

# Portable Manual Drilling Machine for HSS Annular Cutters

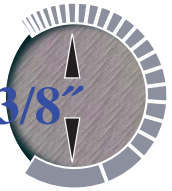


# ATRAACE



## ATRAACE UO-3500 Max. 1-3/8"

Designed to use Hibroach High Speed Steel Annular Cutters



### Features

- 1-3/8" x 2" hole drilling capacity
- Lightweight 31 lb. design
- Designed to use Hibroach HSS annular cutters
- One (1) horsepower 400 rpm motor
- Reversible feed shaft assembly for left or right operation
- Sealed through spindle coolant system
- Self contained in-frame coolant reservoir
- Built-in motion detection sensor
- One touch arbor system "No tools required for cutter installation and removal"
- Precision machined die cast aluminum mainframe, motor, motor slide and arbor support bracket
- One year limited warranty



Uses Hibroach High Speed Steel Annular Cutters

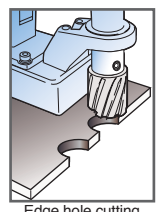
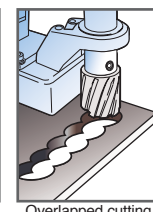
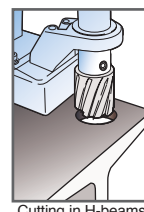


### Specifications

<b>Model</b>		UO-3500	
<b>Power Source</b>		110-120V	
<b>Drill Motor</b>	<b>Power Consumption</b>	W	680
	<b>Rated Current</b>	A	6
	<b>No load Speed</b>	rpm	400
<b>Magnet Power Consumption</b>		W	32
<b>Drilling capacity</b>	<b>Cutter</b>	<b>Diameter</b>	<b>Material Thickness</b>
	Hi-Broach High Speed Steel	1-3/8"	2" max
<b>Twist Drill Capacity</b>	inch	1/2"	
<b>Magnet Holding Power</b>	lbs.	2,023	
<b>Magnet Dimensions</b>	inch	3-5/32" x 6-3/8"	
<b>Maximum Stroke</b>	inch	3-3/4"	
<b>Weight</b>	lbs.	31	

### Standard accessories

- Pilot pin #UEA0825-0
- Spanner
- 3 mm Allen wrench
- 5mm Allen wrench
- Safety chain
- Coolant sample
- Side handle
- 3 Feed handles
- Chip guard
- Molded plastic carrying case



**BORING**

# Portable Manual Drilling Machine

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## Manual Feed

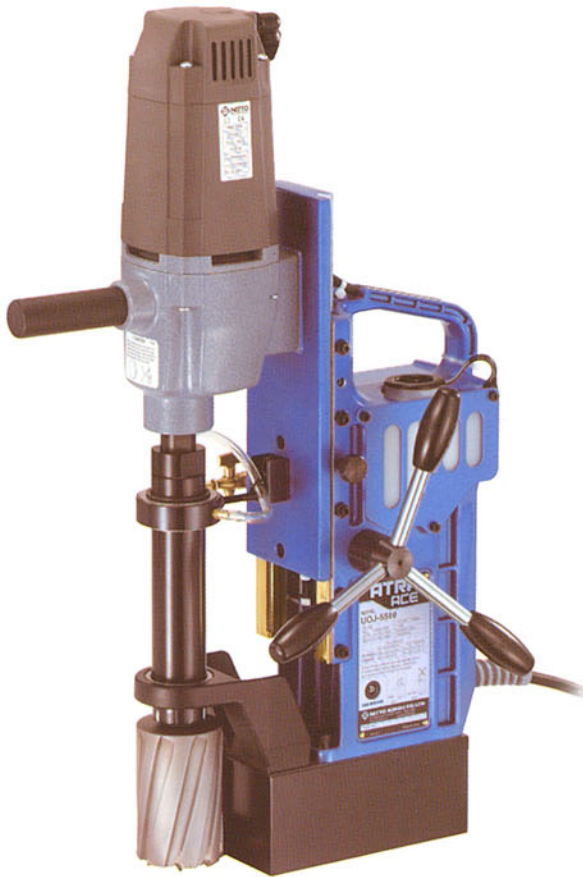


# ATRAACE

# UOJ-5500 Max. 2-3/16"



Designed to use **Jetbroach** Carbide Tipped Annular Cutters  
The world's first manual feed with "Smart-Stop / Rapid-Restart" Technology



### Features

- 2-3/16" x 3" hole drilling capacity
- Uses **Jetbroach** carbide tipped annular cutters
- Light weight 39.6lbs
- Powerful two speed motor with 350/650 rpm gear box
- Sealed arbor with through spindle coolant
- Built-in coolant reservoir
- Overload indicator
- Gradual overload sensor
- Rapid Restart mechanism
- One-Touch arbor system "No tools required for cutter installation and removal"
- Built-in circuit prevents accidental restart

### Specifications

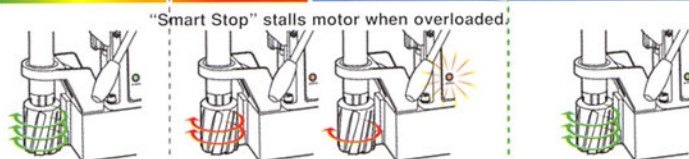
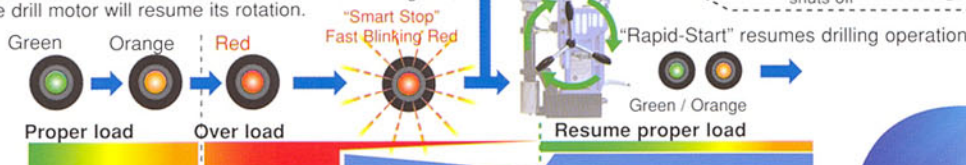
Model		UOJ-5500
Power Source (Single Phase)		115V AC 50 / 60 Hz
Electric Drill	Rated Power Consumption	W 1,150
	Rated Current	A 10.8
	No load Speed	min <sup>1</sup> (rpm) 350 / 650
Magnet Power Consumption		W 50
Capacity	Hole Diameter	2-3/16" max
	Depth of Cut	3" max
Magnet Holding Power		lbs. (kgf) 2,249 (1,022)
Magnet Dimensions		inch (mm) 3-3/8" x 6-11/16" (86 x 170)

### Standard Accessories

- 2" Pilot pin #UEA0850-0
- 3 mm Allen wrench
- 5 mm Allen wrench
- 8 x 10 mm Combination wrench
- Sample cutting fluid
- Safety chain
- Side handle

### Load detector with "Smart-Stop / Rapid Restart" technology

As the drilling load increases, the load indicator will change in color from green to orange to red. In addition, if excessive feeding force is applied, the load indicator will rapidly blink red and the rotation of the drill motor will slow down and temporarily stop. If the load is released while the load indicator is blinking red, the drill motor will resume its rotation.



### Slow Blinking Green



### Safety Mode

#### Motion sensor active



#### Magnet malfunction

