



PAT MOONEY, INC.

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OLIMPUS III

FMB PRECISION GEAR DRIVE SAWS - STRUCTURAL SAW SERIES

The Olympus range of FMB gear drive saws were designed to handle large capacity sawing. The sawhead travels on large columns and the sawblade travels at a 10 degree gant with regard to the material. This approach makes for faster sawing of structural steel square tubes because fewer teeth are in the material at one time. The OLIMPUS is easy to set up and operate and can be combined with material handling equipment to further increase the productivity of your operation.

Standard Features & Equipment:

- SEMI Automatic Cycle Clamps, Saw Cuts, Saw up, Vise Unclamps
- Swivel saw base 45 degrees right with digital readout of the cutting angle
- Thrust ring for machine rotation
- Sawhead is supported by two round columns. The main column is 6” and the support column is 4”, the columns are chrome plated and lubricated .
- Sawblade travels with 10 deg. Inclination for best cutting
- Heavy duty machine base in welded steel construction
- Special hydraulic valve for maximum cutting performance
- Mechanical blade tension with built in indicator
- Precision carbide blade guides with roller guides
- Hydraulic system downfeed control of the blade
- Sawblade height return adjustment
- Fast approach of bow to material
- Blade vibration damper
- Saw drive via gear reductor with case hardened and ground helical gears
- Illumination of the cutting line
- Induction hardened and replaceable vise plates
- Electrically driven chip brush
- Recirculating Flood coolant system
- Complete electrics wired for 220, 440 volts, 3 Ph, 60Hz, 24 control voltage
- One sawblade and operating manual

Technical Data:

Cutting Capacity	0 Degree	45 Degree/right	45 Degree/left	Bundle
Round	19 1/2”	15 3/4”	11 3/4”	
Rectangle	16 3/4” x 27 1/2”	16 3/4” x 15 3/4”	15 3/4” x 11 3/4”	16 3/4” x 27 1/2”
Square	16 3/4” x 16 3/4”	15 3/4” x 15 3/4”	11 3/4” x 11 3/4”	

- Blade Size 17’10” x 1 1/2” x .050”
- Blade Speeds 115 to 230 FPM
- Saw Motor 5 HP
- Hydraulic Motor 2 HP
- Coolant Motor 1/4 HP
- Floor Space 106” x 52”
- Machine Weight 5,600 lbs