




Available in diameters of 12-100 mm and various cutting depth. Please call for full details!

# ProMag BROACHING CUTTERS


The success of ProMag broaching cutters is proven in their daily use in many kinds of applications throughout the world. By removing only the metal at the periphery of the hole and ejecting a solid slug at the end of the cut, less material is converted into chips, requiring much less power than conventional twist drills. The unique geometry of ProMag cutters also helps to achieve faster feed, lower cutting resistance, greater accuracy, longer tool life and a better finish.

Available in a wide variety of standard sizes in high speed steel and tungsten-carbide.

**PRO-MAG CUTTERS SIGNIFICANTLY REDUCE YOUR COST PER CUT!**



- Special sizes and materials available
- Arbors and adapters to fit virtually any machine
- Up to 6" depth of cut
- Up to 6" diameter made to order





ProMag  
MAGNETIC DRILLS & CUTTERS

THE NEW RANGE OF PRO-MAG MAGNETIC DRILLING MACHINES REPRESENTS THE FOREFRONT IN DESIGN INNOVATION AND COMPACT USE



COB  
INDUSTRIES, INC.



# ProMag

Put Pro-Mag into operation and you can be assured to complete twice as much work in half the time. And Pro-Mag is made to last - constructed from rugged high alloys using state-of-the-art CAD/CNC to fine tolerances. At COB Industries, we are committed to continuous research and development - every machine introduced is bench tested to destruction, in every instance this exceeds the expected lifetime of the machine ten fold. All manufacturing is rigorously managed to the highest quality control, and all Pro-Mag annular cutters are produced within a BS5750 environment. To complete the “HOLE” story, call us at toll free 1-800-431-1311.



**H SERIES MODEL H1332**  
The Pro-Mag “H” Series is in a class of its own. Weighing only 34 lbs. (16 kg), it is the most powerful machine of its size on the market. A powerful 720 watt motor and newly developed super powerful, high density electromagnetic base, give it exceptional magnetic adhesion and strength to weight ratio.

- FEATURES:
- 34 lbs. (13kg). lightweight, massive strength to weight ratio
  - Improved non-stick brass slide strip adjustment
  - Double insulated, high quality pre-tested electrical components
  - Automatic oil-feed to arbor

SPECIFICATIONS	
Motor: Hitachi D13	Speed: 550 Rpm.
Height: 12” (300mm)	Voltage: 110/220/240
Width: 4” (100mm)	Milling 1 1/4” (32mm)
Length: 11” (275mm)	Capacity: Drilling 1/2”
Weight: 34 lbs. (16kg)	Magnetic Adhesion: 3850 lbs (1750kg)
Power: 750 Watts	Chuck Capacity: 1/2” (13mm)



**E SERIES MODEL 38/100**  
The ProMag “E” Series Magnetic Drill Press comes with a dual gear variable speed motor for drilling holes up to 1-1/4” (32mm) and milling holes up to 4” (100mm) diameters. It is powered with the durable and reliable Eibenstock motor. The ProMag “E” series also features a spring loaded ball fitted to the base for accurate repositioning on the work surface with ut having to lift the unit.

- FEATURES:
- 58 lbs. (26 kg.) light weight massive strength to weight ratio.
  - Double insulated, high quality pre-tested electrical components..
  - Equipped with the new “Quick Lock” cutter holder.

SPECIFICATIONS	
Motor: Eibenstock	Speed: 40-130/145/430 Rpm
Height: 20” (505mm)	Voltage: 110 or 230
Width: 5 1/4” (135mm)	Twist Drill Capacity: 32mm (3MT)
Length: 14 3/4” (375mm)	Cutter Capacity: 12-100mm
Weight: 58 lbs. (26kg)	Magnetic Adhesion: 4092 lbs (1860kg)
Power: 1850 Watts	Chuck Capacity: 3/4” (20mm)



**A SERIES MODEL A32/85**  
The Pro-Mag “A-Series” is a heavy duty, high-torque master drilling/milling machine powered by the famous AEG B4/32, 4-speed motor unit. The unit delivers just the right speed to suit materials being milled or drilled. Because it features a spring-loaded roller ball fitted to the base, this machine can be accurately repositioned on the work surface.

