

WO-3250A MANUAL

VERSATILE HEIGHT ADJUSTMENT FEATURES

- Manual feed
- New generation magnetic base drill helps meet productivity and safety goals
- New improved overload protection with LED indicator
- Advanced motor design
- Magnet switch protector
- Cuts up to 32mm ϕ thru 50mm plate
- Unique design allows easy conversion for use of twist drills up to 13mm diameter
- Complete with coolant system
- 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 height adjustable frame with reversible feed handles, the WO-3250A 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.

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

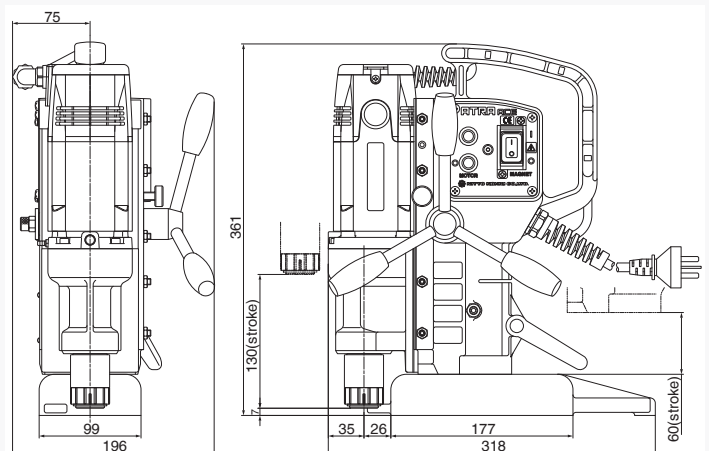
Broach cutters are far more efficient than twist drills

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.

(Please see pages 19-27 for our annular HSS Cutter range and compatibility tables)

Item Number: 016807403

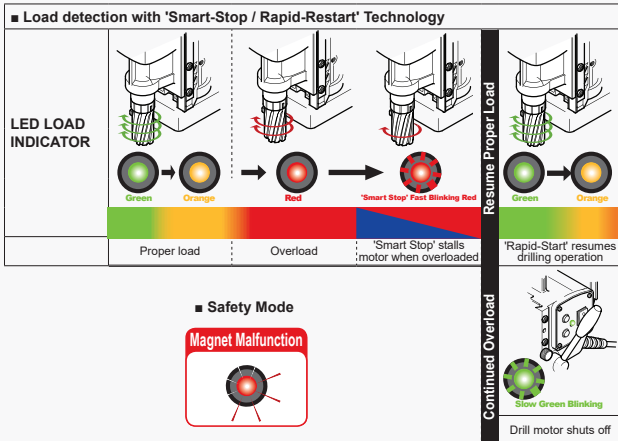
Dimensions (mm)



Model No.	Power Source	Rated Power Consumption	No Load Speed	Hole Diameter	Plate Thickness	Magnet Holding Power	Weight
WO-3250A	220~240V AC 50/60HZ	950W	530rpm	12 - 32mm	9 - 50mm	900 kg/f	13kg



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



Body Height Adjustment and Twist Drill Compatibility

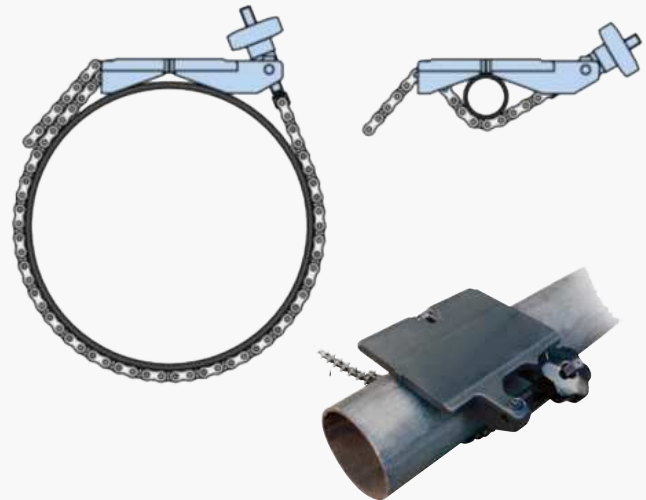
- Using Hibroach cutters require the frame to be at lowest position
- Loosen the pillar clamp to allow the complete frame to be lifted up to a maximum of 60mm for use with twist drills.
- Tighten clamp again before drilling commences for safety. **Always engage magnet before adjusting body height.**



Pipe Attachment Assembly

- The Pipe Attachment Assy is an optional base to securely fasten the drill on pipes for drilling (Item Number: TB07696-0).
- Suitable for WO3250A when a 35mm or 50mm length One-Touch type Jetbroach cutter is used.

Example of installation on a pipe



- The chain can easily and securely fit around pipes having an outside diameter of 48.6mm to 318.5mm.

Optional Items

HIBROACH

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



JETBROACH

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



- Chip Breaker (Item Number: TB07691-0)



- One-Touch Chuck Assy (Item Number: TB07690-0 - 9X0000485)



- Pipe Attachment Assy (Item Number: TB07696-0)



Always use Genuine Nitto Kohki Cutters

KEY FEATURES



MACHINE TOOLS