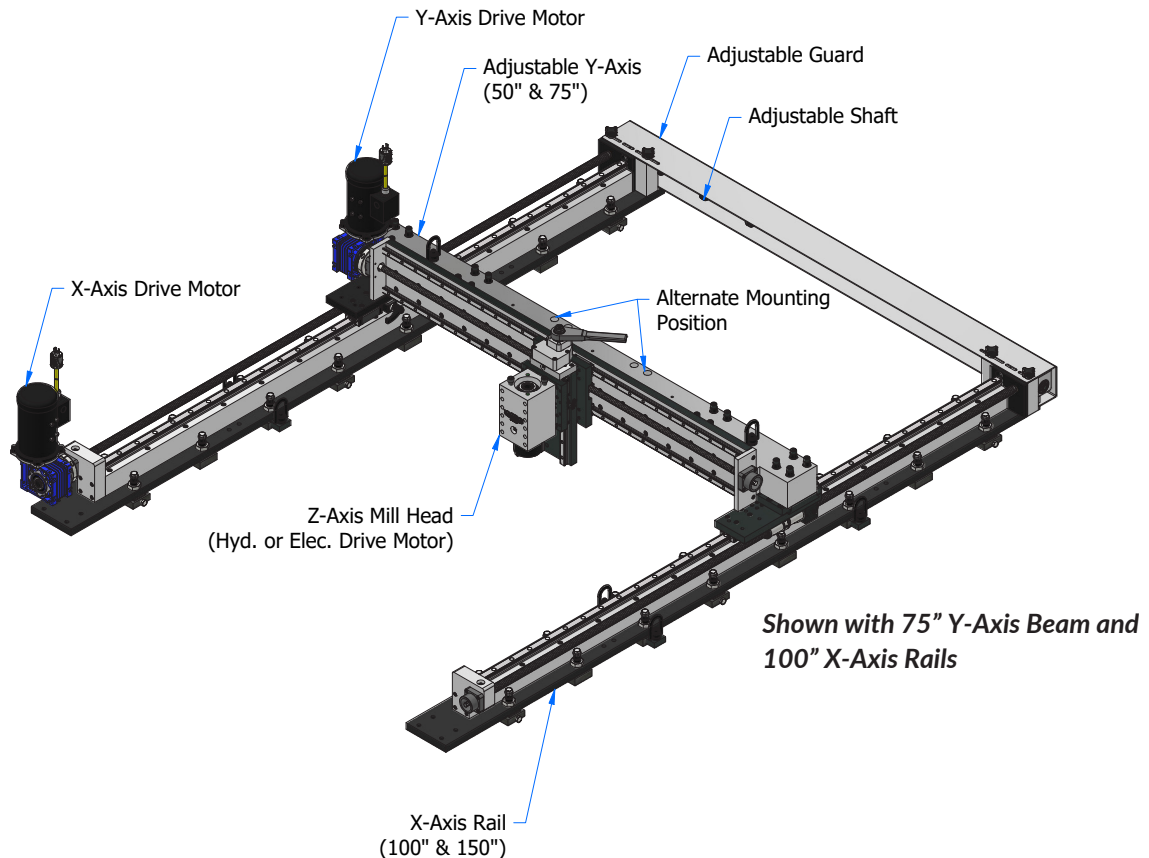


MACTECH

PGM-SD

PORTABLE GANTRY MILL - STANDARD DUTY

MACTECHONSITE.COM



PRODUCT DESCRIPTION

No more waiting for parts to be transported to a shop or dealing with misaligned cuts. With the Portable Gantry Mill - Standard Duty, you get precision and power right where you need it, whether that's on a tough work site or in a tight space. It moves easily, sets up fast and delivers uncompromising results — so you can focus on the job without any tools slowing you down.

Mactech offers a fast response with the best technicians and support, short delivery times, high accuracy, and custom setups make Mactech's Portable Gantry Mill - SD among the most versatile of on-site milling machines for your job.

