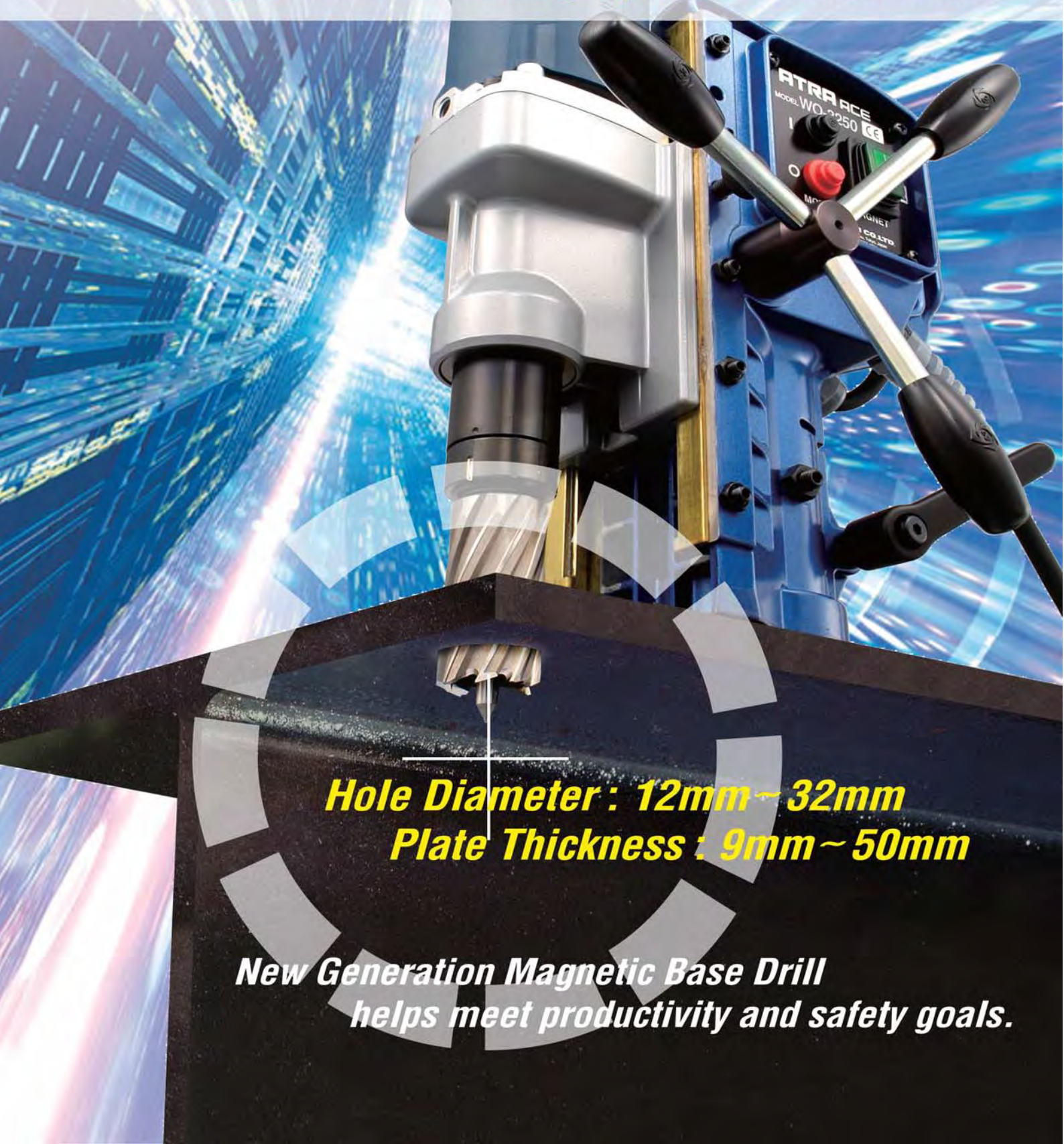


NEW

Portable Magnetic Base Drilling Machine

ATRAACE Manual feed Model **WO-3250**

Designed to use Hibroach High Speed Steel Annular Cutters



Hole Diameter : 12mm ~ 32mm

Plate Thickness : 9mm ~ 50mm

New Generation Magnetic Base Drill

helps meet productivity and safety goals.



ATRAACE Model WO-3250

Manual feed

Model

WO-3250

Designed to use High Speed Steel Annular Cutters

Fresh compact design with advanced safety system answers the customer's needs.

From the extremely efficient electro-magnet to the height adjustable frame with reversible feed handles, the new ATRA adapts to more user needs while offering safety where it's needed most. Original

Hi-Broach cutters drastically shorten drilling time when compared to similar sized conventional twist drills. Optional One-Touch twist drill adapter allows the use of up to 13mm twist drills to be inserted.

