



Dirac Machine Tool LLC

Technology For The Modern World

Product Lines

+GF+

parpas
AMERICA

 Hanwha

acieta

HARDINGE

MIKRON 5AXIS
Agie Charmilles
EDM
Laser Texturing
Consumables
System 3R

Blade Mill
Boring Machine
Gantry
Moving Column
Portal
T-Type Horizontal
Trunnion

CNC Swiss Lathes
Ø10mm to Ø42mm
High-rigidity machine-
structure
Customization

FANUC Robot
Collaborative
Custom
Automation
Co-bot
Material
Handling

Hardinge/Bridgeport
Kellenberger/OTW
Hauser/Jones Shipman
Weisser/WPT

SPINNER

 HEXAGON

DynaPath 

KENT

ENSHU

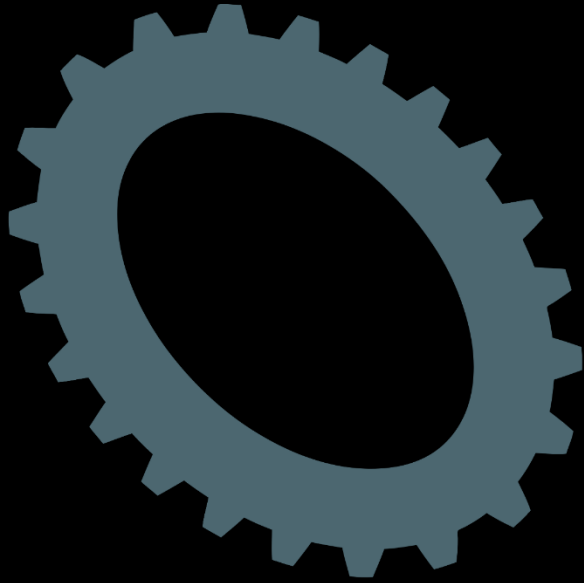
Ultraprecision
Universal
Multi-Turret Turning
3&4 axis VMCs
5-axis VMCs
Integrated
Automation

CMM
3D laser Scanner
2D laser Scanner
Measuring Arms
Optical CMM

Tool Room Mills
Conversational
Teach Lathes
Enclosed Machines
Easy to operate

Surface Grinders
Bridge Grinders
Automatic
Manual

Machining Centers
3-5 axis capability
30% productivity boost
30% energy savings
Accuracies 0.00008"



Direc Machine Tool

Direcmachinetool.com

Machine Tool Service

- CNC service (any brand)
 - PM programs
 - Plant Moves
- Industrial Maintenance
- No trip charge (within 2hr of Waukesha office)
 - \$150hr rate

Contact: Joe Trost
service@direcmachinetool.com
Cell: 920-905-3737



Direc MT
Direcmachinetool.com

INTRODUCING: SERVICE CONTRACTS

Direc Machine Tool is revolutionizing how manufacturing shops can stay on top of maintenance and effectively solve problems to reduce downtime.

A service contract gives you the personalized and priority feel of having a maintenance tech without the costs of a salary and benefits.

With a service contract from Direc MT you get:

- Priority service calls
- PMs and accessible parts
- Weekend availability
- Rewards program



Servicing is Important

REDUCE DOWNTIME
REDUCE LOST REVENUE

Monthly and annual contracts
available!

For annual contracts:
\$1200/mo for 10hrs
\$2000/mo for 20hrs

Cost and hours can vary
Call to customize a plan to fit your
needs!

Get in Contact:

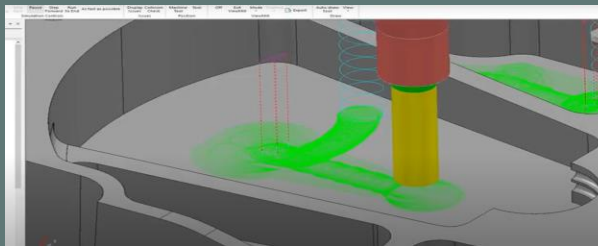
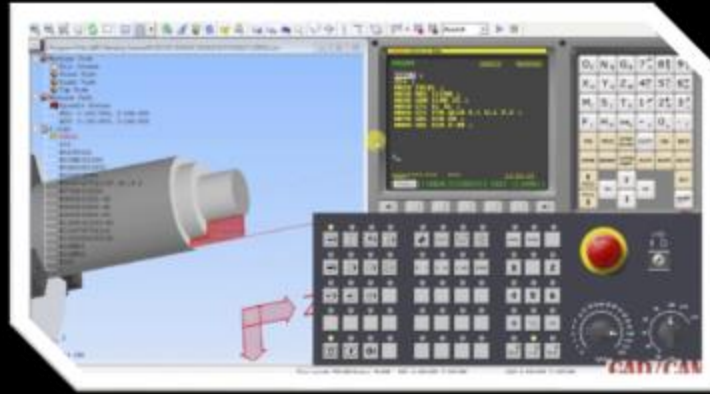
Joe Trost- Service Manager
(920) 905-3737
service@direcmachinetool.com

