

BD 35 PORTABLE MAGNETIC DRILL PRESS -

1-3/8" Max Diameter / 2" Max Depth of Cut

Features:

- BLACK & DECKER Motor • Patented QuickHitch arbor. • Change cutters in seconds - no more Allen® keys or grub screws. • Powerful new lightweight motor. • Integrated automatic oil-feed lubrication system. • Cuts up to 35mm diameter and 50mm deep. • Twist Drill Capacity: 1/2" • High power magnet. • Electronic controls with safety interlocks and audible warnings.

Accessories:

- safety guard • safety strap • oil • plastic carrying case

Technical Specifications:

- Power: 2HP / Electric Motor: 960 watts, 120V AC, 8 amps
- Speed (No Load): 550 RPM / Height: 15" (down position)
- Weight: 28 lbs. / Magnet Dimensions: 6-3/4" x 3-1/8" x 2"
- Stroke: 4-3/4" / Cutting Thickness 1/2"-2"
- Available Adapter for Twist Drilling: UP 053, 1/2" chuck and key
- Replacement Arbor: QH-110

Order No.	Price
7950935	



EQ 35 PORTABLE MAGNETIC DRILL PRESS -

1-3/8" Max Diameter / 2" Max Depth of Cut

Features:

- Patented QuickHitch arbor. • Change cutters in seconds - no more Allen® keys or grub screws. • Powerful new lightweight motor. • Integrated automatic oil-feed lubrication system. • Cuts up to 1-3/8" diameter and 2" deep. • Twist Drill Capacity: 1/2" • High power magnet. • Electronic controls with safety interlocks and audible warnings.

Accessories Included:

- safety guard • safety strap • oil • plastic carrying case

Technical Specifications:

- Power: 2HP / Electric Motor: 960 watts, 120V AC, 8 amps
- Speed (No Load): 550 RPM / Height: 15" (down position)
- Weight: 28 lbs. / Magnet Dimensions: 6-3/4" x 3-1/8" x 2"
- Stroke: 4-3/4" / Cutting Thickness 1/2" - 2"
- Available Adapter for Twist Drilling: UP 053, 1/2" chuck and key
- Replacement Arbor: QH-110

Order No.	Price
7950035	



EQ 50 ELECTROMAGNETIC DRILL PRESS -

2" Max Diameter / 2" Max Depth Cut

Features:

- New patented QuickHitch arbor.
- Change cutters in seconds - no more Allen® keys or grub screws.
- Powerful new lightweight 2-speed motor.
- Integrated automatic oil-feed lubrication system.
- Cuts up to 2" diameter and 2" deep.
- Twist Drill Capacity: 3/4"
- High power magnet.
- Electronic controls with safety interlocks and audible warnings.

Accessories Included:

- safety guard • safety strap • plastic carrying case

Technical Specifications:

- Power: 1.5HP / Electric Motor: 1100 Watts, 110VAC, 9 amps
- Speed (No Load) 280/500 RPM / Height: 15-1/2"
- Weight: 40 lbs. / Magnet Dimensions: 7-1/8" x 4" x 2-3/8"
- Magnet Adhesion: 2000 lbs. / Stroke: 6-5/8"
- Morse Taper: 2 / Cutting Thickness: 1/2"-2"
- Available Adapter for Twist Drilling: UP 252, MT to 5/8" chuck adapter / UP 054 5/8" chuck and key
- Replacement Arbor: QH-210

Order No.	Price
0950050	



(Continued)

PORTABLE MAGNETIC DRILLS (Continued)



EQ 100 ELECTROMAGNETIC DRILL PRESS -

4" Max Diameter / 3" Max Depth of Cut

Features:

- New patented QuickHitch arbor.
- Change cutters in seconds - no more Allen® keys or grub screws.
- Powerful new lightweight 2-speed motor.
- Integrated automatic oil-feed lubrication system.
- Cuts up to 4" diameter and 3" deep.
- Twist Drill Capacity: 1-1/2"
- High power magnet.
- Electronic controls with safety interlocks and audible warnings.

