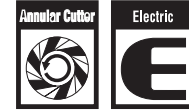


# Portable Fully Automatic Drilling Machine

# ATRAACE

Quick Auto



# ATRAACE QA-4000 Max. 1-9/16"

**QUICK AUTO** Drills Increase Productivity and Reduce Hole Drilling Cost



## Features

- 1-9/16" x 1-3/8" hole drilling capacity
- Fully automatic feed mechanism with power return
- Step feed feature optimizes cutter penetration
- Load detection system monitors and regulates motor speed and cutting feed
- Overload stop detection system helps prevent motor and cutter damage
- Sealed arbor system with through spindle coolant
- Built-in motion detection sensor
- Powerful 750 watt motor
- 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
- Chip breaker prevents schwarf and chip nesting
- One year limited warranty



## Specifications

<b>Model</b>	QA-4000		
<b>Power Source (Single Phase)</b>	115 V AC 50 / 60 Hz		
<b>Electric Drill</b>	<b>Rated Power Consumption W</b>	680	
	<b>Rated Current A</b>	6.1	
	<b>No load Speed min<sup>-1</sup>(rpm)</b>	750	
<b>Magnet Power Consumption W</b>	50		
<b>Hole-cutting capacity</b>	<b>Cutter</b>	<b>Hole Diameter</b>	<b>Plate Thickness</b>
	One-touch type Jetbroach 1-3/8" D.O.C.	11/16" to 1-9/16"	3/8" to 1-3/8"
<b>Magnet Holding Power</b>	lbs (kgf)	1,498 (680)	
<b>Magnet Dimensions</b>	inch (mm)	3-1/4"x6-13/16" (82x172)	
<b>Mass (Weight)</b>	lbs (kg)	41 (18.5)	

## Standard Accessories

- 1-3/8" pilot pin #UEA0835-0
- Sample cutting fluid
- 3 mm allen wrench
- 4mm allen wrench
- Motor-side handle
- 8 x 10 mm combination wrench
- Safety chain
- Tool box

## Load Detection System

Optimizes Hole Drilling

### • Load Detector Display

Our load detector clearly shows the amount of resistance on the cutter at anytime.

### • Automatic Microcomputer Feed Rate Adjustment

The feed speed on our automatic machines is controlled by an on board microcomputer. The feed rate begins slowly and then increases to the appropriate speed for the cutter size and load condition.

### • Automatic Stop Feature

When an abnormally large load is placed on the cutter, the feed motor stops automatically to prevent the cutter from becoming overloaded and breaking.

# Portable Fully Automatic Drilling Machine

**BORING**

# ATRAACE

Quick Auto



# ATRAACE QA-5000

Quick Auto Max. 2"



### Features

- Large \*2" x 2" hole drilling capacity
- Fully automatic feed mechanism with power return
- Step feed feature optimizes cutter penetration
- Load detection system monitors and regulates motor speed and cutting feed
- Sealed arbor system with through spindle coolant
- Built-in motion detection sensor
- Powerful 1010 watt motor with two speed 400/750 rpm gear box
- 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
- Chip breaker prevents schwarf and chip nesting
- One year limited warranty

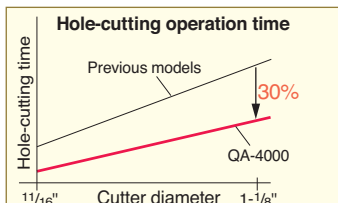
### Specifications

<b>Model</b>		QA-5000	
<b>Power Source (Single Phase)</b>		115 V AC 50 / 60 Hz	
<b>Electric Drill</b>	<b>Rated Power Consumption W</b>	1,010	
	<b>Rated Current A</b>	9.0	
	<b>No load Speed min<sup>-1</sup>(rpm)</b>	400 / 750	
<b>Magnet Power Consumption W</b>		75	
<b>Hole-cutting capacity</b>	<b>Cutter</b>	<b>Hole Diameter</b>	<b>Plate Thickness</b>
	One-touch type Jetbroach 2" D.O.C.	11/16" to 2"	3/8" to 2"
	One-touch type Jetbroach 1-3/8" D.O.C.	11/16" to 1-9/16"	3/8" to 1-3/8"
<b>Magnet Holding Power lbs (kgf)</b>		2,200 (1,000)	
<b>Magnet Dimensions inch (mm)</b>		3-15/16"x7-15/16" (100x200)	
<b>Mass (Weight) lbs (kg)</b>		57 (26)	

