in specification determination, project planning, design works. Every procedure is meticulously planned and organized, with goals of developing products to exceed market demand. 3D CAD/CAM and simulation softwares are used to repetitively cross-inspect the works of the design.

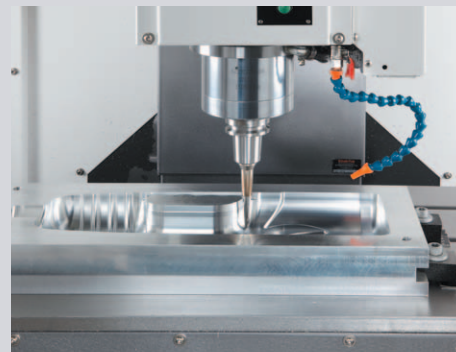
Application Center & Training Center

Total Solution

Litz application center is dedicated to all machining test for customers. From Turn-Key projects to machine/application training, Litz is capable in providing total solution with appropriate tools/fixtures/accessories to customers.

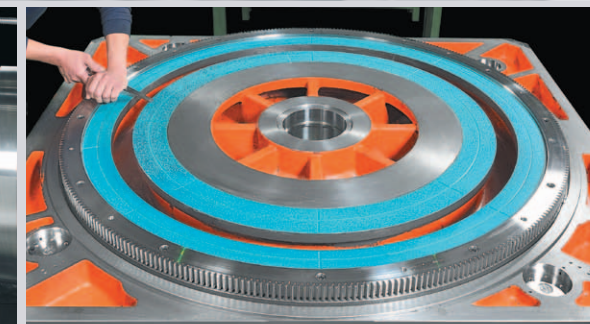
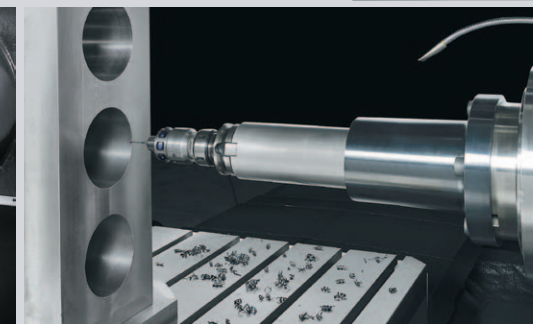
Seminars are held regularly in the application center, to discuss/share knowledges of the performances and characteristics of the Litz machines.

The market constantly is demanding higher quality products. In order to accomplish this, the demand for higher precision, higher performance machines is exceptionally high. Additionally, the market is always demanding faster cycle time in machining. Litz realizes these market trends and is continuously pushing to produce machines with the capabilities and qualities.



Guaranteed Quality

To ensure maximized product quality that matches customer's demand, Litz has a series of quality assuring system in place, which utilizes the most advanced inspection equipment and techniques to reach highest quality standards.



Litz strives to constantly pursue highest quality and precision. This is also the Litz culture. All Litz staff produce the best quality products with pride and culture in mind. ISO 9001 certification provides the best assurance in superior workmanships and services.

- ISO 9001 Certified
- ISO 14000 Certified
- CE Certified
- EMC Certified
- Supplier Receiving Inspection
- Guideway Straightness Inspection
- Straightness & Perpendicularness Inspection
- Cutting Edge Inspection Equip. & Techniques
- Laser Inspection
- Ball-Bar Inspection
- Spindle Dynamic Balance Calibration
- Spindle Clamping Force Inspection
- Spindle Balancing Calibration
- Spindle Thermal Compensation Calibration
- Standard Specimen Inspection
- Scraping Workmanships
- VDI 3441 Positioning & Repeatability Inspection



Every machine is tested with high-end inspection equipment, while in compliance with international dynamic cutting tests.

Every specimen done after test cut, was inspected on 3D measuring machines, for best possible quality.