Accessories Included:

- safety guard • safety strap • plastic carrying case

Technical Specifications:

- Power: 1.5 HP / Electric Motor: 1880 Watts, 110V AC, 10.6 amps
 - Speed (No Load): 40-130 RPM; 145-430 RPM / Height: 21" (down position) / Weight: 58 lbs.
 - Magnet Dimensions: 7-1/2" x 4" x 2-1/2"
 - Magnet Adhesion: 4000 lbs. / Stroke: 10-1/4" / Morse Taper: 3
 - Cutting thickness: 1/2"-3"
- (Up to 6" depth of cut can be achieved. Please call sales department to discuss application)
 Available Adapter for Twist Drilling: UP 253, MT3 to 5/8" chuck adapter; UP 054, 5/8" chuck and key / UP 256 MT3 to 3/4" to chuck adapter
- Replacement Arbor: QH-310

Order No.	Price
0950100	



CUTTING TOOLS - DRILLS

ANNULAR CUTTER & MAGNETIC DRILL ACCESSORIES - by UNIBOR



Description	Order No.	Price
Model No.: UP 102, 500mL Coolant	7955102	
Model No.: UP 103, 5L Coolant	7955103	
Cobalt Steel 6 pc. Set 1" Depth (9/16", 5/8", 11/16", 3/4", 13/16", 15/16")	7955005	
Model No.: UP 053, 1/2" Drill Chuck & Key	7955053	
Model No.: UP 054, 5/8" Drill Chuck & Key	7955054	
Model No.: UP 055, 3/4" Drill Chuck & Key	7955055	
Model No.: UP 252, MT2 Chuck Adapter	7955252	
Model No.: UP 253, MT3 Chuck Adapter for 5/8" Chuck	7955253	
Model No.: UP 256, MT3 Chuck Adapter for 3/4" Chuck	7955256	
Model No.: UP 210, Standard MT2 Arbor	7955210	
Model No.: UP 310, Standard MT3 Arbor	7955310	
Model No.: UP 410, Standard MT4 Arbor	7955410	
Model No.: UP 317, MT3 Extended Arbor	7955317	
Model No.: ARBOIL 2, MT2 Arbor w/ Coolant Feed	7955200	
Model No.: ARBOIL 3, MT3 Arbor w/ Coolant Feed	7955300	
Model No.: UP 000, 1/2" Chuck to Annular Chucks Adapter	7955000	
Model No.: UP 001, 3/4" Milling Machine Adapter 3/4" Weldon Shank	0955001	
Model No.: UP 002, R8 Collet Adapter to 3/4" Weldon Shank	0955002	
Model No.: UP 320, Special MT3 Arbor, 1-1/4" Standard Shanks, for Industrial Machine Centers can be used on E100/32	7955320	
Model No.: UP 101, Pipe Drill Attachment	7955101	





PORTABLE MAGNETIC DRILLS



MODEL ECO-32 / ECO-32T

(WITH REVERSE FOR TAPPING)

- A compact height of 14-1/4" allows drilling in tight spaces.
- The lightest mag. drills in their class, weighing only 24 lbs.
- Stronger motors: 8.2 Amp for Model ECO.32 or 9.5 Amp for Model ECO .32T.
- New dual coil magnet has a holding strength of 2,640 lbs.

ECO.32 and ECO.32-T, combine the smallest height in a magnetic drill with the greatest power. For tapping applications use ECO.32-T with a reversible motor. Drill up to 1-1/4" diameter holes with annular cutters or easily convert to a standard drill press with a 1/2" chuck for conventional twist drills.



MODEL ECO-80AK

HIGH TORQUE MOTOR WITH CUTTER CAPACITY TO 3-3/16" DIA.

- Powerful, high torque 15 Amp motor.
- 4-speed gearbox - (100/175/245/385 RPM)
- Mechanical slip clutch disconnects the transmission in case of overload.
- Cutting capacity up to 3-3/16" dia.
- Solid Twist drill cap. up to 1-1/4" dia.
- Automatic cooling/lubrication system.
- New dual coil magnet has a pulling power of 7,040 lbs.
- High quality safety relay circuit.
- Reset safety in case of power failure.

The ideal machine for a wide range of hole sizes. Multiple speeds allow the operator to match the cutter diameter to the correct RPM. This increases tool life and helps to prevent cutter breakage.