Rob Cook- CEO
(262) 606-8240
robcc@direcmachinetool.com



Info@direcmachinetool.com

Additional Service Partners Offered:



Robot Integration
CNC repair and PM service
Knowledge of all types of machine tools.
Headquarters in Franklin WI

Contract Programming 5axis,3axis
Machine Tool Consulting
Turn-Key Solutions
Contract Designing
CNC training- PRINT TO PART

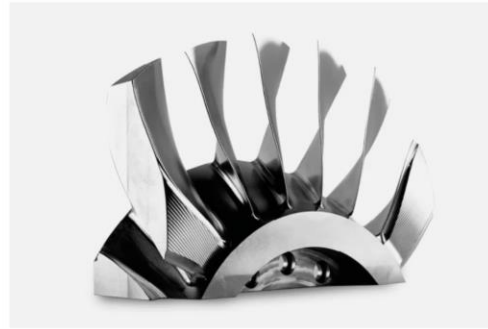
Financing "One" Page App
Lease Options With Buy Out
Payment Skips
Bumper To Bumper Warranty
For length Of Lease



Direc Machine Tool Solutions

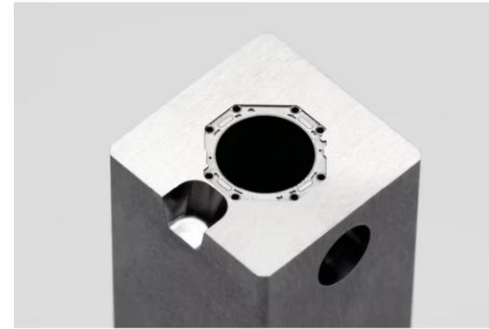
GF MACHINING SOLUTIONS

AGIE CHARMILLES WIRE / SINKER EDM
MIKRON 3 AND 5 AXIS MACHINES
LASER TEXTURING
MICRO LASER
SYSTEM 3R TOOLING AND AUTOMATION
EDM CONSUMABLES
EDM HOLE DRILLING



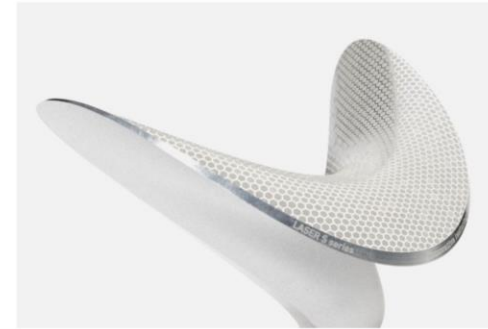
Milling

3 axis - 5 axis



EDM

Die sinking - Wire cutting - Hole drilling



Laser technologies

Laser texturing - Micromachining



5-axis vertical milling



Complete solutions for industries



Machining Solutions



Laser texturing



Direc Machine Tool
Direcmachinetool.com

EDM CONSUMABLES

- PREMIUM EDM WIRE, FILTERS, DI TANKS, AND RESIN SOCKS.

*In stock and available
for local delivery !*



**CALL
FOR A
QUOTE
TODAY!!**

CONSUMABLES@DIRECMACHINETOOL.COM

(414)-509-5107



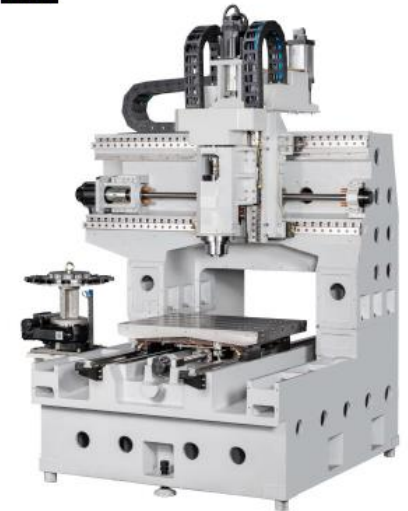
DynaPath

- **2x USB ports**
- **1x LAN** for networking and file transfer
- **Standard G/M-Code** support
- **Touchscreen LCD** for intuitive operation
- **8GB SSD** file storage
- **DRO + Semi-Auto Mode** for basic operation
- **Conversational Programming + DXF Import** for shop floor programming
- **Standard G/M-Code** for running direct CAD/CAM posts
- **Advanced motion control** for high speed, high precision machining



Flat Bed Lathes

Frame



MILL CENTERS

HIGH SPEED MILLS

GRAPHITE MILLS



CNC Control Systems



Knee Mills



- **Hardinge** is the leading global provider of advanced, high precision metal-cutting machine tool solutions and aftermarket tooling and accessories. With over 125 years of experience, the company has been on the forefront of innovation with a full spectrum of CNC turning, milling and grinding machines.