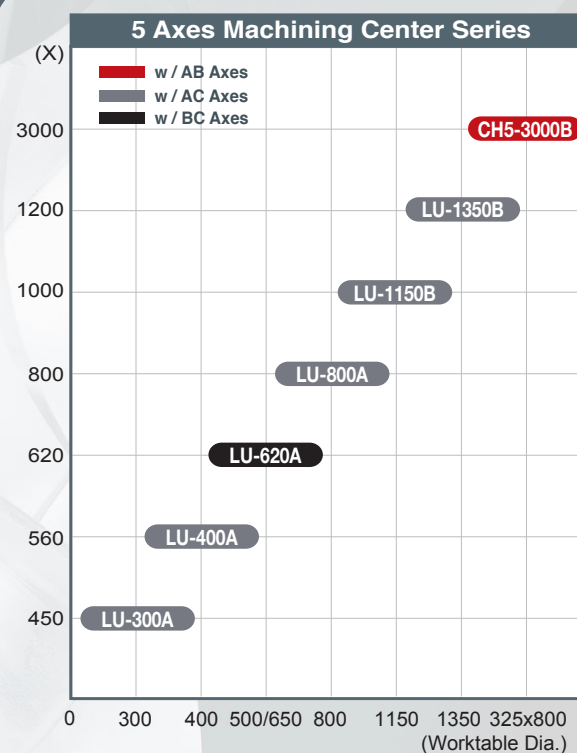
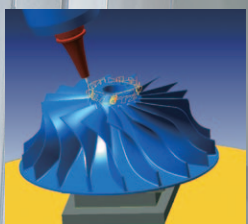
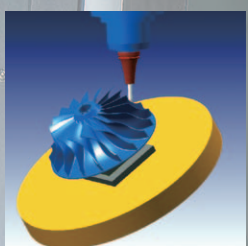
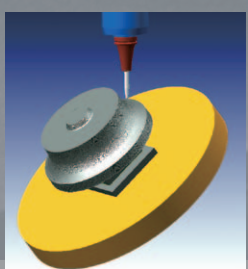
5 Axes Machining Centers

High Precision 5 Axes Machining

The LU Series equipped with high performance controller system opens the door to high efficiency production. Along with high contouring capabilities for best product cycle time can produce with superior surface quality.

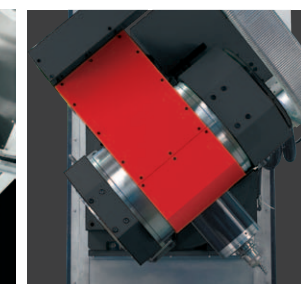
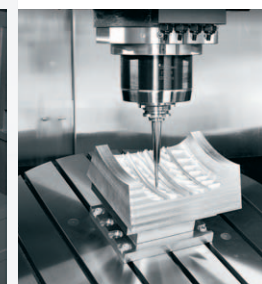
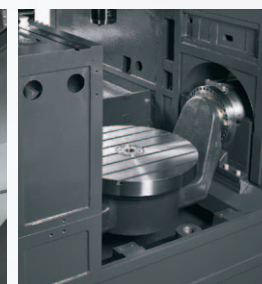
The highly dynamic capabilities of 5 axes machining, provides the possibilities to perform highly complex tasks.

LU-800 gantry type 5 axes machines, utilizes the highly rigid U-shape base with dual support from A/C axes of the rotary table. Standard features include 12000rpm direct-drive spindle, roller-type linear guideways, 3 axes linear scales, thermal compensation kits and other high quality components. The X, Y, Z, A, C's 5 axes simultaneous capabilities made mill/drill/tap and all other complex machining tasks simple.



5 Axes Series

LU-300A	450x600x330(X/Y/Z) BBT-40 15000RPM
LU-400A	560x650x400(X/Y/Z) BBT-40 15000RPM
LU-620A	620x520x460(X/Y/Z) BBT-40 12000RPM
LU-800A	800x900x620(X/Y/Z) BBT-40 12000RPM/15000RPM
LU-1150B	1000x1100x750(X/Y/Z) BBT-50 8000RPM/10000RPM
LU-1350B	1200x1300x900(X/Y/Z) BBT-50 8000RPM/10000RPM
CH5-3000A	3000x1000x750(X/Y/Z) BT-50 10000RPM/12000RPM



