



PAT MOONEY, INC.

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OLIMPUS I

FMB PRECISION GEAR DRIVE SAWS - STRUCTURAL SAW SERIES

The Olympus range of FMB gear drive saws were designed to handle large capacity sawing. The saw head 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 Olympus 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:

- 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
- Electronic Inverter for Blade Speeds
- Heavy duty machine base in welded steel construction
- Mechanical blade tension with built in indicator
- Precision carbide blade guides with roller guides
- Hydraulic system down feed control of the blade
- Fast approach of bow to material
- Blade vibration damper
- Automatic return height adjustment of the saw head
- 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 saw blade and operating manual

Technical Data:

| Cutting Capacity | O Degree | Bundle |
|------------------|---------------|---------------|
| Round | 19” | |
| Rectangle | 16 ¾” x 27 ½” | 16 ¾” x 26 ½” |
| Square | 16 ¾” x 16 ¾” | |

- Blade Size: 17’10” x 1 ½” x .050”
- Blade Speeds: Variable 115 to 230 FPM
- Saw Motor : 5 HP
- Hydraulic Motor: 2 HP
- Coolant Motor: 1/4 HP
- Floor Space: 106” x 52”
- Machine Weight: 4,650 lbs