

# Barnes Mark 1 Blademaster

**MOTOR OPTIONS:** 2.2 KW, 1.5 KW brake motor, 2.2 KW brake motor

**DRIVE:** Twin "V" belt reduction

**ELECTRICAL CONTROLS:**

24v switching control

3 switches: 1 push to start, 1 push to stop and 1 emergency latch-in stop button

**BLADE SPEED:**

3500 fpm

Optional speeds available on request

**BANDSAW BLADE:**

3600mm x 12mm x 3TPI

Optional 4 or 6 TPI

**BLADE GUIDES:**

Top and bottom guides are interchangeable

Tin plated steel with tungsten carbide blade back up

Removable for easy cleaning



**BLADE TENSIONING:** Fully automatic with blade tension maintained at all times

**WHEELS:**

Aluminium wheels are lightweight and corrosion resistant

Dynamically balanced for vibration free operation

Top wheel easily removed for cleaning

Automatic blade tensioning ensures true running of the blade at all times

Top wheel safety lock minimizes likelihood of wheel becoming dislodged from its supports in case of blade breakage

**CUTTING CLEARANCE:** 405mm high x 435mm wide

**CONSTRUCTION:**

Full stainless steel, smooth grain finish

Removable stainless steel top and bottom doors

**CUTTING TABLE:**

825mm x 865mm heavy duty 2.5mm stainless steel

Turned down edges for rigidity

Fully supported for heavy duty use

Heavy-duty nylon table insert promotes longer blade life

**GAUGE PLATE:**

Large 370mm x 150mm mounted on full stainless steel assembly

Easy adjustment ensures uniform thickness of cut

Easily removed for breakdown work and cleaning

**SAFETY FEATURES:**

Upper and lower wheels completely enclosed but readily accessible

Blade guarded above and below the cutting zone

Wrap around top blade guard

Fail to safe door interlocks ensure machine will not operate with doors in open position

Machine ceases operation within approximately 8 seconds of power being turned off

Waist high, front of table mounted, start and stop buttons

Latch in, twist to release, emergency stop switch (in emergency operator can lean against the machine to cease operation), button must be manually released to re-start machine

24 volt switching control

Adjustable polyurethane feet for maximum stability

Auto overload motor protection standard

**SANITATION:**

Smooth grain finish and radius corners, together with removable doors promotes ease of cleaning

Plastic, removable bone dust tray

Sealed motor compartment eliminates scrap entry

**DIMENSIONS:** 1945mm high 990mm x 890mm floor area

**SHIPPING WEIGHT:** 240 kg

**SHIPPING SIZE:** 100cm x 90cm x 204cm high