5 Axes Series



LU-800A



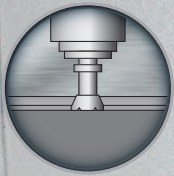
LU-620A



LU-400A



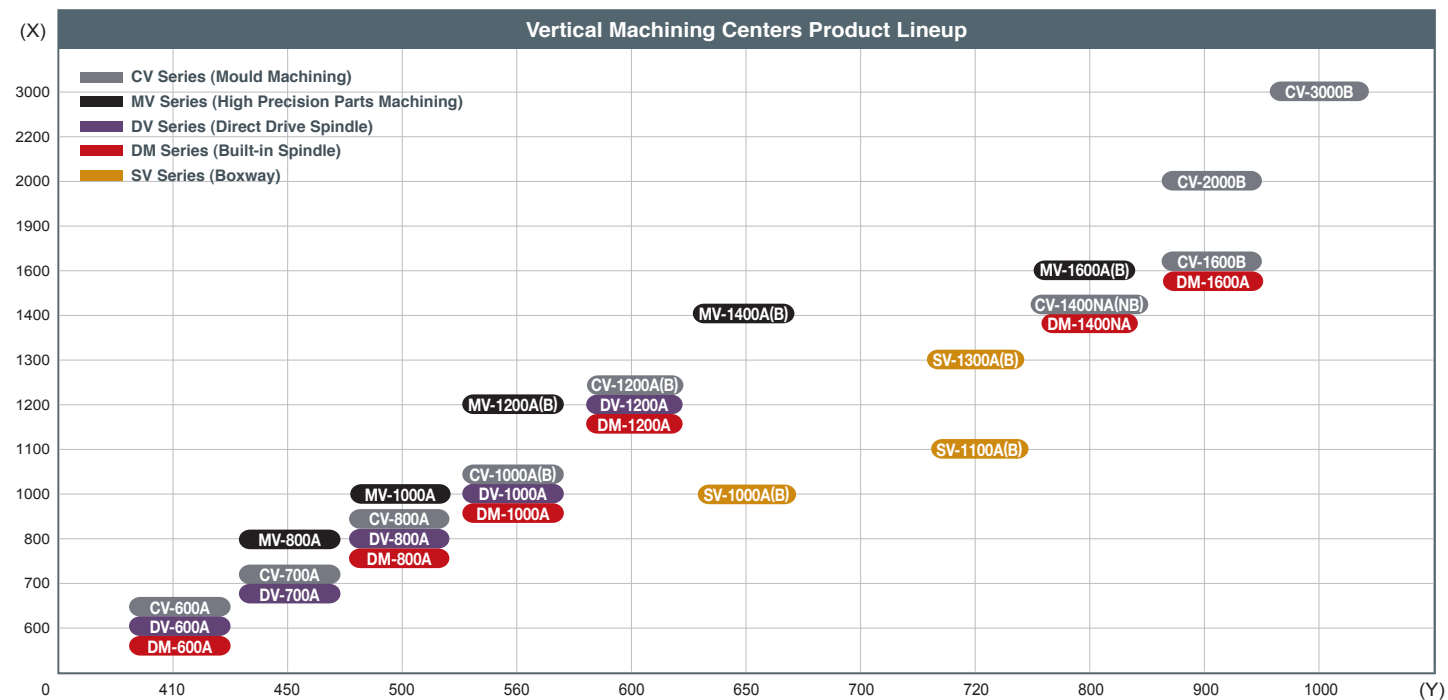
CH5-3000B



Vertical Machining Centers

High Rigidity
High Speed
High Precision
High Efficiency





CV Series



CV-600A / CV-700A / CV-800A
CV-1000A / CV-1000B



CV-1200A / CV-1200B

CV Series



CV-1400NA / CV-1400NB
CV-1600B
CV-2000B



CV-3000B

MV Series



MV-800A / MV-1200A
MV-1000A / MV-1200B



MV-1400A / MV-1400B



MV-1600A / MV-1600B

SV Series



SV-1000A / SV-1000B



SV-1100A / SV-1100B
SV-1300A / SV-1300B

DV Series



DV-600A / DV-700A / DV-800A
DV-1000A / DV-1200A

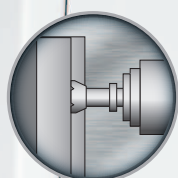


DM-600A

DM Series



DM-800A / DM-1000A
DM-1200A / DM-1400NA / DM-1600A

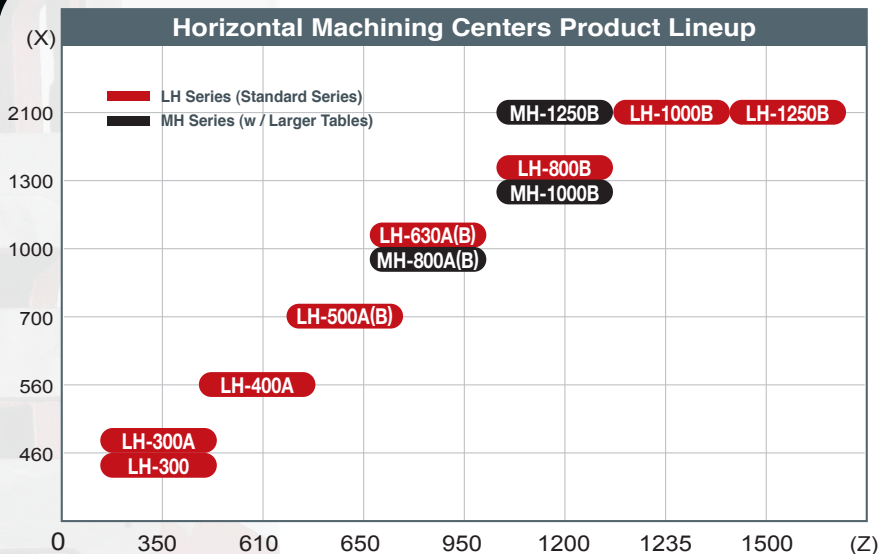
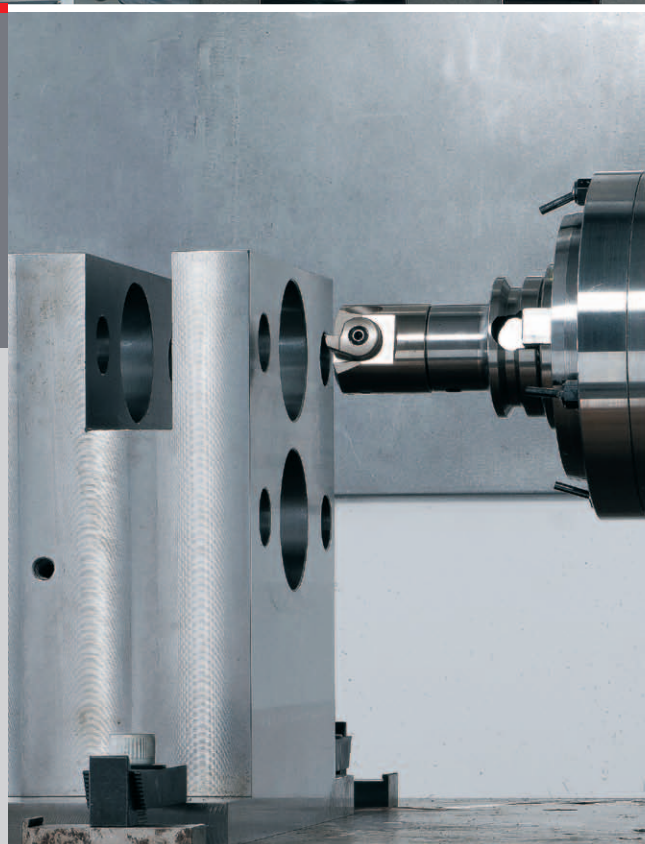
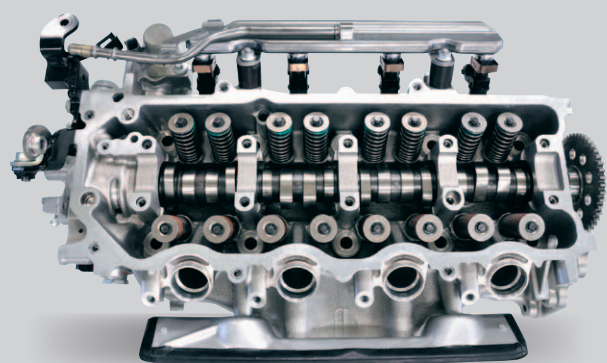


Horizontal Machining Centers

High Speed Mechanism