Manual Magnetic Base Drill incorporates the latest technology in user safety.

Newly developed Over-Load shutdown, magnet open-circuit sensor, and Fail-Safe Restart technology formerly only found on high-end Nitto Kohki Automatics are incorporated on the machine to further increase drill output while keeping costs and safety concerns down.

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.



REVERSIBLE FEED HANDLES

Feed handles can be positioned on the right or left hand side for ease of drilling and mounting in confined spaces.

Optional CHIP BREAKER

Optional chip breaker helps prevent the cutter from plugging the hole with chip debris, causing some false overloads and cutter life loss.



One-Touch

ONE-TOUCH CUTTER REPLACEMENT

Our original self-centering tool-less chuck is quick and easy to change cutters with little downtime.



Mounting the cutter



Removing the cutter



Mounting the twist drill

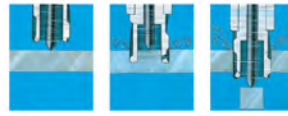
COMMON PLACE APPLICATIONS

On-site hole cutting in steel plates, H-Beams, shaped bars, framework, shipbuilding, bridge construction and repair, steel reinforcements, and many other metal working and construction jobs.



Optional HIGH SPEED STEEL ANNULAR CUTTERS

Original Hi-Broach cutters drastically shorten drilling time when compared to similar sized conventional twist drills.



Optional ONE-TOUCH ADAPTER

Optional One-Touch adapter allows the use of up to 13mm twist drills to be used in the original arbor.



BODY HEIGHT ADJUSTMENT

Loosening the pillar clamp allows the complete frame to be lifted up to a maximum of 60mm for specific drilling. The use of Hi-Broach cutters require the frame to be at the lowest position, while twist bit drilling required the appropriate amount of elevation to be adjusted for safe operation. The pillar clamp is required to be tightened before safe drilling may take place.

Note: Always engage the magnet before adjusting the body height.



Optional JET OILING SYSTEM

Optional Jet Oiling System for use with all drilling applications and types of cutters to extend cutter life and increase hole output.



ATRAACE WO-3250

Manual feed

Specification

Model		WO-3250		
Power Source (Single Phase)		220~240 V AC 50/60Hz		
Electric Drill	Rated Power Consumption	W	950	
	Rated Current	A	4.3	
	No Load Speed	min ⁻¹ (rpm)	530	
Magnet Power Consumption		W	70	
Hole-cutting Capacity		Cutter	Hole Diameter	Plate Thickness
One-touch type HI-BROACH			12 to 32 mm	9 to 50 mm
Magnet Holding Power		N (kgf)	900	
Magnet Dimensions		mm	99 x 177	
Mass (Weight)		kg	13	

Standard Accessories

• Guard Ass'y : 1 set



- Pilot Pin 08050 : 1pc.
- Hex Socket Screw Key 3mm : 1pc.
- Spanner 8 x 10 : 1pc.
- Side Handle Ass'y : 1 set
- Safety Strap : 1pc.



HIBROACH CUTTERS

Combination of Pilot Pins & High Speed Steel Annular Cutters

Pilot Pin	
0625	P/N:TK00596 for One-touch type HI-BROACH Dia.12 ~ 17 Depth 25mm Dia. 6.35 80
08025	P/N:TJ12696 for One-touch type HI-BROACH Dia.17.5 ~ 32 Depth 25mm Dia. 8 76
0650	P/N:TK00694 for One-touch type HI-BROACH Dia.12 ~ 18 Depth 50mm Dia. 6.35 100
0850	P/N:TK00802 for One-touch type HI-BROACH Dia.19 ~ 32 Depth 50mm Dia. 8 100

Dia. mm	Part No.	
	25L Depth 25mm	50L Depth 50mm
12	TK00698	TK00721
13	TK00699	TK00722
14	TK00700	TK00723
15	TK00701	TK00724
16	TK00702	TK00725
17	TK00703	TK00726
17.5	TK00335	—
18	TK00336	TK00727
19	TK00337	TK00728
19.5	TK00338	—
20	TK00339	TK00729
21	TK00340	TK00730
21.5	TK00341	—
22	TK00342	TK00731
22.5	TK00343	—
23	TK00344	TK00732
23.5	TK00345	—
24	TK00346	TK00733
24.5	TK00347	—
25	TK00348	TK00734
26	TK00349	TK00735
27	TK00351	TK00736
28	TK00352	TK00737
29	TK00353	TK00738
30	TK00354	TK00739
31	TK00355	TK00740
32	TK00356	TK00741

One-touch Type (3/4" shank)



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