FEATURES

- ADJUSTABLE Y-AXIS MOUNTING FOR FOOTPRINT FLEXIBILITY AND CANTILEVER CONFIGURATIONS
- LIGHTWEIGHT FOR EASIER LIFTING AND POSITIONING
- ADJUSTABLE JACKING SCREWS AND SUPPORT PLATES MAKE SETUP QUICK AND EASY
- LINEAR RAILS, PRECISION BALL SCREWS AND RIGID SETUP ENSURE ACCURATE MACHINING
- EASY TO USE: REMOTE X AND Y-AXIS MOTOR CONTROLS
- 50" AND 75" Y-AXIS BEAMS
- 100" AND 150" X-AXIS RAILS
- ENQUIRE ABOUT CUSTOM SIZING

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WORK HARD

WORK SAFE

WE BEFORE ME

WELCOME CHALLENGES

WOW THEM

SPECIFICATIONS

X-AXIS:

Electric Feed Motor: 120 Input, 1/2 HP
Gear Reduction: 40:1
Feed Rate: 0 to 21.25 inches/minute

Y-AXIS:

Electric Feed Motor: 120 Input, 1/2 HP
Gear Reduction: 40:1
Feed Rate: 0 to 21.25 inches/minute

Z-AXIS:

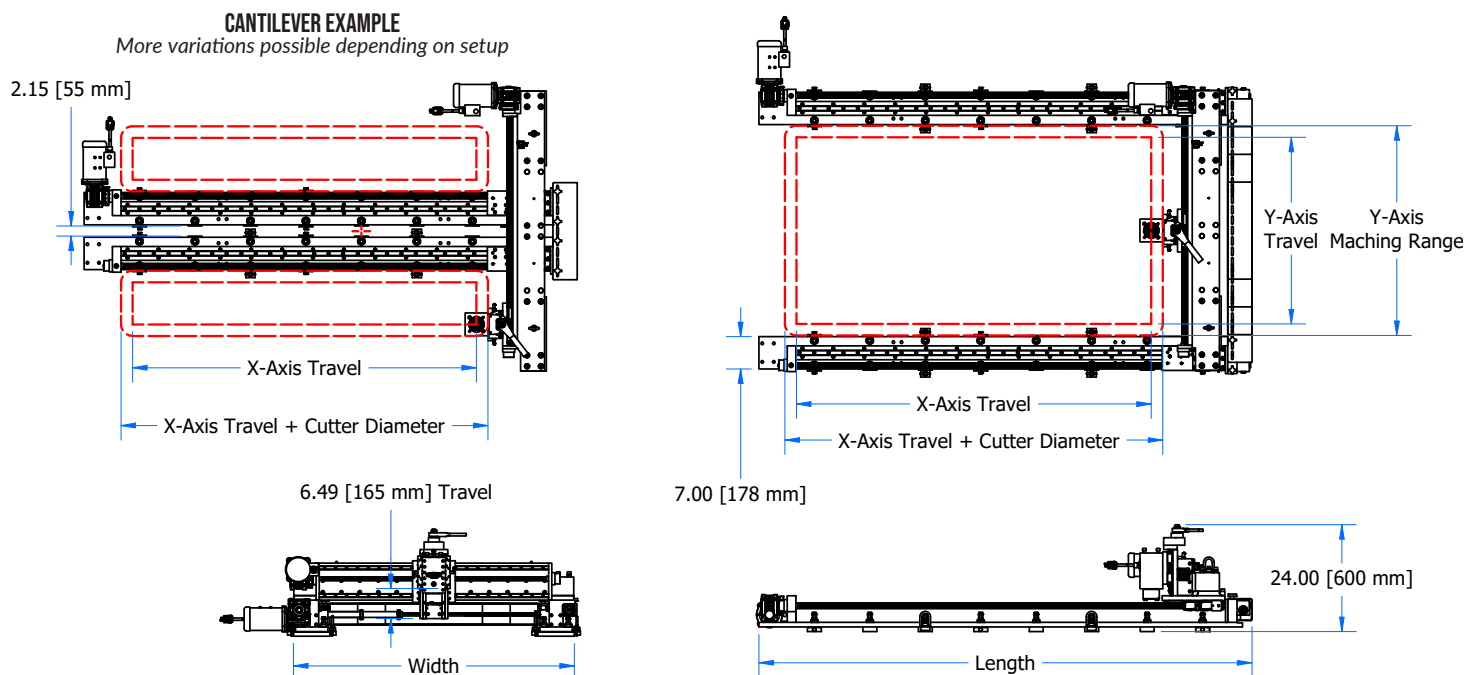
MT6 Slide, manual or electric feed
NMTB 40 / CAT40 taper bearing spindle

SPINDLE MOTOR:

Hydraulic: 3.6 cu in, 500rpm @ 1000psi 8gpm , Hydraulic: 9.7 cu in, 185rpm @ 1000psi 8gpm
Electric: 110v or 220v @ 0-570rpm variable, 4 speed reversible

