



MANUAL

AO-5575A

ENHANCED PRODUCTIVITY AND SAFETY

FEATURES

- Manual feed
- For smooth cutting of deep and large holes
- A real work horse
- New powerful single speed motor 520rpm
- 1020 kg/f double rectangular magnet
- Cuts up to 55mm \varnothing thru 75mm plate
- One-touch arbor
- Supplied in sturdy carry case

ADVANCED SAFETY SYSTEM

Fresh compact design that answers the customer's needs

From the extremely efficient electro-magnet to the reversible feed handles, the AO-5575A ATRA adapts to more user needs while offering safety where its needed most. Original Hibroach cutters drastically shorten drilling time when compared to similar sized conventional twist drills. Optional chuck allows the use of up to 13mm twist drills to be inserted.

Built-in motion sensor

If any lateral movement or excess vibrations detected, the drill stops instantly. Nitto Kohki are the first company to incorporate this feature into magnetic base drills.

Over-load Shutdown

When excessive load is detected during the drilling process, the drill motor will automatically shutdown protecting itself from damage. Once overloaded, the motor 'Start' switch is required to be depressed to resume drilling.

Fail-safe Restart

In the event of a power loss while drilling, the drill will not restart even after power is resupplied. The motor 'Start' switch is required to be depressed to resume drilling.

Magnet Open-Circuit Sensor

The drill will not start if the magnet fails to energize due to an open field or faulty wire.

ANNULAR CUTTERS

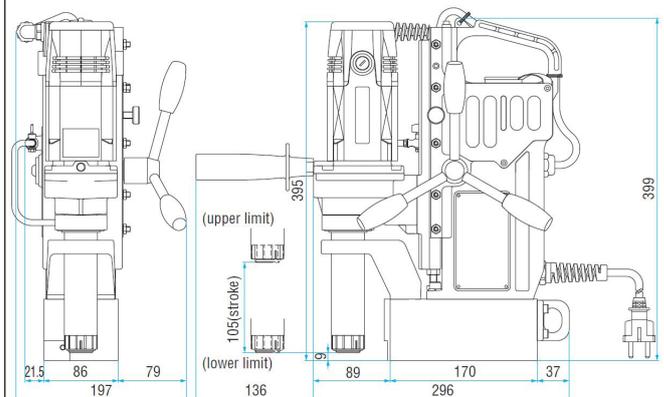
Broach cutters are far more efficient than twist drills

Nitto Kohki Atra Ace magnetic drills combined with **HIBROACH** and **JETBROACH** annular cutters provide faster, cost-effective cutting and better hole finishes than conventional twist drills.



DIMENSIONS

AO-5575A
Unit : mm

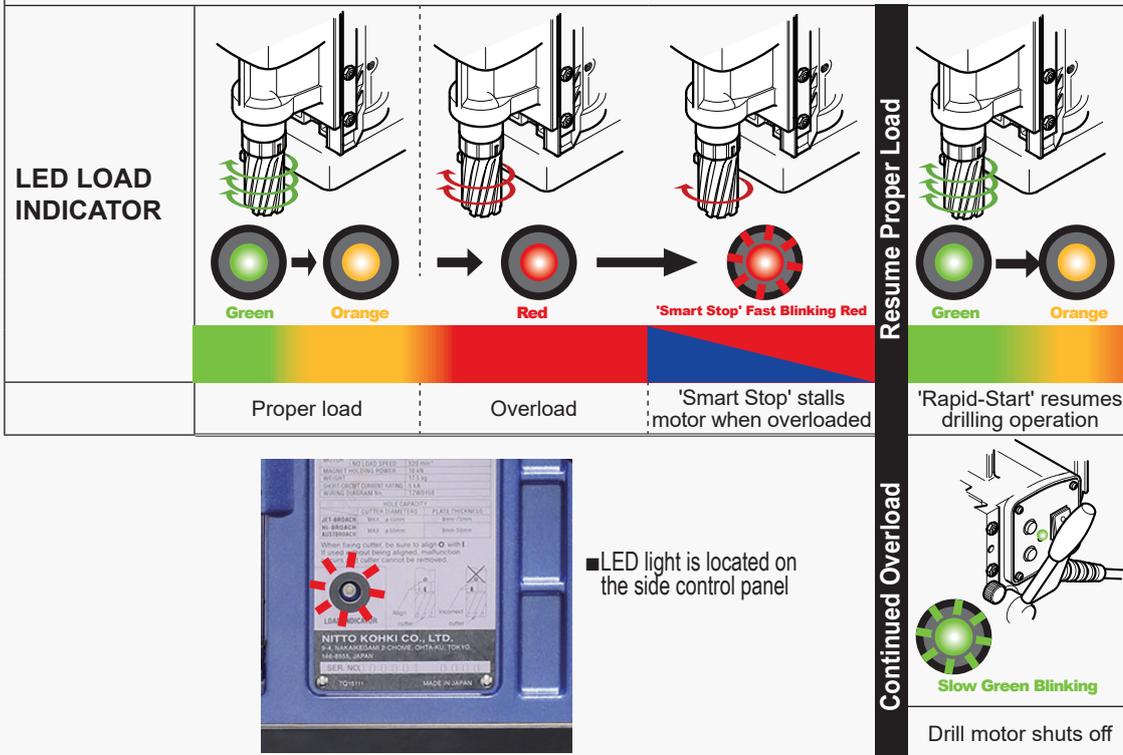


Model No.	Power Source	Rated Power Consumption	No Load Speed	Hole Diameter	Plate Thickness	Magnet Holding Power	Weight
AO-5575A	220~240V AC 50/60HZ	950W	520rpm	12 - 55mm	9 - 75mm	1,020 kg/f	17.5kg

MAGNETIC BASE DRILL

LED load detector with 'Smart-Stop / Rapid-Restart' Technology

■ Load detection with 'Smart-Stop / Rapid-Restart' Technology



Built-In Coolant Tank

- Possible damage to the coolant tank is prevented with this built-in coolant tank feature.



New Lighter Model

- New motor and gearbox design for optimum speed for cutters from 12 - 55mm diameter.



Optional Items

HIBROACH

- High Speed Steel One-Touch Type (25mm and 50mm depth of cut)



JETBROACH

- TCT Carbide Tipped Cutters (25mm, 35mm, 50mm & 75mm depth of cut)



Always use Genuine Nitto Kohki Cutters

KEY FEATURES



MACHINE TOOLS