

USER-FRIENDLY

SAVE VALUABLE TIME.

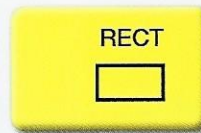
Standardized menus make it easy to program common features, simply press any function key and follow the prompts. Use MILLPWR^{G2} for lines, arcs, blends and pockets in any size, shape or pattern your print requires. There is no need to set up rotary tables or other devices. MILLPWR^{G2} also includes an engrave option for engraving alphanumeric characters vertically, horizontally, diagonally or along an arc.

Save time with the skew feature, which enables the user to program to the work piece without having to perfectly aligning it along the X and Y axes. MILLPWR^{G2} will compensate for the skew angle offset from start to finish.

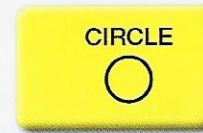
The teach position feature allows the operator to use a tool, electronic Edge Finder or indicator to create a program from an existing part.



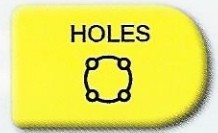
Program tools by diameter, length, type, direction, speed



Pocket, frame, face, slot



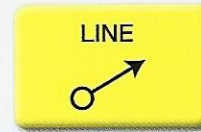
Pocket, frame, ring, helix



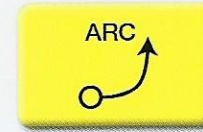
Full/partial circles, linear row/column, rectangular frame and array



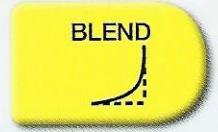
Drill, bore, position



Defined by "from" and "to" points or by angles



Defined by "from" and "to" points or by sweep, center or 3-points



Insert a corner radius between two lines, two arcs or lines and arcs

RETROFIT PACKAGES

WHAT'S IN YOUR SHOP?

Update your existing mill with ease. Custom engineered, bolt-on retrofit packages are available for the following machines:

ACER	CLAUSING	SHARP
ACRA	ENCO	SOUTHBEND
ALLIANT	JET	LATHE
ARGO	KENT	TOP ONE
ATRUMP	LILIAN	TURNPRO
BIRMINGHAM	MILLPORT	VECTRAX
BRIDGEPORT	MSC	VICTOR
CHEVALIER	REPUBLIC	WILTON
	LAGUN	YCI

AND MANY MORE!



CNC systems available for knee mills and bed mills. Electronics package available for CNC-ready machines

DC SYSTEM RETROFIT KIT:

- G2 CNC control
- Remote stop/go switch
- Ball screws
- Servo drives and motors
- Motor mounting castings and hardware
- Handwheels
- Precision linear encoders (1um/0.00005" resolution)
- Console and encoder mounting hardware
- Machine specific bracketry
- Recovery drive



SPECIFICATIONS

DRO Mode

Multiple Datums (Fixture Offset)	99
Skew	Yes
Zero Reset	Yes
Near Zero Warning	Yes

PGM Mode

Estimated Machining Time	Yes
View Graphics	2D Line / 3D Line / 3D Solid
Block Form	Yes, w/ User Override
Custom Pocket & Islands	Yes, Ramp Feed & Optimized Path
Replication (Repeat, Rotate, Mirror)	Yes
Engrave (Line / Arc)	Yes
Program Manager Navigation	Tree w/ Program Type Filter
Long Program Names	Yes
Program Preview	Listing & Graphic w/ Estimated Machining Time
Explode Step	Hole Patterns & Repeat / Rotate / Mirror
Reverse (Step / Path)	Yes
Shift Steps	Yes
Auto Save (Program)	Yes
Program Size Limit (MPT only)	9999 Steps
DXF File Import	Yes
G-code Program	Yes, w/ Graphics Support/Simple Edit
On-Screen Help	User Manual Viewer (Text & Graphics)
Parts Counter & Clock	Yes
Manual / Auto Z Control	Yes, 3 Axes
Optional Stop (G-code Only)	Yes
Feed Override	Potentiometer
Error Compensation	Linear & Bidirectional Non-linear

Hardware

Processor	1.4 GHz Dual Core Celeron® Processor
Display	12.1" 1024 x 768 Color TFT LED
Internal Storage	2.5 GB CFAST (SATA) User
Remote Pendant (Stop / Go)	Yes, for DC kits only
Remote Handwheel	Yes, for AC kits only
Housing	Die Cast Metal (Bezel & Back Sheet Metal)
Connections	Ethernet, USB (x2)
Protection	IP 54 (front) / IP 40 (Back)