Significantly Reduced The Non-Machining Time

The commitment to reduce non-machining time is the key to enhance the cutting efficiencies. Total machining time is reduced, through main mechanism's high speed performance, including spindle's acceleration/deceleration, and tool changing time.



LH Series (Horizontal)

LH-300	460x460x350(X/Y/Z)	BBT-30	15000RPM
LH-300A	460x460x350(X/Y/Z)	BT-40	12000RPM
LH-400A	560x560x610(X/Y/Z)	BT-40	12000RPM
LH-500A	700x650x650(X/Y/Z)	BT-40	10000RPM
LH-500B	700x650x650(X/Y/Z)	BT-50	6000RPM
LH-630A	1000x850x950(X/Y/Z)	BT-40	10000RPM
LH-630B	1000x850x950(X/Y/Z)	BT-50	6000RPM
LH-800B	1300x1200x1200(X/Y/Z)	BT-50	6000RPM
LH-1000B	2100x1235x1235(X/Y/Z)	BT-50	6000RPM
LH-1250B	2100x1235x1500(X/Y/Z)	BT-50	6000RPM

MH Series (Horizontal)

MH-800A	1000x850x950(X/Y/Z)	BT-40	10000RPM
MH-800B	1000x850x950(X/Y/Z)	BT-50	6000RPM
MH-1000B	1300x1200x1200(X/Y/Z)	BT-50	6000RPM
MH-1250B	2100x1235x1200(X/Y/Z)	BT-50	6000RPM



