



## Saturn Semi-Automatic

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

The Saturn offers semi automatic operation of the cutting cycle, complete with hydraulic clamping, positive hydraulic cutting pressure and auto return after the cutting cycle.

#### **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
- 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
- Infinite Variable Speed Motor Controlled via OMRON INVERTER
- Specify voltage at the time of order ( 220/3ph, 440/3ph)
- One FMB cobalt band saw blade and operating manual
- Vise Slides on Linear Guide Rails for easy setup of left and right mitre cuts

#### **Technical Data:**

<b>Cutting Capacity</b>	<b>0 Degree</b>	<b>45 Degree/Right</b>	<b>60 Degree/Right</b>	<b>45 Degree/Left</b>
Round	12”	10-1/4”	6-3/4”	11”
Rectangle A	12” x 14-3/4”	6” x 10-1/4”	10-1/2” x 6”	6” x 10-1/4”
Rectangle B	-	12” x 8-2/3”	6-1/4” x 6-3/4”	12” 9-3/4”
Square	12” x 12”	9-1/2” x 9-1/2”	6-1/4” x 6-1/4”	10” x 10”

- Blade Size 11’3” x 1” x .035”
- Blade Speeds Variable 52 to 394 FPM
- Saw Motor 2 HP
- Hydraulic Motor .5 HP
- Coolant Motor 1/8 HP
- Floor Space 38” x 63”
- Machine Weight 2180 lbs