



ULTRA TECH Machinery, Inc.

ISO 9001: 2000 with Design

Equipment Rebuilding & Upgrades

Machine Tool Services



Designed & Built



In The USA

Machines rebuilt to new specifications with a comprehensive warranty!

Ultra Tech Machinery, Inc.

The Leader in High Production Equipment Rebuilds

With over 20 years experience, Ultra Tech Machinery can restore your machine tools to better than new condition and get your production operations running at their highest efficiency while lowering your overall maintenance costs.

Why choose Ultra Tech?

- Ultra Tech brings additional value as a custom machine builder, including an established and reliable vendor base.
- Ultra Tech has a qualified engineering department capable of:
 - Correcting original design shortcomings
 - Offering alternatives to obsolete components
 - Reverse engineering of OEM components to reduce delivery and lower costs
 - Localizing component sourcing

Program Descriptions

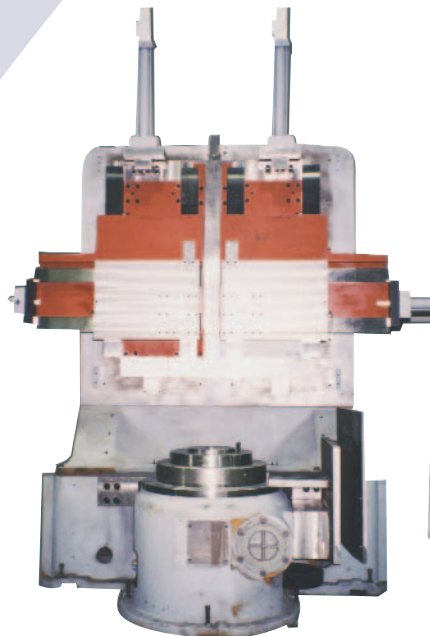
Rebuilding

The purpose of a rebuild is to bring the CNC machine back to "as new" condition. This process involves an initial inspection of all components. Ultra Tech reviews the defective components with the customer. The replacement of these components serves to restore the machine to its original operating specifications. In addition, Ultra Tech offers field service and preventive maintenance programs to maintain your rebuilt machine's ability to produce high quality products.

Control Retrofitting

Ultra Tech can also replacing existing NC or CNC controls using the latest technology available. This can include drives and motors.

As an ISO-9001 certified company, Ultra Tech ensures the highest quality in rebuild machinery programs by using the same standards and procedures as Ultra Tech's new specialty machinery.



Old Machine Base with Spindle and Slides



Partially Finished Base

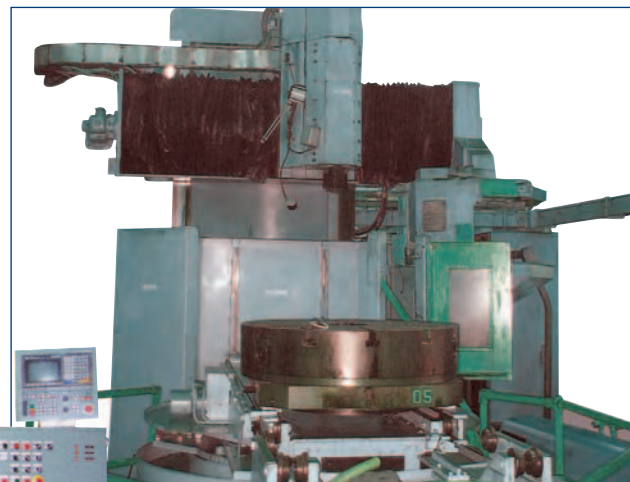
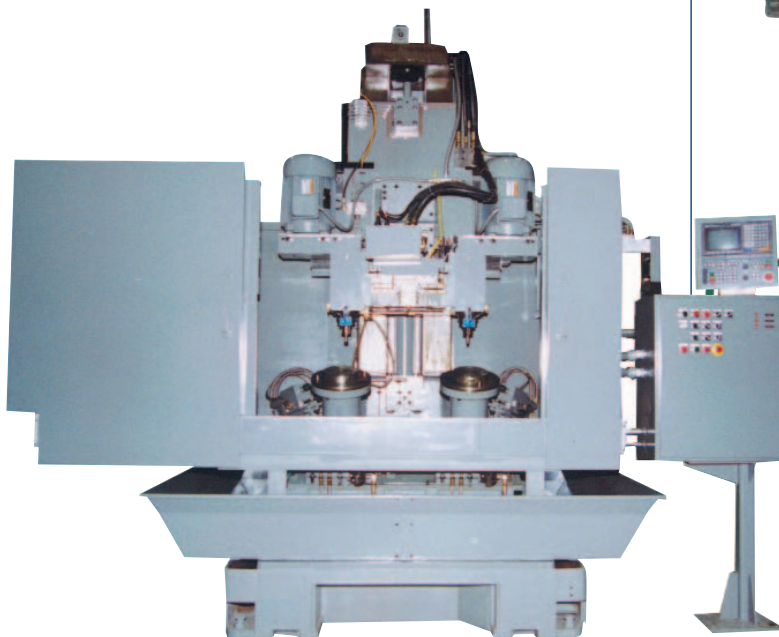