LH-800B
MH-800A / MH-800B
MH-1000B

Small Horizontal Machining Centers



LH-300 / LH-300A / LH-400A

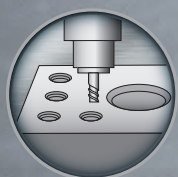
LH Series / MH Series



LH-500A / LH-500B
LH-630A / LH-630B



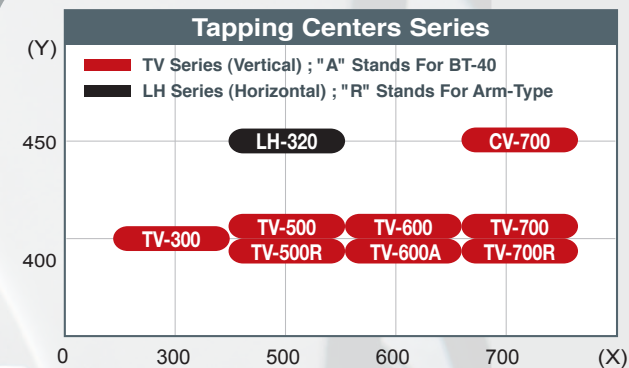
LH-1000B / LH-1250B
MH-1250B



Tapping Centers Optimized Machines

Continuously Optimized Model

Speed = Cost, TV series increases the value of the BT-30 tapping centers. Through continuous optimization of the compact structure, ballscrews, transmission systems and spindle mechanism, chip removal flow, ATC mechanism, and the new APC options, Litz is proudly presenting the next generation Tapping Centers.



LH Series (Horizontal Tap / Drill Centers)

LH-320 500x450x400(X/Y/Z) BBT-30 12000RPM

TV Series (Vertical Tap / Drill Centers)

TV-300	300x400x350(X/Y/Z)	BT-30	12000RPM
TV-500	500x400x350(X/Y/Z)	BT-30	12000RPM
TV-500R	500x400x470(X/Y/Z)	BT-30	12000RPM
TV-600	600x400x350(X/Y/Z)	BT-30	10000RPM
TV-600A	600x400x340(X/Y/Z)	BT-40	10000RPM
TV-700	700x400x350(X/Y/Z)	BT-30	12000RPM
TV-700R	700x400x470(X/Y/Z)	BT-30	12000RPM
CV-700	740x450x540	BT-40	10000RPM



TV Series



TV-300/TV-500/TV-700
TV-500R/TV-700R

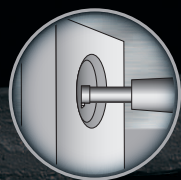


TV-600/TV-600A

LH Series



LH-320



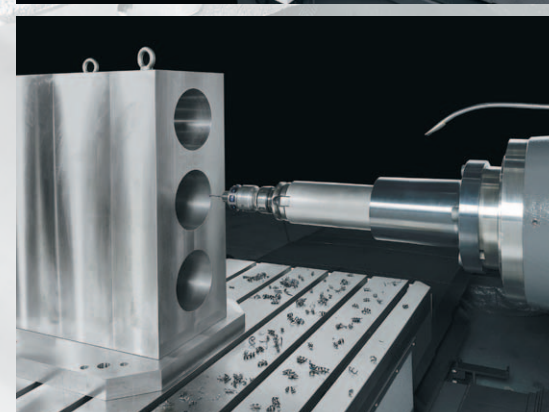
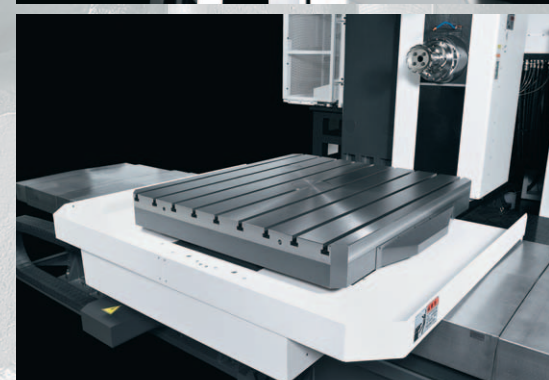
Horizontal Boring / Milling Centers

High Performance Horizontal Centers

The high performance spindle is complemented w/ transmission system, that can meet the demand for high-speed mold machining, and is also appropriate for low-speed/high torque machining. High rigidity boxway design on all 3 axes and B axis are implemented for heavy duty support. The standard high-precision 3 axes closed-circuit linear scales ensures high positioning precision. Moving-column structural design can guarantee the spindle leveling precision, when W axis is fully extended.

Superior Machining Capabilities

Combined with advanced technology, LB horizontal boring/milling centers can meet users' different demand. The closed-type spindle box structural design provides the foundation for heavy cutting. Full travel on X/Y/Z axes is supported by high rigidity boxway, equipped with high resolution linear scales, to result high positioning precision. Hence boring, milling, drilling, tapping jobs can easily be carried out.



