

# Mactech Europe LTD



## Mactech Offshore Gantry Mill

Cut Any Shape or Pattern in Submerged or Topside Structures  
Rugged, Fast, and Reliable

**Mactech Offshore** presents the newly-designed **Gantry Mill**. This powerful mill can easily cut large openings in submerged decks, crew quarters or any structure for rigging or access holes. Fast set-up and fewer adjustments for each operation mean the Gantry Mill will save you time and money. True 3-axis movement can cut almost any shape or pattern desired. The modular design can be custom designed and configured for a variety of sizes and configurations. Variable speed feed control allows full control of speed and direction of your milling operations.



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### Key Features

- Fast set-up, fewer adjustments per operation
- Compatible with standard hydraulic systems
- Custom configurations available
- Powerful hydraulic motor cuts through the toughest materials
- Attaches quickly with clamp base or magnetic mounts



Control Valve

### Specifications

#### Arbor

1" Straight quill  
#40 NMBT taper

#### Mounting Options

The Gantry Mill may be attached to the workpiece in the following manner:

Clamped

Bolted

Welded

Magnetically attached

Weight: 788lbs (357kg)

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**Mactech**  
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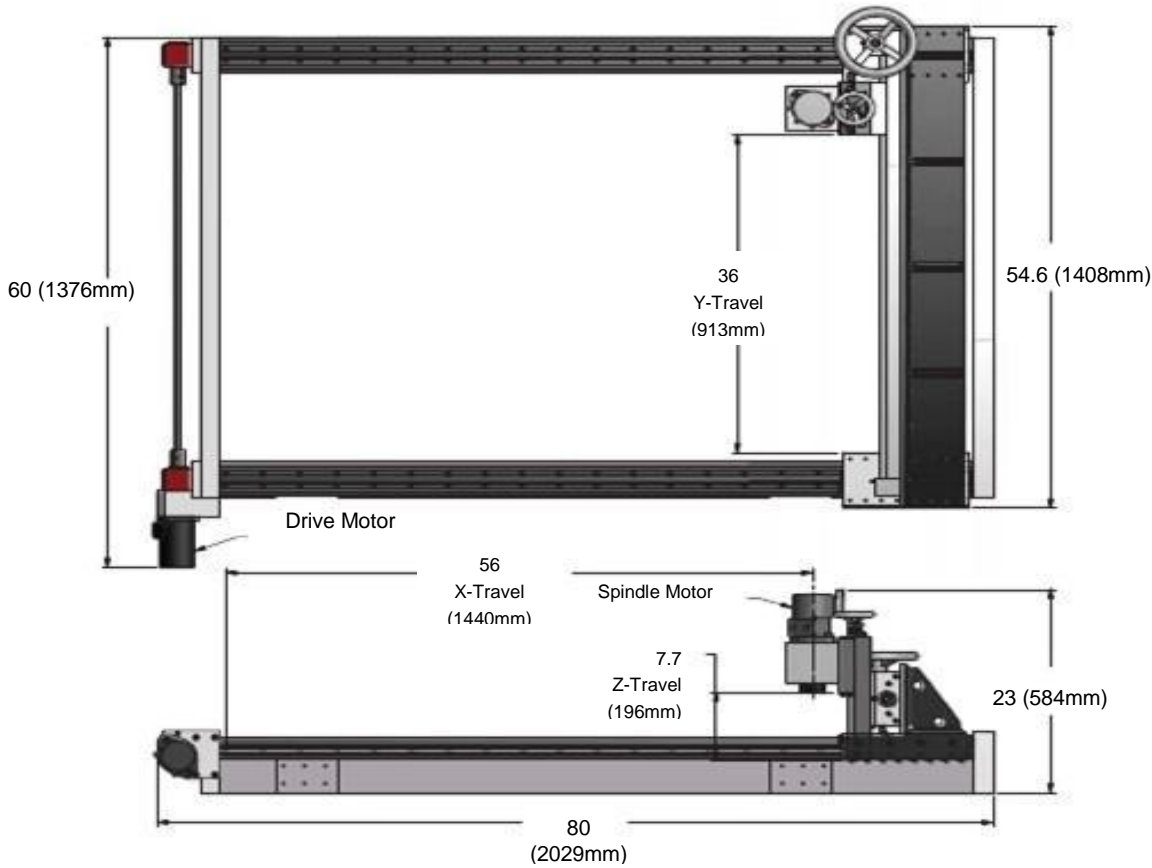
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## Dimensions



## Motor Options

Select your desired torque and RPM for the spindle and drive motors from the tables below:

### Spindle Motor - HPU@1000 psi

Motor Option	Motor Displacement	Torque@ 2-5 gpm	Torque@ 5-10 gpm	Torque@ 10-15 gpm	Torque@ 15-20 gpm
		RPM	RPM	RPM	RPM
A	7.3 in <sup>3</sup>	76-77 ft-lbs	74-77 ft-lbs	69-74 ft-lbs	
		58-183	183-308	308-462	
B	9.8 in <sup>3</sup>	108-117 ft lbs	100-108 ft-lbs	92-100 ft-lbs	83-92 ft-lbs
		30-95	95-210	210-330	330-440

### Drive Motor - HPU@1000 psi

Motor Option	Motor Displacement	Torque@ 2-5 gpm	Torque@ 5-10 gpm	Torque@ 10-15 gpm	Torque@ 15-20 gpm
C	9.7 in <sup>3</sup>	101-103 ft-lbs	99-101 ft-lbs	94-99 ft-lbs	

**\*Note:** Drive motor is operated at low volume to run at 0 to 4 inches per minute feed rate.

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