Finished Rebuild

Machine Tools We Rebuild

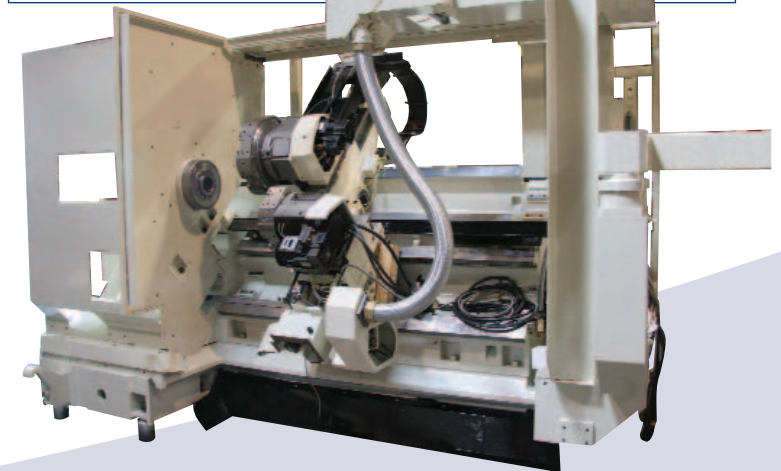
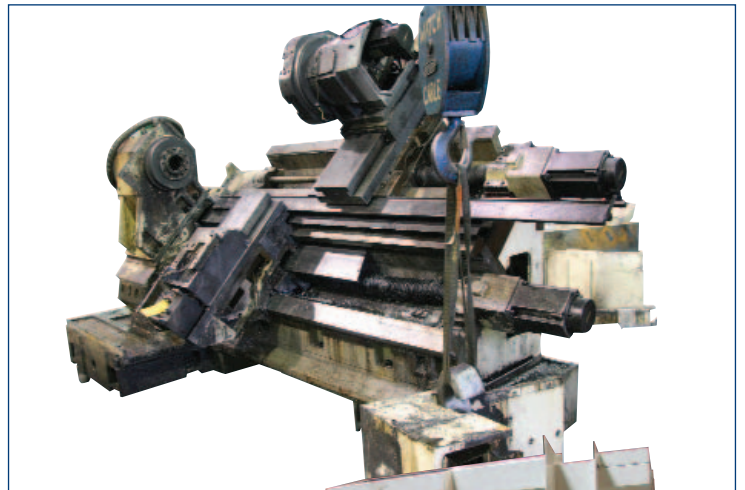
Ultra Tech Machinery has experience rebuilding / upgrading many types of machinery, including:

- Vertical CNC Turning Lathes
- Horizontal CNC Turning Lathes
- Vertical Machining Centers
- Horizontal & Vertical Milling & Drilling Equipment
- Hydraulic Presses
- Spinning / Flow-Forming Machinery
- Printing Presses
- Various Specialty Machinery
- Horizontal Boring Mills
- Vertical Boring Mills
- CNC Grinders
- Rotary Transfer Machines
- Polishing Machines



Rebuilding Scope (Typical)

- Power up machine (if possible)
- Test mechanical and electrical systems
- Complete geometric and accuracy tests
- Complete machine disassembly
- Inspect, repair, or replace the following:
 - Machine base
 - Way surfaces
 - Slide saddle and carriages
 - Gibs and keepers
 - Way wipers
 - Spindles
 - Turrets and tool changers
 - All electrical components, including:
 - Servo motors and drives
 - Spindle motors and drives
 - Switches and sensors
 - Conduits and cables
 - Hydraulic and pneumatic valves
 - Hydraulic power unit
 - Drive belts, pulleys and couplings
 - All bearings and seals
 - Ballscrews and support bearings
 - Gauges and hoses
 - Door rollers, slides, and components
 - Lubrication components
- All components will be genuine OEM or equivalent
- Machine reassembly
- Power up and check geometric accuracy
- Dry-run and run-off



Authorized System
Integrator

Designed & Built



In The USA

Save Money with Rebuilds

Since there is no need for:

- New tooling
- New foundation
- New training

Use existing spare parts inventory

Rebuilding Advantages

- Price is 40-60% less than buying equivalent new machine
- Maximize machine capability with limited investment
- Flexibility in CNC control selection
- OEM parts available
- Warranty covers parts, workmanship, accuracies & alignments
- Technical documentation supplied



Smithers Quality Assessments, Inc.

CERTIFICATE OF APPROVAL

This is to Certify that the Quality Management System of:

ULTRA TECH MACHINERY, INC.
318 Remington Road and 338 Remington Road
Cuyahoga Falls, Ohio 44224-4916

has been assessed and approved by Smithers Quality Assessments, Inc.,
to the following quality management system standards and requirements:

ISO 9001:2000 With Design

The Quality Management System is Applicable to:

The design and manufacture of integrated machine tool solutions
for production and original equipment manufactures.

Approval
Certificate Number: 01.082.1

Original Approval: March 23, 2001

Current Certificate: March 23, 2007

Certificate Expires: March 22, 2010



The use of the assessment mark requires permission
in respect of those activities covered by The Assessment
Commission Number 01.082.1.

The approval is subject to the company maintaining its system to the required standards which will be monitored by
Smithers Quality Assessments, Inc., 925 W. Market St., Akron, Ohio 44302-2099.


on behalf of SQA - J. Michael Hochschwender, President



Corporate Offices



Manufacturing Facilities



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