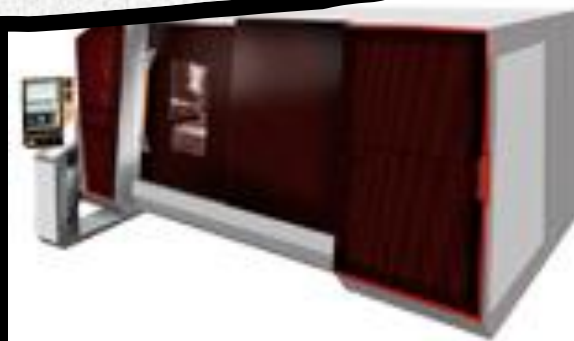
**MADE IN THE
USA**



MILLING



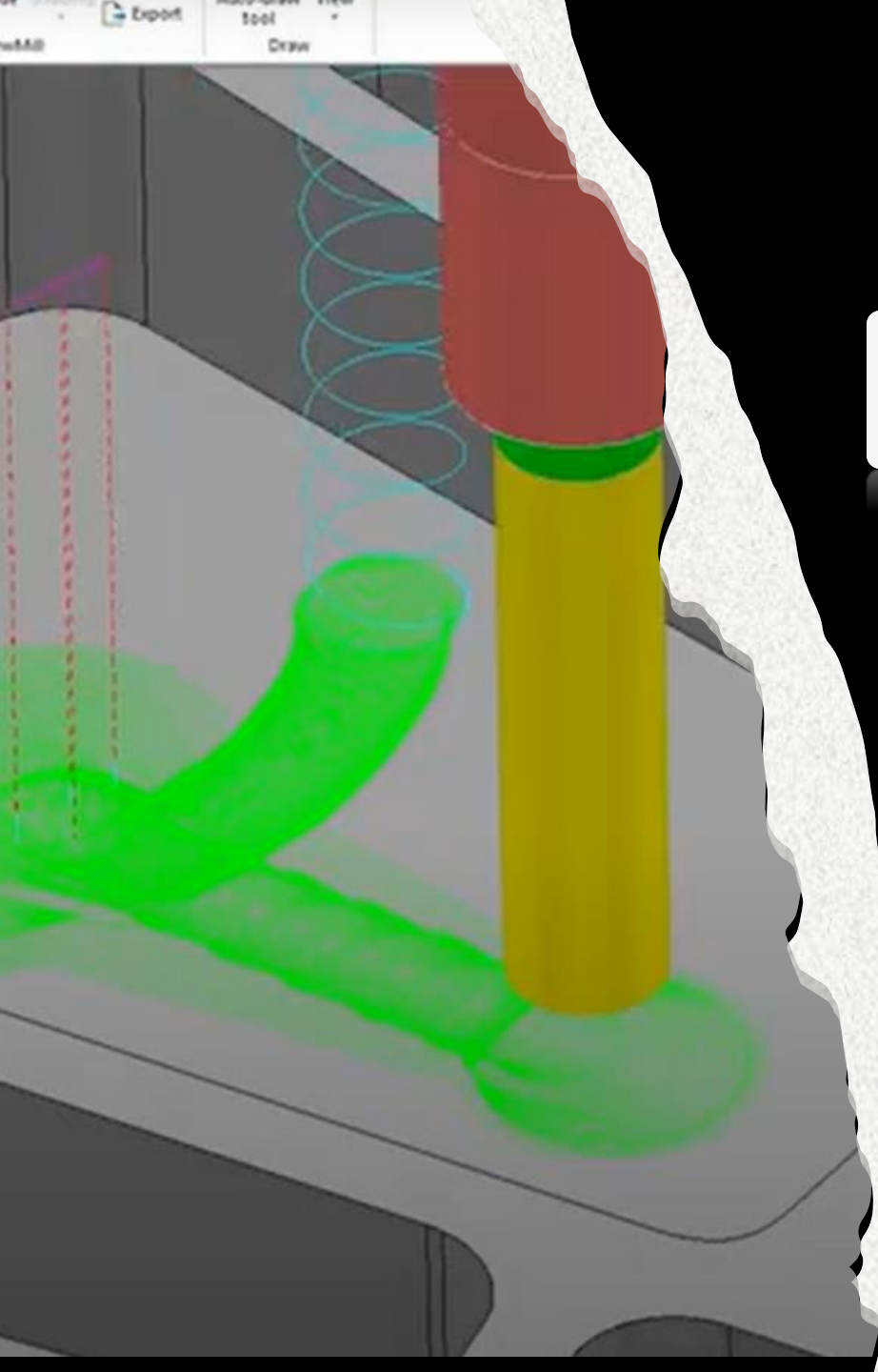
GRINDING



MULTIFUNCTIONAL

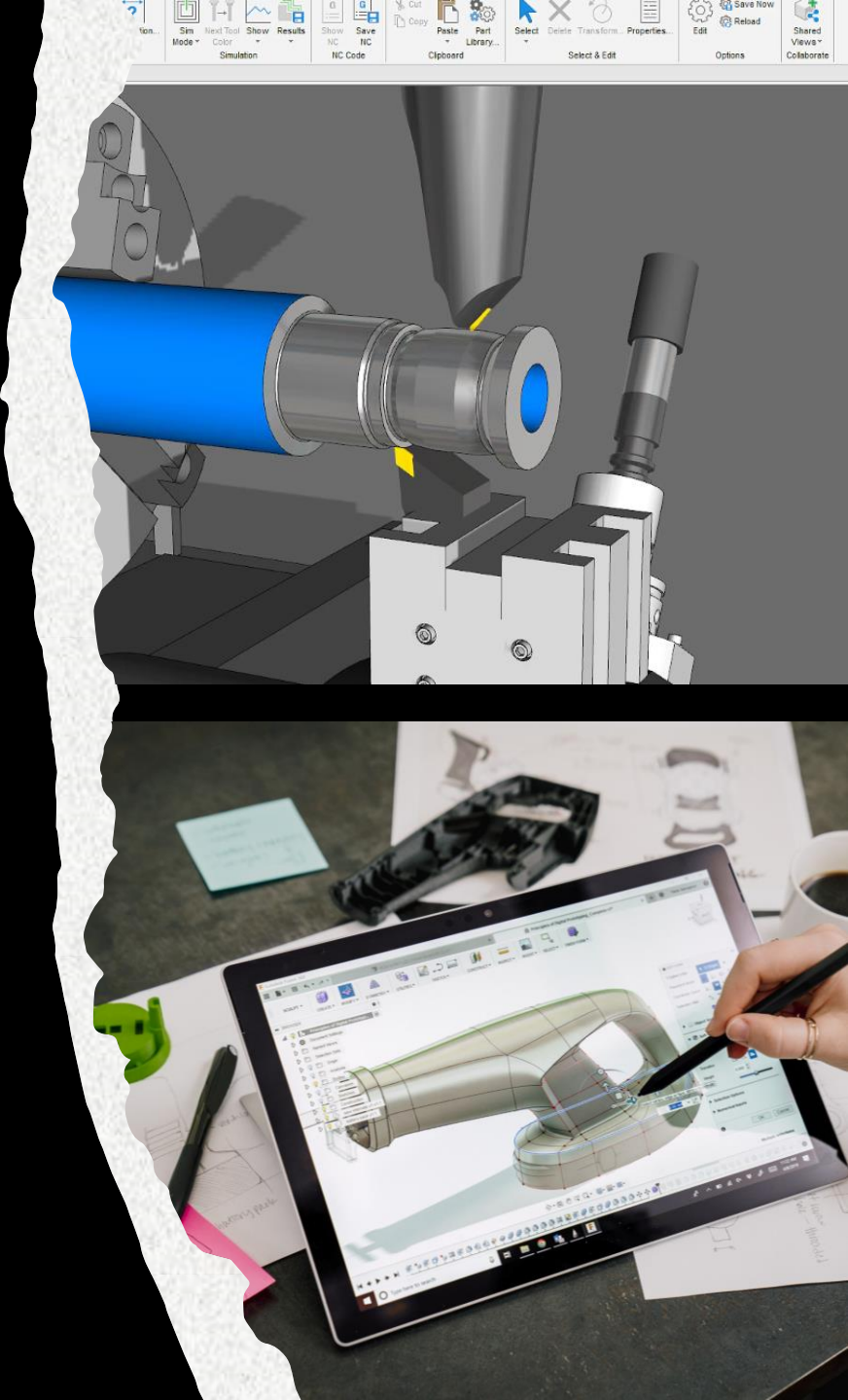


TURNING



NexGenCAM

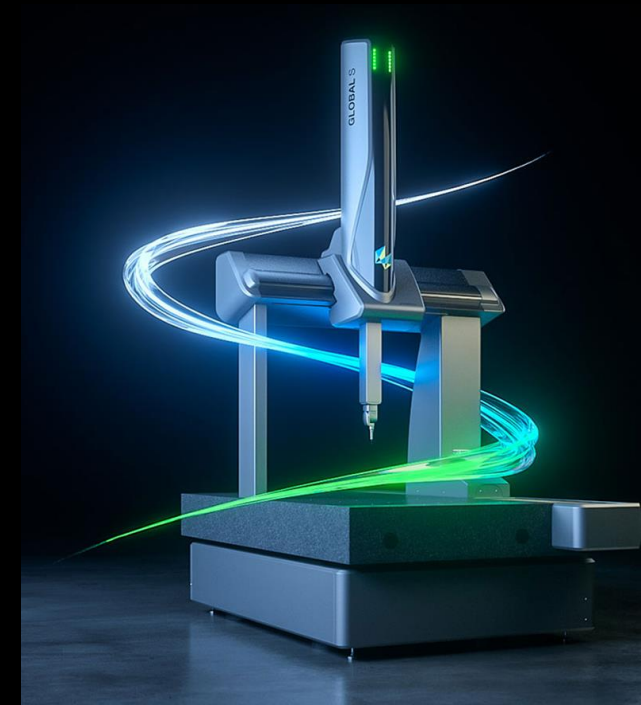
- CAM SOFTWARE/SIMULATION
- POWERMILL
- FEATURECAM
- PARTMAKER
- FUSION 360
- CAMplete
- NETFABB
- POWERSHAPE
- POWERINSPECT

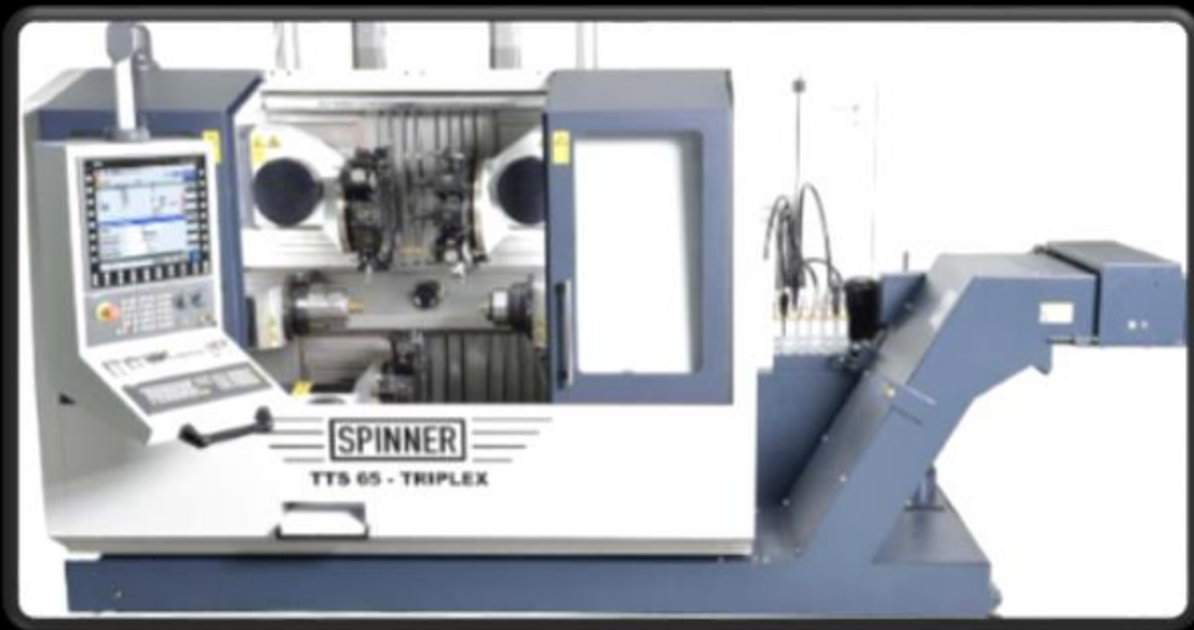




HEXAGON

- 2D scanners
- 3D laser scanners
- Coordinate Measuring Machines
- Industrial theodolites
- Laser trackers
- Machine calibration and optimisation
- Machine tool measurement
- Micrometers, calipers and gauges
- Photogrammetry
- Portable measuring arms
- Robotics and automation
- Structured light scanners





SPINNER

Produces more than 1,000 high-precision CNC-Lathes, VMCs and Automation Solutions annually

GERMAN TECHNOLOGY

24H Machining Possible

- **TS TTS** 3-Turret turning capability
- **TC** Powerful universal turning
- **VC-3A** Performance machining
- **VC-1650** 5 Axis Precision Machining
- **Automation** Bar feeders, pallet changing, and workpiece handling



*Vertical and Horizontal
machining centers

*30% productivity boost

*Full travel

*30% energy reduction

3-5 axis

Factory Direct Pricing

Growing global presence





*Taiwan Private Label
For Matsura, Hardinge and
many other Builders

*Large Capacity Vertical
Pallet changer.
Horizontals
5 axis
Factory Direct Pricing





Since 1983, the Acieta team has installed more than 5,000 robotic systems throughout North America, leading the charge in the robot integration industry.





