



PAT MOONEY, INC.

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**OLIMPUS 1 XL
 FMB PRECISION GEAR DRIVE SAWS - STRUCTURAL SAW SERIES**

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

Standard Features & Equipment:

- Sawhead supported by two round columns. Main column is 6” and support column is 4”. Columns are chrome plated and lubricated.
- Sawblade travels with 10 degree 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 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	20”	--
Rectangle A	17-3/4” x 40-1/2”	17” x 37”
Rectangle B	18” x 23-5/8”	
Square	18” x 18”	--

Blade Size	Blade Speed	Saw Motor Power	Voltages Available	Foot Print	Weight
19’10” x 1-1/2” x .050”	Variable 52-394 FPM	5.5 HP	220v/3PH 440v/3PH	114” x 59”	6,050 Lbs.