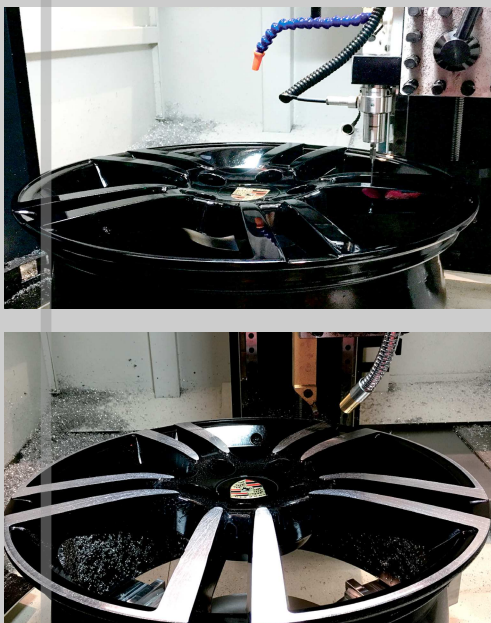




TY-30 Up to 30" Rim

Capable of Cutting Wheels from 14" to 30"

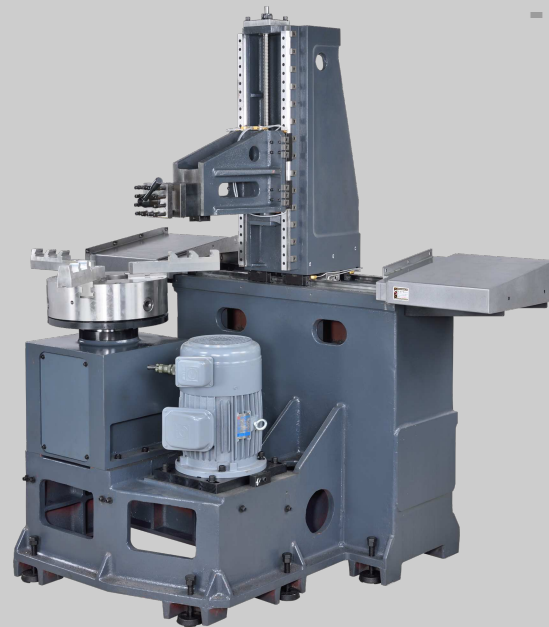


Repairs Damaged Wheel Surfaces

- New innovation for the wheel repair industry
- Vertical wheel lathe for cutting and polishing
- Simple to learn, easy to operate, and fast to finish

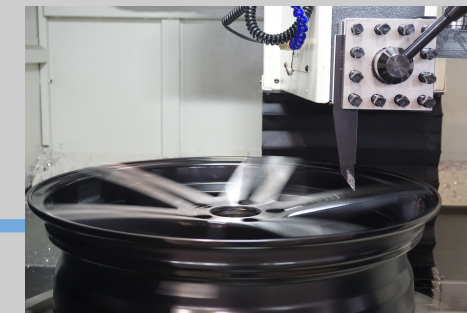
Sturdy Material Structure

- Meehanite integrated & annealed casting with reinforced rib, anti-deformation, and stress relief for long-term reliability
- X and Z axis are equipped with heavy duty roller type linear guideway. It preloads carriage, erases thermal displacement, produces low friction, and has smooth axial movement



High Precision Ball Screw

- C5 double nut precision ball screws
- P4 precision screw support
- Hardened and grounded to be durable
- Auto lube system for accuracy and longevity



TY-23 Up to 23" Rim

Capable of Cutting Wheels from 14" to 23"

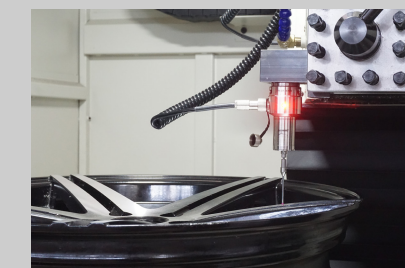
CNC Control

- High performance controller with custom UI and external application support.
- Advanced motion control path planning with dynamic smoothing and look-ahead.
- High-speed digital Yaskawa M-III or Ether CAT drive interface.
- Standard G/M-Code support, with complete Marco Programming system.
- Conversational programming for easy operation.
- Tool-setter and spindle probe interface for automatic precision measurements.
- USB and network file transfer and management.
- MT connect support for data acquisition.
- Remote diagnostics and support.



