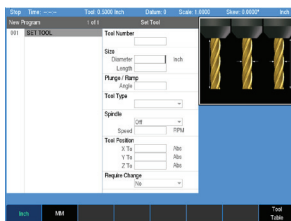
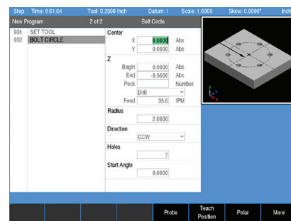


MILLPWR^{G2}

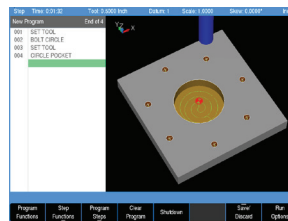
Milling CNC Control



Tool Step



Cycle Select



3D Graphics

Intuitive Entry-level CNC System

The MILLPWR^{G2} is ideal for any knee or bed mill job requiring manual and automated machining. It can operate as a full-function digital readout system, a programmable CNC control, or both. Retrofit with 100+ machine makes and models to improve function and lifespan without a significant investment.

More Consistency and Fewer Mistakes

The MILLPWR^{G2} provides accurate real-time feedback on tool position and movement to significantly reduce setup time, scrap, and other non-productive operations.

Improved Time and Cost Savings

Thanks to intuitive installation and design, the MILLPWR^{G2} is simple to set up, learn, and operate for students to experienced machinists. Produce superior workpieces while saving on time and cost.

Reliability in Every Milling Application

The MILLPWR^{G2} is designed and built in the USA for maximum reliability. It is constructed to stand up to even the harshest machine shop environments.

MILLPWR^{G2} Technical Data

DRO Mode	Multiple Datums (Fixture Offset): 99 Skew Zero Reset Near Zero Warning																						
PGM Mode	<table border="0"> <tr> <td>Estimated Machining Time</td> <td>Shift Steps</td> </tr> <tr> <td>View Graphics (2D Line, 3D Line & 3D Solid)</td> <td>Auto Save (Program)</td> </tr> <tr> <td>Block Form with User Override</td> <td>Program Size Limit (MPT only): 9999 Steps</td> </tr> <tr> <td>Custom Pocket & Islands, Ramp Feed & Optimized Path</td> <td>DXF File Import</td> </tr> <tr> <td>Replication (Repeat, Rotate, Mirror)</td> <td>G-code Program (with Graphics Support, Simple Edit)</td> </tr> <tr> <td>Engrave (Line, Arc)</td> <td>On-screen Help: User Manual Viewer (Text, Graphics)</td> </tr> <tr> <td>Program Manager Navigation Tree with Program Type Filter</td> <td>Parts Counter & Clock</td> </tr> <tr> <td>Long Program Names</td> <td>Manual/Auto Z Control: 3 Axes</td> </tr> <tr> <td>Program Preview (Listing & Graphic with Estimated Machining Time)</td> <td>Optional Stop (G-code Only)</td> </tr> <tr> <td>Explode Step (Hole Patterns, Repeat, Rotate, Mirror)</td> <td>Feed Override: Potentiometer</td> </tr> <tr> <td>Reverse (Step, Path)</td> <td>Error Compensation: Linear & Bi-directional Non-linear</td> </tr> </table>	Estimated Machining Time	Shift Steps	View Graphics (2D Line, 3D Line & 3D Solid)	Auto Save (Program)	Block Form with User Override	Program Size Limit (MPT only): 9999 Steps	Custom Pocket & Islands, Ramp Feed & Optimized Path	DXF File Import	Replication (Repeat, Rotate, Mirror)	G-code Program (with Graphics Support, Simple Edit)	Engrave (Line, Arc)	On-screen Help: User Manual Viewer (Text, Graphics)	Program Manager Navigation Tree with Program Type Filter	Parts Counter & Clock	Long Program Names	Manual/Auto Z Control: 3 Axes	Program Preview (Listing & Graphic with Estimated Machining Time)	Optional Stop (G-code Only)	Explode Step (Hole Patterns, Repeat, Rotate, Mirror)	Feed Override: Potentiometer	Reverse (Step, Path)	Error Compensation: Linear & Bi-directional Non-linear
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Reverse (Step, Path)	Error Compensation: Linear & Bi-directional 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 Pendant (Stop/Go)	DC Kits Only																						
Remote Handwheel	AC Kits Only																						
Housing	Die Cast Metal Bezel & Enclosure (Back Sheet Metal)																						
Connections	Ethernet, USB (x2)																						
Accessories	Linear Feedback for Coupling Z (Quill) and W Electronic Edge Finder Offline Software																						
Dimensions	463 mm x 272.5 mm x 196.2 mm																						
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)																						



Acu-Rite Solutions creates precision CNC control and digital readout systems that accelerate efficiency and capability for manual machine tool operators. Our advanced technologies are backed by the continuous innovation of HEIDENHAIN and are designed, built, and supported in the USA. acu-ritesolutions.com

Pair an Acu-Rite Solutions CNC control or digital readout with a durable linear encoder. Our precision glass scales provide repeatable, accurate feedback in even the harshest environments.



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