PGM - SD		Travel	Machining Range	Cantilevered Reach (Recommended)	Cantilevered Reach (Max)	Dimension (Width)	Weights
Y-Axis Beam	50" Beam	40.4"/1026	45.4"/1153	24"/609	30.5"/774	54.75"/1391	1884lb/854kg
	75" Beam	54.4"/1381	59.4"/1508	24"/609	44.5"/1136	75.75"/1924	2233lb/1012kg
						Dimension (Length)	
X-Axis Rails	100" Rail	76.75"/1949	Travel + Cutter	N/A	N/A	106.5"/2711	213lb/96kg (per)
	150" Rail	116"/2946	Travel + Cutter	N/A	N/A	146"/3707	213lb/96kg (per)
						Dimension (Height)	
Z-Axis		6.5"/165	N/A	N/A	N/A	24"/609	72lb/32kg

Dimensions shown: in/mm



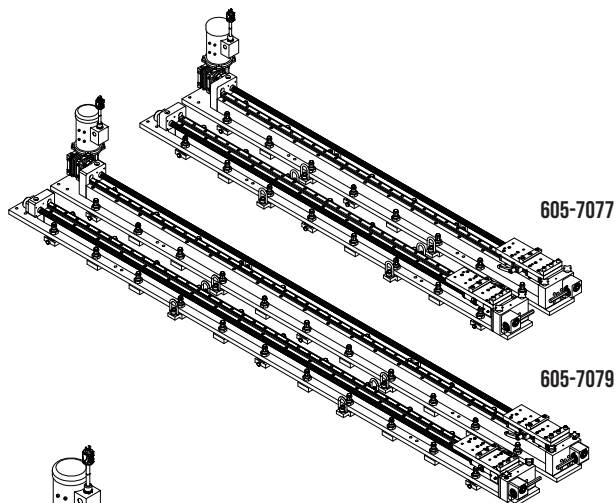
All dimensions and hydraulic requirements are for reference and may be subject to change without notice. Machine performance is subject to application and operator capability; please discuss your requirements directly with a Mactech sales representative. All information given and all sales made by Mactech Inc. are subject to their terms and conditions.

X-AXIS RAIL KIT OPTIONS (CHOOSE ONE)

Includes 30MM Linear Rail, 120v Motor, Tool Kit, and Shipping Box

605-7077 2000mm LH & RH Pair (100")

605-7079 3000mm LH & RH Pair (150")

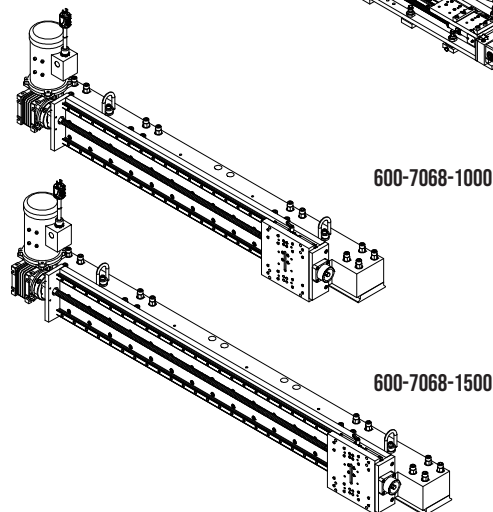


Y-AXIS BEAM KIT OPTIONS (CHOOSE ONE)

Includes Cross Feed Slide Assy, 120v Motor, and Shaft Guards

600-7068-1000 1000mm Cross Feed Slide Assy (50")

600-7068-1500 1500mm Cross Feed Slide Assy (75")



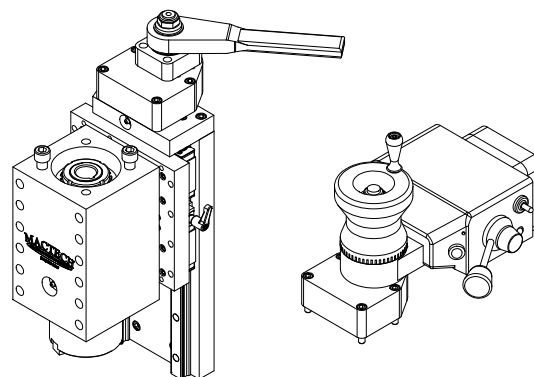
Z-AXIS SLIDE KIT (REQUIRED)

14" Y/Z Slide Assembly with Extended ND6 Mill Head Assembly (NMTB 40 Quill) and 1:2 ratchet feed

600-7084 Gantry Mill Z Slide Assembly - 6.5" Travel

Power Feed (Optional)

