

# QUOTATION

## BOMAR ProfiCut 275.230 DG - Manual Band Saw





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#### Description

The **BOMAR ProfiCut 275.230 DG** manual band saw features a heavy saw frame of vibration damping cast iron with a powerful 2-speed industrial saw drive. Due to the miter cutting capability in both directions this machine is the ideal workshop machine suitable for a wide range of applications.

Simple to adjust cutting angles together with the quick-clamping vise make the operation fast and easy. The 1" saw blade guided in precise carbide guides guarantees highest accuracy. The clamping vise can be moved left and right depending on the direction of the miter cuts.

The cutting force is achieved from the weight of the saw-head while the feed rate is controlled hydraulically from the conveniently located flow-control valve.

#### Features:

- Rigid Cast Iron Saw Head
- 2-speed saw drive
- Miter Cutting from -45° to 60°
- Carbide Saw Blade Guides
- Safety Switches on Band-wheel Door
- Blade Tension and Breakage Switch
- Machine Switches off after Finishing the Cut
- Integrated Coolant System
- Quick-Clamping Vise
- Saw Blade Guard
- Chip Brush

Specifications subject to change without notice. Not responsible for typographical errors. Machines may be shown with optional equipment.



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- Big Removable Chip Tray
- Ergonomic Design
- Simple Operation
- Including Mechancial Length Stop

### **Cutting Capacity:**

| $\begin{array}{c c} L60^{\circ} & R60^{\circ} \\ (-60^{\circ}) & (+60^{\circ}) \\ L45^{\circ} & R45^{\circ} \\ (-45^{\circ}) & 0^{\circ} & (+45^{\circ}) \end{array}$ |                |              |              |              |
|---|----------------|--------------|--------------|--------------|
| 0°  | Ø230 mm        | 275 x 200 mm | 250 x 230 mm | 230 x 230 mm |
|   | Ø <b>9</b> "   | 10.8" x 7.9" | 9.8" x 9"    | 9" x 9"      |
| 45°R  | Ø190 mm        | 190 x 160 mm | 180 x 230 mm | 190 x 190 mm |
|   | Ø <b>7.5</b> " | 7.5" x 6.3"  | 7.1" x 9"    | 7.5" x 7.5"  |
| 45°L  | Ø170 mm        | 185 x 100 mm | 90 x 230 mm  | 150 x 150 mm |
|   | <i>Ø</i> 6.7"  | 7.3" x 3.9"  | 3.5" x 9"    | 5.9" x 5.9"  |
| 60°R  | Ø120 mm        | 120 x 85 mm  | 120 x 85 mm  | 85 x 85 mm   |
|   | <i>Ø</i> 4.7"  | 4.7" x 3.4"  | 4.7" x 3.4"  | 3.4" x 3.4"  |

### Technical Data:

|                      | Metric | Imperial |  |
|----------------------|--------|----------|--|
| Min. Vise Opening    | 5 mm   | 0.2"     |  |
| Remnant Piece Length | 20 mm  | 0.78"    |  |
| Table Height         | 760 mm | 29.9"    |  |

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| Saw Band Dimensions | 2,720 x 27 x 0,9 mm     | 8' 11" x 1- 1/16" x 0.035" |  |
|---------------------|-------------------------|----------------------------|--|
| Drive Output        | 1.5 kW                  | 2 Hp                       |  |
| Cutting Speed       | 40 / 80 m/min           | 130 / 260 ft/min           |  |
| Dimensions: width   | 680 mm                  | 27"                        |  |
| length              | 1,400 mm                | 56"                        |  |
| height              | 1,270 mm                | 50"                        |  |
| Total weight        | 310 kg                  | 680 lbs.                   |  |
| Voltage             | 230 V / 60 Hz / 3-phase |                            |  |

### Roller Tables (optional):

The BOMAR M-type roller conveyor system is an inexpensive, modular system that comes in 6' 7" (2,000 mm) and 9' 10" (3,000 mm) long sections. The legs are height-adjustable from 29" (730 mm) to 44-1/2" (1,130 mm). Multilple sections can be connected to each other via the legs.

| Description  | Туре    | Length | Width | Rollers | Legs | Load Capacity  |
|--------------|---------|--------|-------|---------|------|----------------|
| Roller table | M 330-2 | 6' 7"  | 13"   | 7       | 2    | 100 lbs. / ft. |
| Roller table | M 330-3 | 10'    | 13"   | 11      | 2    | 100 lbs. / ft. |



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