Digitizing Probe

- Ceramic stylus with ruby sensor point
- LED touch sensitive indicator light
- Measure and digitize the rim to record its surface



Specifications

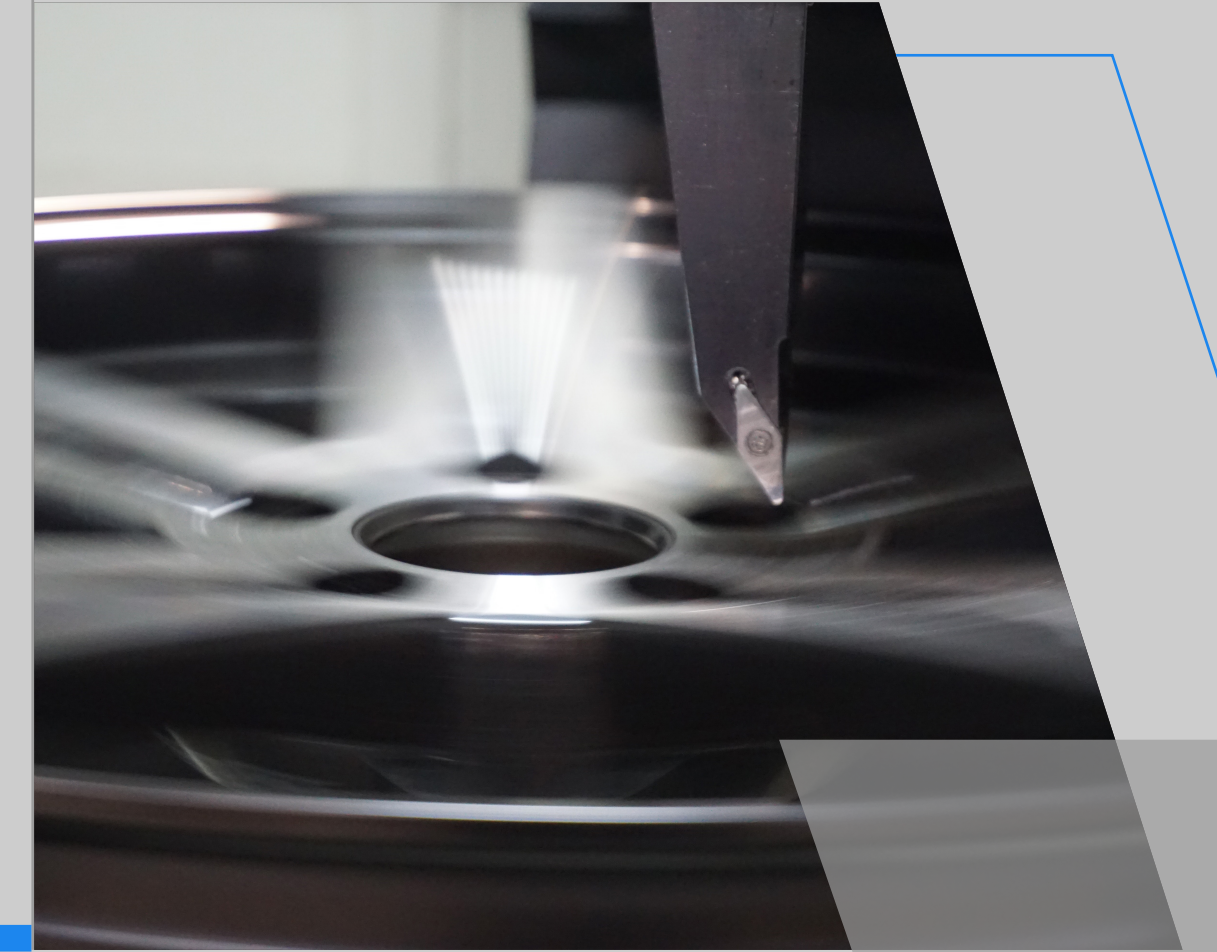
		TY 23	TY 30
Travel	X Axis Travel	14.5"	20"
	Z Axis Travel	13"	18"
	Max Turning Wheel Diameter	23"	30"
Chuck Capacity	3-Jaw Chuck	12"	15"
	Gripping O.D. Range	14"-24"	14"-30"
Distance	Distance from Spindle End to Table	0"-15"	0"-18"
Spindle	Spindle Nose Taper/Tool	A2-5	A2-6
	Spindle Speed (RPM)	100~600	100~600
	Spindle Type	Belt drive	Belt drive
	Spindle Motor (4P)	3 HP	10 HP
	2 Axis Servo Motor (X/Z)	0.85/0.85HP	0.85/0.85HP
Feed	X Axis Rapid Traverse	10M/min	10M/min
	Z Axis Rapid Traverse	10M/min	10M/min
	Cutting Feedrate	5M/min	10M/min
	Min. Input Unit	0.001mm	0.001mm
Installation Requirements	Connected Electricity	6 KVA	15 KVA
	Weights	780 Kgs	2000 Kgs
	Machine Dimension (L x W x H)	50" 63" 67"	79" 62" 100"
	Shipping Dimension (L x W x H)	55" 70" 75"	90" 80" 106"

Standard Accessories


- | | |
|---------------------------|-----------------------|
| 1 Digitizing Package | 7 Way Covers |
| 2 Diamond Cutters | 8 Chip Cart |
| 3 RS-232 & Ethernet Ports | 9 Tools & Tool Box |
| 4 Full Enclosure | 10 Four Way Tool Post |
| 5 Halogen Work Light | 11 MPG (Optional) |
| 6 Auto Lube | 12 Cooling Spray |



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TY SERIES

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