600-2857 MOD-A MT6/MT8 Servo Drive



HAND TOOL KIT (INCLUDED IN X-AXIS KITS)

Includes: Tool Box, Shim Set, L-Allen Key Set, T-Handle Allen Key, Ratchet Box Wrench, Lock Nut Wrench, Ratchet Drive, Combination Wrenches, Step Block and Clamp Set

601-0008 Linear Rail Gantry Mill Tool Kit

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SPINDLE MOTOR OPTIONS (CHOOSE ONE)

ELECTRIC MOTOR OPTIONS

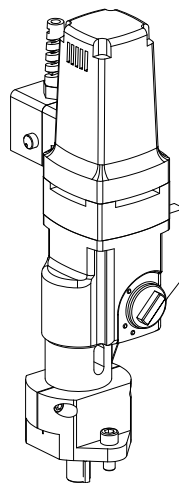
600-6655 2200w, 0-570RPM Variable, 4 Speed, Reversible, 220v

600-6657 2200w, 0-570RPM Variable, 4 Speed, Reversible, 110v

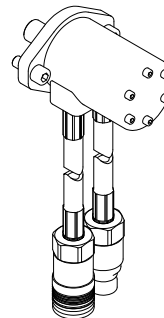
HYDRAULIC MOTOR OPTIONS

600-6763 Hyd Drive - 3.6ci, 96-953RPM, 2-15 GPM

600-6775 Hyd Drive - 5.9ci, 55-585RPM, 2-15 GPM



600-6655 / 600-6657



600-6763 / 600-6775

CUTTER AND FACE MILL OPTIONS

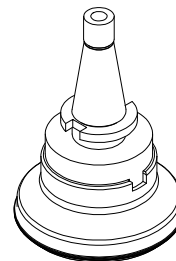
FACE MILLS

Kits come with the holder, the cutter, 10 inserts, 5 spare screws, and insert tool.

445-1108 4" 5 Flt 45° Face Mill NMTB 40 Taper Shank Kit

445-1107 5" 6 Flt 45° Face Mill Nmtb 40 Taper Shank Kit

445-1078 6" 7 Flt 45° Face Mill With Nmtb 40 Taper Kit



445-1107

TOOLING AND INSERT OPTIONS

Available Cutters, Face Mills, and Tool Holders

445-2013 Face Mill Insert SEET13T3AGSR-L ACP100 Light Cutting Steel

445-2014 Face Mill Insert SEET13T33AGSR-G ACP200 General Cutting Steel

445-2019 Face Mill Insert SEET13T3AGFR-L H1 Aluminum



445-2014

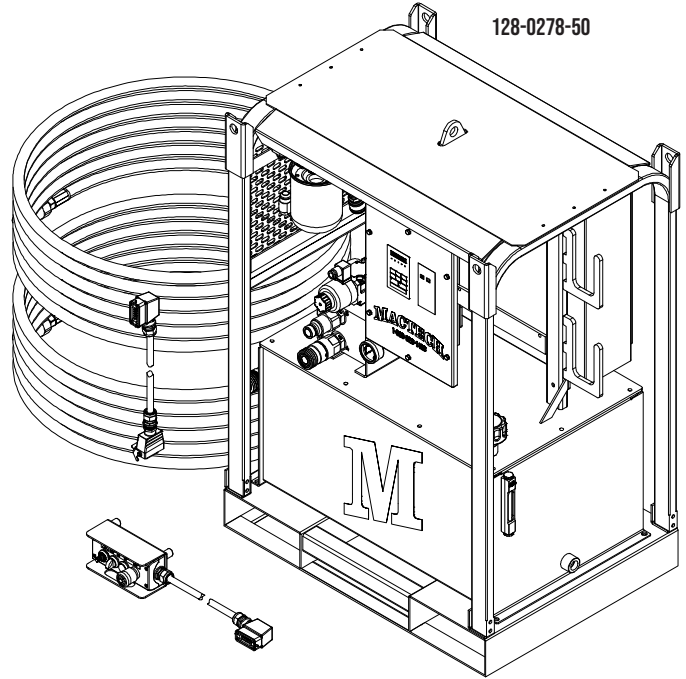
Other material bits have same form factor

HYDRAULIC POWER SUPPLY OPTION

Includes: HYD Hoses, $\frac{3}{4}$ " X 50', $\frac{3}{4}$ " ISO 16028 Flat Face Quick Disconnects

128-0278-50 HPS, 20HP 480V, 16 GPM @ 1500

128-0278-50



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