Horizontal Boring/Milling Centers									
(Bore Hole)									
160								LB-160B	
130							LB-130B		
110			LB-110B						
	0	2500	3000	3500	4000	4500	5000	6000	(X)

LB Series (Horizontal Boring / Milling Centers)

LB-110	3000x2100x1500(X/Y/Z)	Ø110
LB-130	4000x2500x1800(X/Y/Z)	Ø130
LB-160	5000x3000x800(X/Y/Z)	Ø160

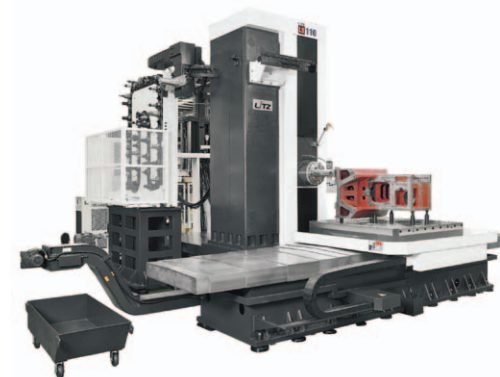
LB Series



Reversed T-Type Structure, Moving Column (Z Axis) Design

Worktable is supported on full stroke, to ensure motion straightness on worktable's X axis. The spindle is equipped with ZF gearbox, for high torque output, and can be appropriate for heavy cutting. The segregated ATC and column, is to ensure the column can stand stable, and be not affected by the weight of ATC.

Centered Spindle Mechanism (LB-130B/LB-160B)



Highly Dynamic & Cutting Capabilities

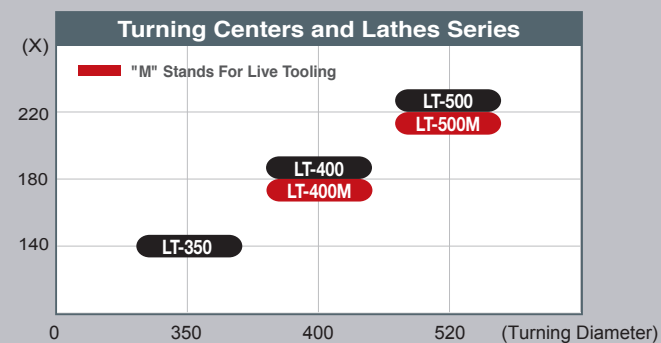
The heavy-duty bearing, and dual support w/ turkite design empowers the worktable to withstand super high workloading. For different boring/milling tasks, developed the corresponding spindle, for improved machining. The worktable's braking system, provides angular heavy-duty cutting capabilities.