Drills up to 3-3/16" diameter holes with annular cutters or easily converts to a standard drill press with a 5/8" chuck or MT for twist drills.



Standard Equipment

- Carrying Case • Hex Keys • Safety chain & hook

Standard Equipment

- Internal Oiler & Oil Bottle Assembly
- Carrying Case • Hex Keys • Safety Chain & Hook

Model No.	Order No.	Price
ECO-32	5080320	
ECO-32T	5080325	
ECO-80AK	5080800	

Technical Specifications	ECO.32	ECO.32-T	ECO-80AK
Height	14-1/4"	14-1/4"	19-1/2"
Width	4-3/8"	4-3/8"	7-3/8"
Length	9-1/2"	9-1/2"	13-3/8"
Magnet Base	6-5/16" X 3-1/4"	6-5/16" X 3-1/4"	9-1/4" X 4-1/2"
Motor (110V)	8.2 Amp	9.5 Amp	15 Amp /110V (Available In 220V)
Arbor Size	3/4"	3/4"	3/4"
Hole Capacity	1-1/4" Diameter	1-1/4" Diameter	3-3/16" Diameter
Twist Drill Capacity	1/2" Diameter	1/2" Diameter	1-1/4" Diameter (MT3)
Tapping Capacity	-----	1/4" - 3/4"	-----
No Load Speed	600RPM	100 - 450RPM	100/175/245/385 RPM
Magnet Force (1" Plate)	2,640 Lbs	2,640 Lbs	7,040 Lbs
Weight	24 LBS	24 LBS	57 LBS

ANNULAR CUTTER & MAGNETIC DRILL ACCESSORIES

(COOLANT / ARBORS / DRILL CHUCKS)



Model No.	Description	Order No.	Price
IBO.20Q	(quart / liter) High Alloy Cut Oil, chlorine free (not necessary to dilute with water)	7170310	
IBO.20G	(gallon / 5 liter) High Alloy Cut Oil	7170320	
CS7010-504	gallon Prolube Liquid, water soluble 16:1	7170330	
CS7020-000	14.5oz Prolube Solid push tube	7170340	
CS7030-712	12oz Prolube Paste push tube	7170350	
IBK-17	1/2" Jacob Chuck with 1/2" -20 ID Thread (for ECO-32 Series)	7170110	
IBK-21	3/4" Jacob Chuck with MT3 shank (for ECO-80)	7170100	
MC.2MT2	3/4" Arbor Bore, Manual Cooling	7170150	
IMC.20MT2	3/4" Arbor Bore, Automatic Cooling	7170160	
IMC.2QMT2	Quick-Lock 3/4" Arbor with Automatic Cooling	7170170	
MC.3MT3	3/4" Arbor Bore, Manual Cooling	7170180	
IMC.30MT3	3/4" Arbor Bore, Automatic Cooling	7170190	
IMC.3QMT3	Quick-Lock Arbor with Automatic Cooling, for 3/4" dia. shank cutters	7170200	
IMC.30-75	MT3 for 3" Depth, 3/4" Arbor Bore with Oiler	7170210	
IMC.30/32	MT3 1-1/4" Arbor Bore, Automatic Cooling	7170220	
7-9-500	R8 x 1-3/4" L Arbor Bore	7170230	
7-9-506	R8 x 6" L x 3/4" Arbor Bore	7170250	
7-9-700	R8 x 2-3/4" L x 1-1/4" Arbor Bore	7170260	
7-9-906	6" Cutter Extension Holder, 6" L, 3/4" shank, (for use in Magnetic Drills)	7170270	
7-9-912	12" Cutter Extension Holder, 12" L, 3/4" shank, (for use in Magnetic Drills)	7170280	
7-9-100	2-1/8" Cutter Extension Holder, 2-1/8" L, 1/2" shank (3 flats, for use in Drill Chucks)	7170290	
7-9-200	2" Cutter Extension Holder, 2" L, (3 flats, 3/4" shank (3 flats, for use in Drill Chucks)	7170300	
PAK-100	Pipe Clamp Saddle, for pipe diameters 3-1/4" to 10" OD	7170120	
PAK-200	Pipe Clamp Saddle, for pipe diameters 6" to 20" (larger on request)	7170130	