



**PAT MOONEY, INC.**

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**PEGASUS DS**

**Semi-Automatic Operation**

***FMB Precision Gear Drive Saws – PRO Pegasus Mitre SERIES***

The Pegasus DS offers semi-automatic operation of the cutting cycle, complete with hydraulic clamping, positive hydraulic cutting pressure and auto return after the cutting cycle. This model is also capable of mitre cutting both 60 degrees left and 60 degrees right.

**STANDARD FEATURES AND EQUIPMENT:**

- Swivel saw head with a digital display of the cutting angle and 0-60 degrees right and left
- Saw Head rotates on rack and pinion with large hand wheel adjustment
- All gear saw drive with infinitely variable speeds controlled via Inverter
- Heavy duty machine base with locking cabinet
- Clamping vise is hydraulic. Vise is positioned via linear guide and rail
- In feed Table Support that adjusts on linear guide and rail for left position mitre sawing
- Positive hydraulic down feed of the saw blade
- Automatic return height adjustment of the saw head
- Mechanical blade tension with built in indicator
- Precision carbide blade guides with roller guides
- Saw drive via gear reductor with case hardened and ground helical gears
- Flood coolant system
- 24 volt control voltage
- Fast approach
- Specify voltage at the time of order (220/3HP, 440/3HP)
- One FMB cobalt bandsaw blade and operating manual

**TECHNIAL DATA:**

Cutting Capa	O Deg.	45 Deg. Right	60 Deg. Right	45 Deg. Left	60 Deg. Left
Round	12 ½”	12-1/2”	7-3/4”	10”	5-1/8”
Rectangle	12 ½” x 20”	10” x 14-1/2”	5-1/8” x 9”	7-3/4” x 10”	4” x 6”
Square	12 ½” x 12 ½”	10” x 10”	5-1/8” x 5-1/8”	7-3/4” x 10”	4” x 4”

- Blade Size 13’6” x 1¼” x .042”
- Blade Speeds 50 to 400 FPM
- Saw Motor 3 HP
- Hydraulic Motor 2 HP
- Coolant Motor 1/4 HP
- Floor Space 106” x 52”
- Machine Weight 1,870 lbs