Turning Centers and Lathes

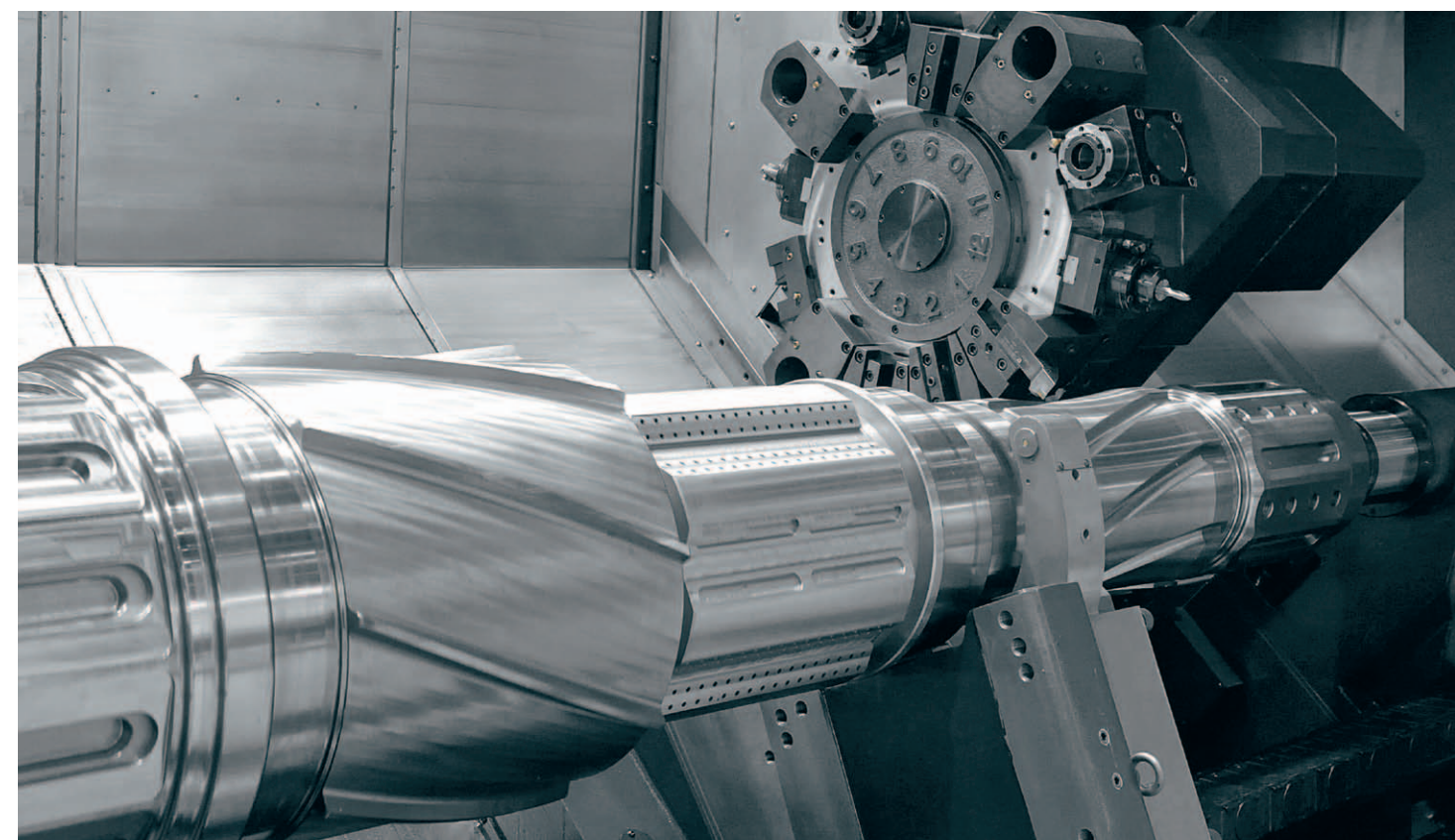
Turning Centers and Lathes

LITZ HITECH



LT Series (Turning Centers)

LT-350	140x350(X/Z)	6000RPM
LT-400	180x530(X/Z)	4000RPM
LT-520	220x710(X/Z)	3500RPM
LT-400M	190x530(X/Z)	4000RPM +Live Turret
LT-520M	220x710(X/Z)	3500RPM +Live Turret



High Performance CNC Turning Centers

- High rigidity, high precision linear guideways, for prolonged lifespan.
- Quick traverse, for improved turning efficiencies.
- Ultra rigid, and w/ heavy-duty live turret.



LT-350 / LT-400 / LT-520
LT-400M / LT-520M



Total Production Solution

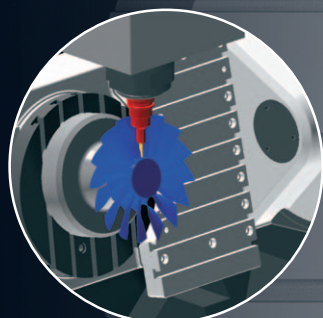
Highly efficient manufacturing fashion, equipped with high performance control system. The high speed contouring capability can achieve best possible surface quality under most demanding machining cycle time. Highly dynamic five axes machining provides solution for complex tasks.

Total Production Solution

LITZ HITECH



Litz Hitech & Open Mind,
the CAM compnay
The strategic alliances



The monitoring &
collision test within
work range



Heidenhain & Siemens Control System

iTNC530 / 840D

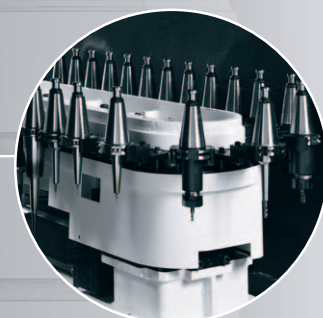
Ideal for high-end application CNC system.

Modular, open, flexible operating interfaces are the highlight of the controller.

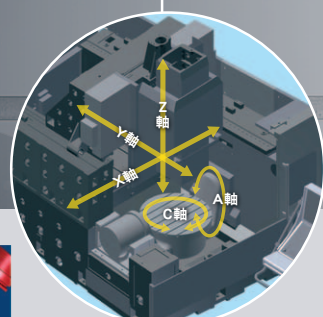
Programming and visual structure can be integrated with network systems.



