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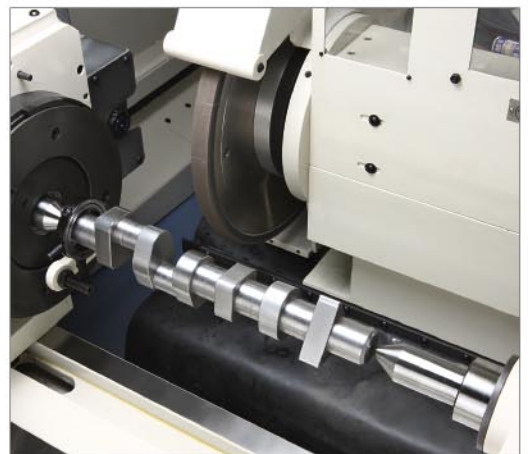
Unparalleled, Choice CNC Grinding Solutions

Ultra GU-3550CNC Polygon Cylindrical Grinder



Features :

- New design for eccentric or non-round parts grinding.
- Linear motor and linear scale for X-axis, achieving high speed, high precision and no backlash performance.
- Direct drive motor for C-axis, reducing power consumption of indirect drive.
- In-feed movement in nanometer by Rexroth controller.
- Diamond rotary dresser and CBN G.W.
- Applications include eccentric, polygon, camshaft and crankshaft parts grinding etc.
- With dedicated CAD/CAM software, users can rapidly and safely edit this user-friendly processing program.



Ultra GU-3550CNC Specification

Model		Unit	Ultra GU-3550CNC
Capacity	Swing over table	mm	Ø 350
	Distance between centers	mm	500
	Max. grinding diameter	mm	Ø 320
	Grinding wheel dimensions	mm	Ø 405 / Ø 510
	Max. load head between centers	kg	150
	Max. grinding wheel peripheral speed	m/s	45
	Spindle driven motor	HP	5
Control System	Controller		Rexroth MTX Micro
	Software		Polygon grinding CAD/CAM software
X-axis Feed Slide	X-axis minimum resolution increment	mm	0.0001(Linear Scale)
	X-axis rapid feed rate	m/min	Max.20
	Drive mode		Linear motor
	Guideway		Roller guideway
Z-axis Feed Slide	Z-axis minimum resolution increment	mm	0.0001
	Z-axis rapid feed rate	m/min	8
	Z-axis can be swiveled manually in deg.	deg.	- 0.5° ~ 5°
Workhead(C-axis)	Spindle speed	r.p.m.	5~700
	Taper of spindle bore		M.T.4 / M.T.5
	C-axis minimum resolution increment	deg.	0.0001°(Angle Encoder)
	Drive mode		Direct drive spindle
	Spindle driven motor	kw	11
Tailstock	Hydraulic sleeve retraction	mm	35
	Center		M.T.4 / M.T.5
Others	Machine dimensions(LxWxH)	mm	3,200x2,000x2,260
	Machine weight	kg	4,100

* Design and specifications are subject to change without prior notice

Standard accessories

Rexroth Controller	Center
Inverter	Hydraulic Oil Cooler
Linear Scale for X-axis	Micro Taper Adjustment of Tailstock
Angle encoder for C-axis	Grinding Wheel
Coolant System with Pump	Hydraulic Tank
Tools+Kits	Hydraulic Tank
Wheel Flange Extractor	Touch Probe

Optional accessories

- Linear Scale for Z-axis
- OD In-process Gauge
- Gap eliminator/Crush Control
- Paper Filter
- Vibration Meter
- Dynamic Wheel Balancer

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