

CLAUSING introduces our powerful, low-cost, CNC lathe solution

The Clausing model CNC1440PT with the latest **ACU-RITE** TURNPWR CNC control enables you to program conventional machining operations right at the machine in an easy-to-use conversational language.



TURNING



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TURNPWR Technical Data	
DRO Mode	- Multiple Datums (Fixture Offset): 99 - Currently Only Allow Z Axis Datum Reset / Will Add Tool Wear Offset in Tool Table or Allow Datum Set of X & Z - Near Zero Warning
PGM Mode	- Thread Cycles, Recess Cycles, Turning Cycles - Position / Drill, LINE, ARC, BLEND (Blend / Chamfer) - Estimated Machining Time - View Graphics: 2D Line / 3D Line / 3D Solid - Block Form w/ User Override - Replication (Repeat) - Comment Step - Event comments - Program Manager Navigation Tree w/ Program Type Filter - Long Program Names - Program Preview: Listing & Graphic w/ Estimated Machining Time - Explode Step: Repeat - Reverse (Step / Path) - Shift Steps - Auto Save (Program) - Program Size Limit (TPT only): 9999 Steps - DXF File Import - G-code Program: w/Graphics Support / Simple Edit - On-Screen Help: User Manual Viewer (Text & Graphics) - Parts Counter & Clock - Optional Stop (G-code Only) - Feed & Spindle Override Potentiometer - Error Compensation: Linear & Bidirectional Non-linear
Processor	1.4 GHz Dual Core Celeron® Processor
Display	12.1-inch 1024 x 768 Color LED
Internal Storage	2.5 GB CFAST (SATA) User
Remote Handwheel	AH500 Remote Handwheel for Kit Versions / Standard Machine Handwheels for OEI Version Control
Housing	Die Cast Metal Bezel & Enclosure (Back Sheet Metal, Kit Style Console)
Connections	1GHz Ethernet, USB 3.0 3X
Accessories	- Linear Feedback Optional - Electronic Edgefinder - Offline Software
Weight	~7.7 kg
Electrical Requirements	AC 100 V to 240 V (±10 %), 50 Hz to 60 Hz (±2 %)
Operating Temperature	0° to 45° C (32° to 113° F)
Storage Temperature	-20° to 70° C (-4° to 158° F)
Protection	IP 54 (Front) / IP 40 (Back) (Kit Style Console)



Tool Step



Cycle Select



3D Graphics



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