Total
Solution

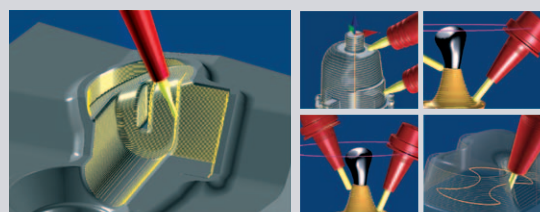


MST Tools (Japan)



Litz Hitech LU Series

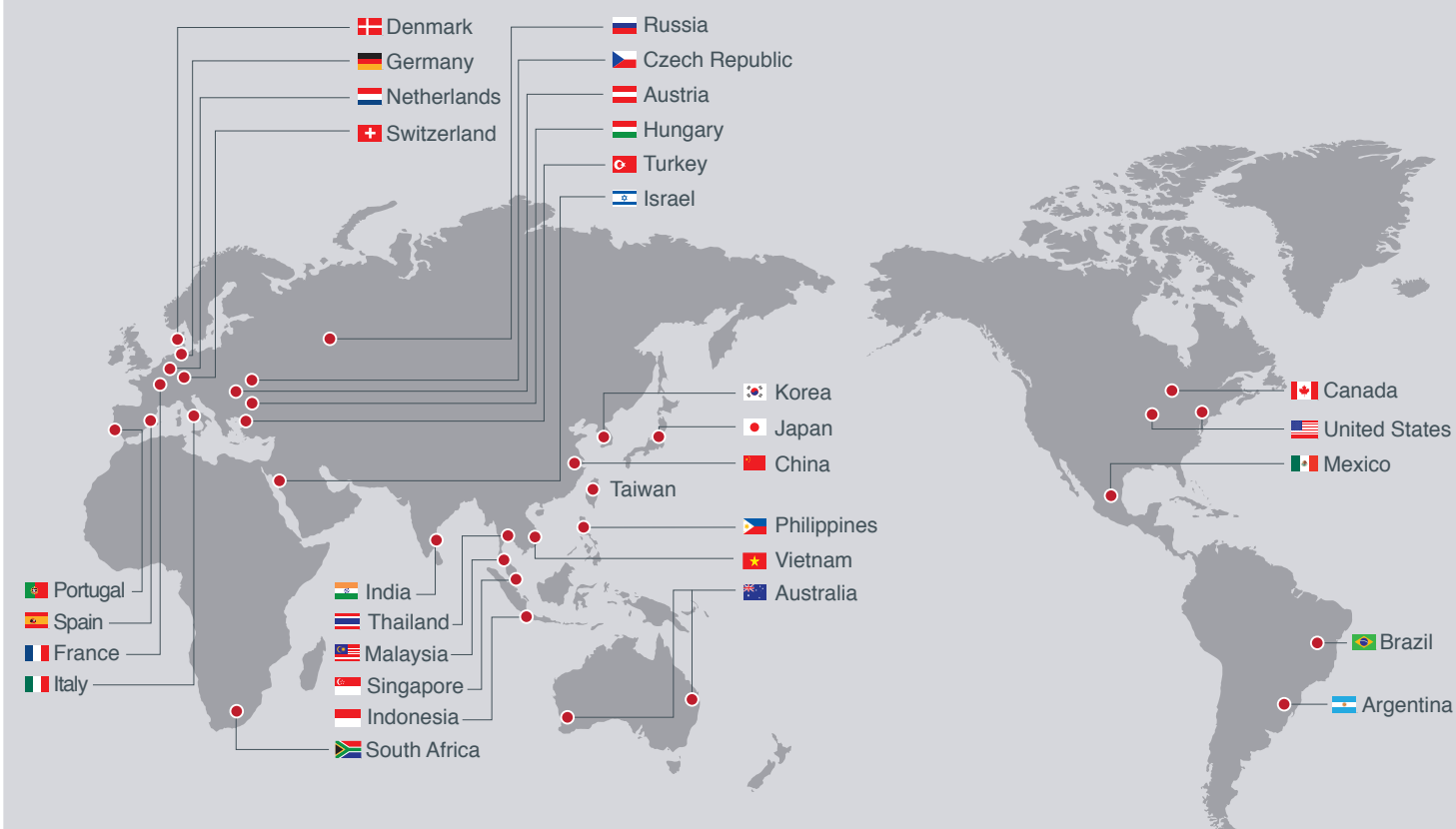
5 Axes Series employs U shape base with dual-support A/C axes rotary worktable's high rigidity mechanism. The machine is equipped with 12000RPM direct-drive high speed spindle. High durable roller type linear guideways, 3 axes high precision linear scales along with other high quality components brings out the excellences of the 5 axes simultaneous control. Mill, drill, tap, spiral, irregular and other complex machining can be easily achieved.



Technical Support Global Presence



SALES & DISTRIBUTION NETWORK



www.litzhitech.com