- FEATURES:
- Powerful 4-speed motor unit
  - Spring-loaded roll ball on base for readjustment
  - 56 lbs (25kg) compact unit for one man operation

SPECIFICATIONS	
Motor: AEG B4/32	Speed: 115/160/190/260 Rpm.
Height: 20” (500mm)	Voltage: 110/220/240
Width: 5 3/8” (135mm)	Milling 3 3/8” (85mm)
Length: 12 3/4” (320mm)	Capacity: Drilling 1 1/4” (32mm)
Weight: 56 lbs. (25kg)	Magnetic Adhesion: 4520 lbs (2050kg)
Power: 1600 Watts	Chuck Capacity: 3/4” (20mm)



**SERIES PRO-TAP**  
The “A-Series” Pro-Tap is one of the only 4-speed machines to develop the constant power and speeds required for tapping holes up to 1 1/4” (30mm) in diameter. The built-in electronic control, when switched to reverse, stops for a pre-set time for added mechanical projection. It is powered by the high torque, low rpm AEG B4/32 motor unit. The “A-Series” Pro-Tap also features a spring loaded roller ball.

- FEATURES:
- Powerful 4-speed motor unit stops for pre-set time prior to operating reverse
  - 56 lbs (25kg) compact unit for one man operation
  - Flash tested to 4000 volts
  - Safety relay switches stop motor if base is not connected

SPECIFICATIONS	
Motor: AEG B4/32	Speed: 115/160/190/260 Rpm.
Height: 20” (500mm)	Voltage: 110/220/240
Width: 5 3/8” (135mm)	Milling 3 3/8” (85mm)
Length: 12 3/4” (320mm)	Capacity: Drilling 1 1/4” (32mm)
Weight: 56 lbs. (25kg)	Magnetic Adhesion: 4520 lbs (2050kg)
Power: 1600 Watts	Chuck Capacity: 3/4” (20mm)

**GENERAL FEATURES:**

- Standard equipment with each kit includes a fitted metal or plastic carrying case plus tool, safety kit, oil and applicator
- Each press is equipped with a new Electromagnetic super high-density base unit for unsurpassed adhesion
- Ergonomically designed handles for ease of use and side handles can be fitted to both sides of machine. All units have the highest quality, pre-tested, double insulated electrical components
- All units are flash-tested to 4000 volts engaged
- The motor on each unit will stop automatically if power supply is interrupted. Only the operator can reset to restart the unit
- All units available in 110/220/240 volts

**SWIVEL FEATURES**

The Swivel Pro-Mag base provides machines powered by the Casals TN23/2VCE and the AEG B4/32 4-speed motor unit. Both play a distinct role providing specialist drilling and milling operations, while offering the increased flexibility of the swivel base.

**PRO-MAG BASE P16**  
Stroke: 17 3/8” (185mm)  
Height: 12 3/8” (310mm)  
Length: 9 3/8” (235mm)  
Width: 4 1/8” (110mm)  
Weight: 17 1/2 lbs. (8kg)  
Voltage: 110/120/220/240 40 V.  
Magnetic Adhesion: 3900 lbs (1750kg)

This stand accepts motor units with No 2 Morse Taper and provides a drilling capacity for holes up to 1” (23mm) in diameter.

**PRO-MAG BASE P13**  
Stroke: 10” (254mm)  
Height: 18 3/4” (470mm)  
Length: 10 3/4” (270mm)  
Width: 5 1/4” (130mm)  
Weight: 33 lbs. (14.5kg)  
Voltage: 110/120/220/240 40 V.  
Magnetic Adhesion: 3900 lbs (1750kg)

A lightweight, but heavy duty stand which accepts motor units with No. 2 Morse Taper and provides a drilling capacity for holes up to 1” (23mm) in dia.

**PRO-MAG BASE P32**  
Stroke: 10” (254mm)  
Height: 19 1/4” (470mm)  
Length: 12 3/4” (320mm)  
Width: 5 1/3” (135mm)  
Weight: 38 lbs. (17.25kg)  
Voltage: 110/120/220/240 40 V.  
Magnetic Adhesion: 4500 lbs (2050kg)

This stand combines heavy duty applications with rugged strength. It provides the capacity to fit large motor units whicch use No. 3 Morse taper for drilling holes up to 1 1/4” (32mm) in dia.