\*Can be modified to accept 3" Depth of Cut cutters. Consult factory.

### Quick Autos Reduce Drilling Time!

Because of our exclusive automatic-feed mechanism, total drilling time is 30% less than older style manual feed magnetic drills. Our automatic drills constantly monitor resistance on the cutter and adjust feed rates accordingly. Ultimately holes are cut as quickly and efficiently as possible while maintaining cutter life.



### Standard Accessories

- 1-3/8" Pilot pin #UEA0835-0
- 2" Pilot pin #UEA0850-0
- Sample cutting fluid
- 3 mm Allen wrench
- 8 x 10 mm Combination wrench
- Motor-side handle
- Molded plastic carrying case
- Safety chain

# Portable Fully Automatic Drilling Machine

## Applications:

On-site hole-cutting in steel plates H-Beams, shapes, shaped bars, framework, and other machinery, shipbuilding, bridges and structures, etc. steel reinforcements and construction materials (ASTM A36 equivalent).



# ATRAACE QA-6500 Max. 2-9/16"

Quick Auto



## Features

- Extra large \*2-9/16" x 2" hole drilling capacity
- Fully automatic feed mechanism with power return
- Step feed feature optimizes cutter penetration
- Load detection system monitors and regulates motor speed and cutting feed
- Sealed arbor system with through spindle coolant
- Built-in motion detection sensor
- Powerful 220 volt motor with two speed 400/750 rpm gear box
- 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
- Chip breaker prevents schwarf and chip nesting
- One year limited warranty



## Specifications

<b>Model</b>	QA-6500		
<b>Power Source (Single Phase)</b>	220 V - 240 V AC 50 / 60 Hz		
<b>Electric Drill</b>	<b>Rated Power Consumption W</b>	1,010	
	<b>Rated Current A</b>	4.5	
	<b>No load Speed min<sup>-1</sup>(rpm)</b>	400 / 750	
<b>Magnet Power Consumption W</b>	75		
<b>Hole-cutting capacity</b>	<b>Cutter</b>	<b>Hole Diameter</b>	<b>Plate Thickness</b>
One-touch type Jetbroach 2" D.O.C.		11/16" to 2-9/16"	3/8" to 2"
One-touch type Jetbroach 1-3/8" D.O.C.		11/16" to 1-9/16"	3/8" to 1-3/8"
<b>Magnet Holding Power</b>	lbs (kgf)	2,200 (1,000)	
<b>Magnet Dimensions</b>	inch (mm)	3-15/16"x7-15/16" (100 x 200)	
<b>Mass (Weight)</b>	lbs (kg)	57 (26)	

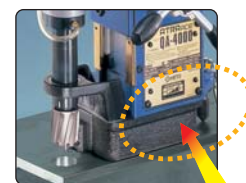
\*Can be modified to accept 3" Depth of Cut cutters. Consult factory.

## Standard Accessories

- 1-3/8" Pilot pin #UEA0835-0
- 2" Pilot pin #UEA0850-0
- Safety chain
- 3 mm Allen wrench
- 4 mm Allen wrench
- 8 x 10 mm Combination wrench
- Sample cutting fluid
- Tool box

## Exclusive Automatic Emergency Stop Feature!

Nitto Kohki was the first company to introduce the automatic stop feature onto magnetic base drills. This feature automatically stops the drill from operating when sudden lateral force is detected.



Built-in acceleration sensor inside