ROLLER XL, PORTAL MILL
DINAMIKA, DYNAMIC MILL
XS, HEAVY-DUTY MACHINING GANTRY
DIAMOND 30, MACHINING GANTRY
UNIKA, HIGH-SPEED BLADE MILL
INVAR, PRECISION BORING

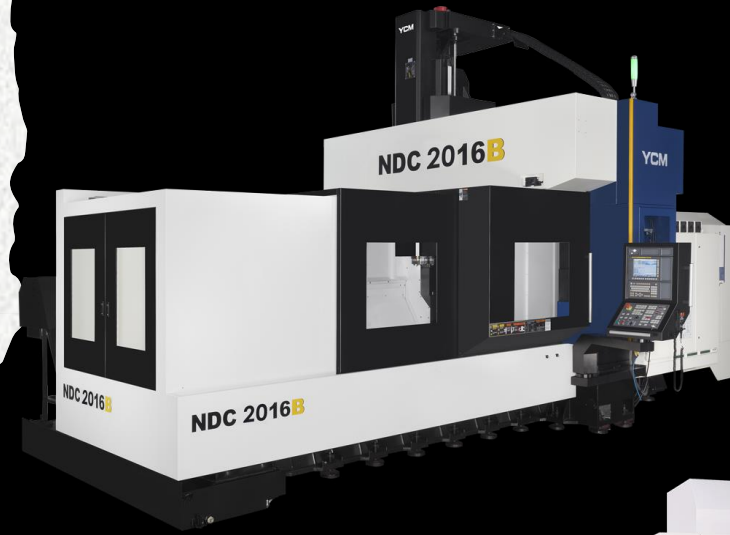




Make it Better, Together.

- 3-Axis Vertical Machining
- 3-Axis High-Spec Vertical Machining
- 3-Axis Double Column Vertical Machining
- 5-Axis High-Spec Vertical Machining
- 5-Axis Double Column Vertical Machining
- 4, 5 and 7-Axis Horizontal Machining
- CNC Turning Centers
- 5-Axis Ultra High-Speed Machining
- 5-Axis Gantry Type Portal Machining
- Deep Hole Drilling & Milling
- EDM
- Die/Mold Spotting Presses

Since 1954 YCM has built a reputation of superior precision, outstanding rigidity and exceptional reliability. With over 70 makes and models they fulfill almost every machining application there is!





EDM HOLE DRILLER EXTRA LARGE CAPACITY

Specifications	Titan Force 30	Titan Force 60	Titan Force 1200	Titan Force 4042	Titan Force 6053
"X" Axis Travel	16.0" (400 mm)	24.0" (610 mm)	53.0" (1350 mm)	40.0" (1016 mm)	60.0" (1524 mm)
"Y" Axis Travel	12.0" (250 mm)	16.0" (400 mm)	16.0" (400 mm)	42.0" (1066 mm)	53.0" (1346 mm)
"Z" Axis Travel	16.0" (400 mm)	16.0" (400 mm)	16.0" (400 mm)	30.0" (760 mm)	30.0" (760 mm)
"W" Axis Travel	16.0" (400 mm)	16.0" (400 mm)	16.0" (400 mm)	30.0" (760 mm)	30.0" (760 mm)
Height of Workpiece	17.75" (450mm)	17.75" (450mm)	17.75" (450mm)	40.0" (1016 mm)	40.0" (1016 mm)
Max Length of Electrode	16.0" (400mm)	16.0" (400mm)	16.0" (400mm)	24.0" (600 mm)	24.0" (600 mm)
Machine Weight	4900 lbs (2400kg)	5100 lbs (2400kg)	7500 lbs (3400kg)	6740 lbs (3060 kg)	6740 lbs (3060 kg)
Weight Capacity	1100lbs (500kg)	1100lbs (500kg)	1900lbs (860)	3000 lbs (1363kg)	3000 lbs (1363kg)
Machine Footprint	65 in x 69 in x 78.7 in	65 in x 69 in x 78.7 in	65 in x 103 in x 78.7 in	114 in x 83 in x 98 in	114 in x 83 in x 98 in
Tooling System	Stainless Steel Rails	Stainless Steel Rails	Precision granite with M8 inserts	Precision granite with M8 inserts	Precision granite with M8 inserts
Peak Amperage	70 Amps	70 Amps	70 Amps	70 Amps	70 Amps
Electrode Capacity	.004 - .256"	.004 - .256"	.004 - .256"	.004 - .256"	.004 - .256"
Country of Origin	USA	USA	USA	USA	USA
AEC	20	20	20	20	20
AGC	4-8	4-8	4-8	4-12	4-12



