



**PAT MOONEY, INC.**

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**ORION G**

**FMB PRECISION GEAR DRIVE SAWS - PRO-DM MITRE SERIES**

FMB Mitre Bandsaws combine the advantages of a circular cold saw with the speed of an abrasive saw and the capacity of a traditional bandsaw. Due to the cutting accuracy and squareness, large capacity, and pivoting sawhead, FMB Mitre Bandsaws are ideal for a wide range of iron, steel fab and machine shops.

**Standard Features & Equipment:**

- Swivel saw head with a precision protractor. Mitre 0 – 45 degree left and 0-60 degree right,
- Heavy duty machine base with locking cabinet
- Quick acting clamp
- Mechanical blade tension with built in indicator
- Precision carbide blade guides with roller guides
- Length stop (23” long)
- Saw drive via gear reductor with case hardened and ground helical gears
- Flood coolant system
- 24 volt control voltage
- 2 speed motor
- Specify voltage at the time of order (110/1ph, 220/3ph, 440/3ph)
- One FMB cobalt band saw blade and operating manual

**Technical Data:**

Cutting Capacity	0 Degree	45 Degree/Right	60 Degree	45 Degree/Left
Round	9”	6 <sup>5</sup> / <sub>8</sub> ”	3 <sup>7</sup> / <sub>8</sub> ”	5 <sup>1</sup> / <sub>8</sub> ”
Rectangle	5 <sup>1</sup> / <sub>8</sub> ” x 12”	6 <sup>1</sup> / <sub>4</sub> ” x 7”	4 <sup>3</sup> / <sub>4</sub> ” x 3 <sup>7</sup> / <sub>8</sub> ”	3 <sup>7</sup> / <sub>8</sub> ” x 5 <sup>1</sup> / <sub>8</sub> ”
Square	9” x 9”	6 <sup>1</sup> / <sub>4</sub> ” x 6 <sup>1</sup> / <sub>4</sub> ”	3 <sup>7</sup> / <sub>8</sub> ” x 3 <sup>7</sup> / <sub>8</sub> ”	4 <sup>1</sup> / <sub>3</sub> ” x 4 <sup>1</sup> / <sub>3</sub> ”

- Blade Size 8’10” x 1” x .035”
- Blade Speeds 100 and 200 FPM
- Saw Motor 1.5 HP
- Coolant Motor 1/8 HP
- Floor Space 32” x 55”
- Machine Weight 880 lbs

**FMB Orion G Model with Hydraulic Cutting Control** – The “G” allows using either the Pull Down for fast sawing and operation on light jobs with the added convenience of hydraulic Downfeed for heavy tubes, profiles, and solids. The “G” lets you “walk away” while the machine completes the cut and shuts off.