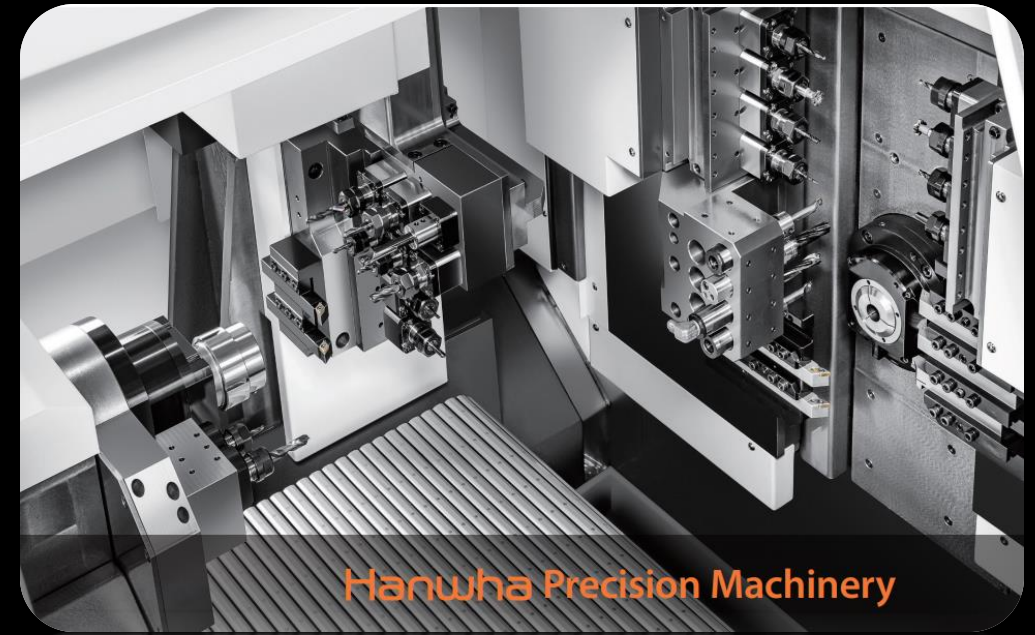
- *Built in Taiwan
 - *Large Capacity ATC
 - *High capacity built-in spindle
 - *Mitsubishi M830W Control
 - *Full support and service throughout USA
 - *Lowest cost maintenance and repair
- Factory Direct Pricing

41 HP Power
104 ft-lb Torque
15,000 rpm Speed
2,645 lbf Clamping Force
1.5 sec Acc. 0 - 12K
1.8 sec Dec. 12K - 0

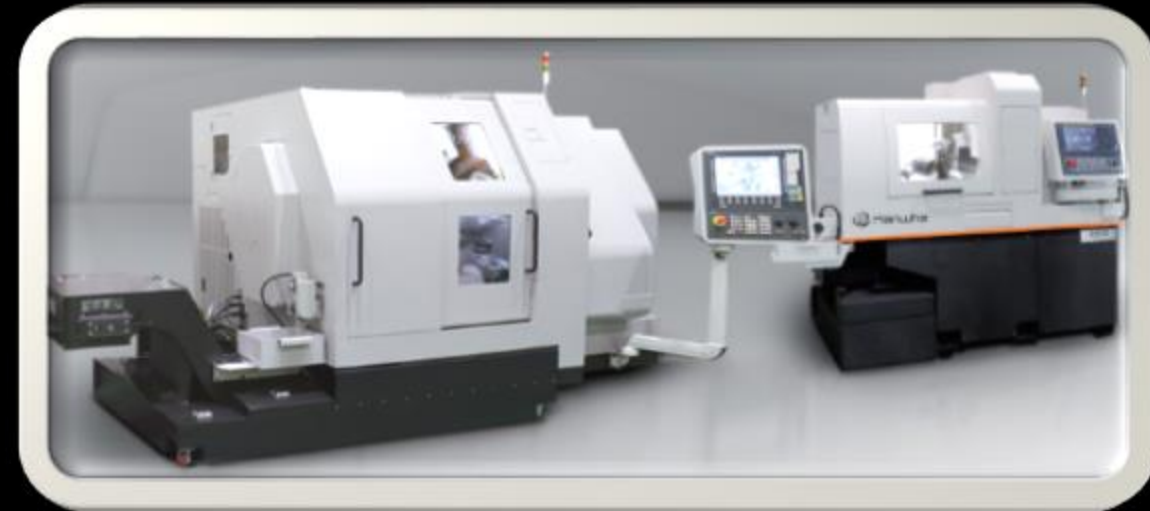


Since 1977, Hanwha has been focused on providing Swiss type lathes that are designed to fit countless growing customer needs.

Surface Mounter Technology Division Chip Mounter • Screen Printer • Semiconductor Equipment • CNC Swiss turning Lathe



Hanwha Precision Machinery





Hastings Air is a full-service provider of industrial Dust Collectors, Air Cleaners, Vehicle Exhaust Removal Systems, and Money-Saving Controls for Process Ventilation.



Success Stories:



HASTINGS
air energy control, inc.
creating a cleaner workplace

Precision Hand Gages and CMM Styli

Hard Gaging





- MILLING TOOL HOLERS



- Tooling certificates available for other brands not listed.

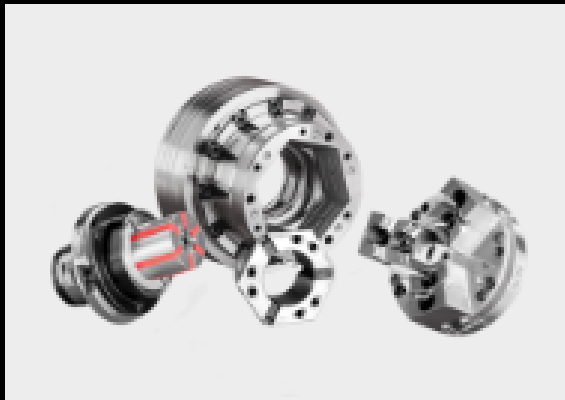


• CUTTING TOOLS, TAPS & INDEXABLE CUTTING INSERTS



• WORKHOLDING LINES





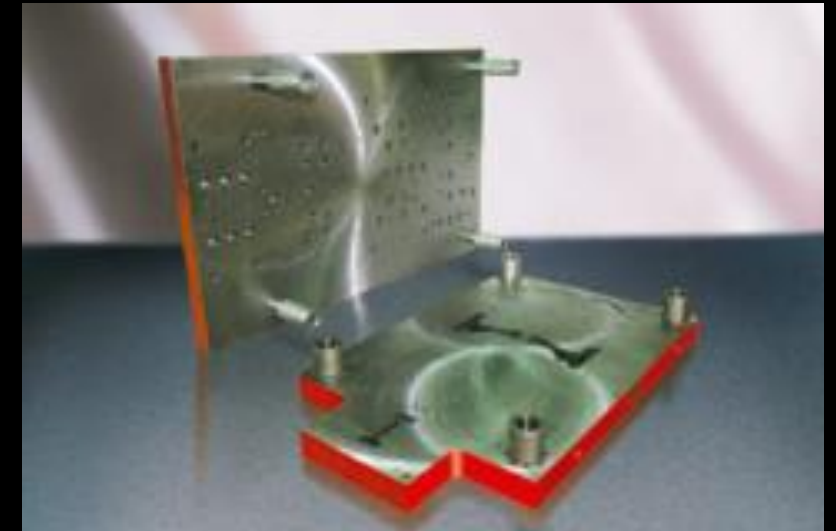
- TOOLING AND WORKHOLDING FOR TURNING APPLICATIONS

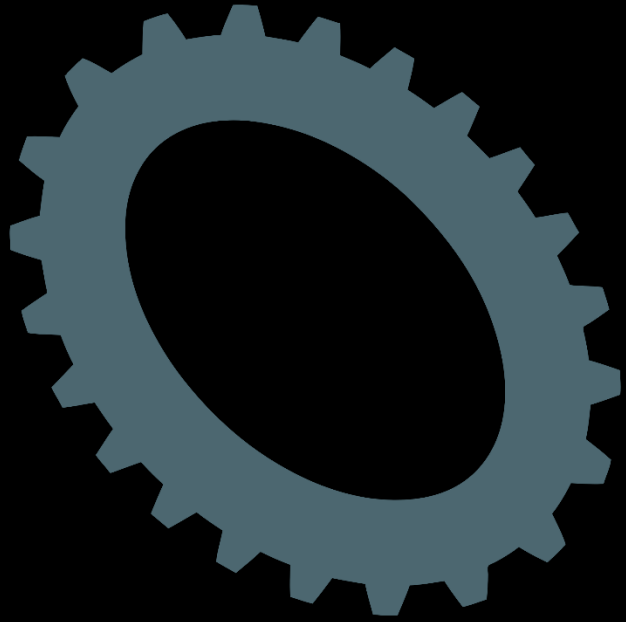


Stamping Consumables



- Std. and Custom Die Sets | Die Components | Gas Springs | Die Springs | Punches | Buttons | Retainers





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