



NO. T-098

Worldwide Release

NEW

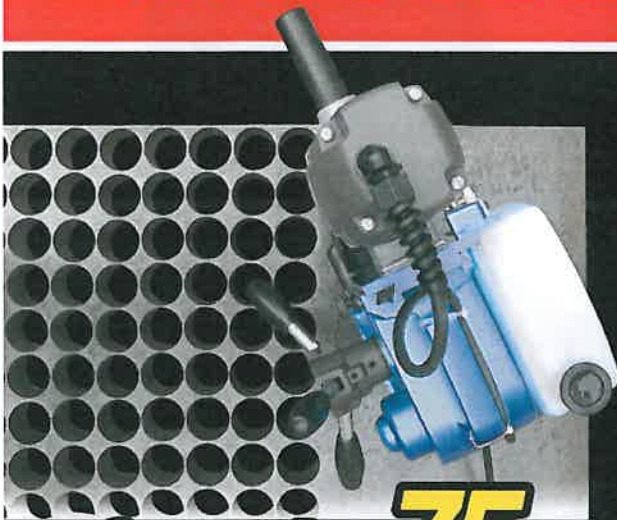


Portable Magnetic Base
Automatic Drilling Machine

ATRAACE_{auto}

MODEL

WA-5000



**Superior 75mm (3") deep hole drilling
from an automatic wonder**

New drill control prevents cutters from breaking

Slow start mechanism

The feed speed is reduced for the first few seconds after boring begins to ensure a smooth cut through the mill scale.

Auto-feed

Automatic control & feed are activated by simply pushing the rod handle to engage the gears.



Load Sensor

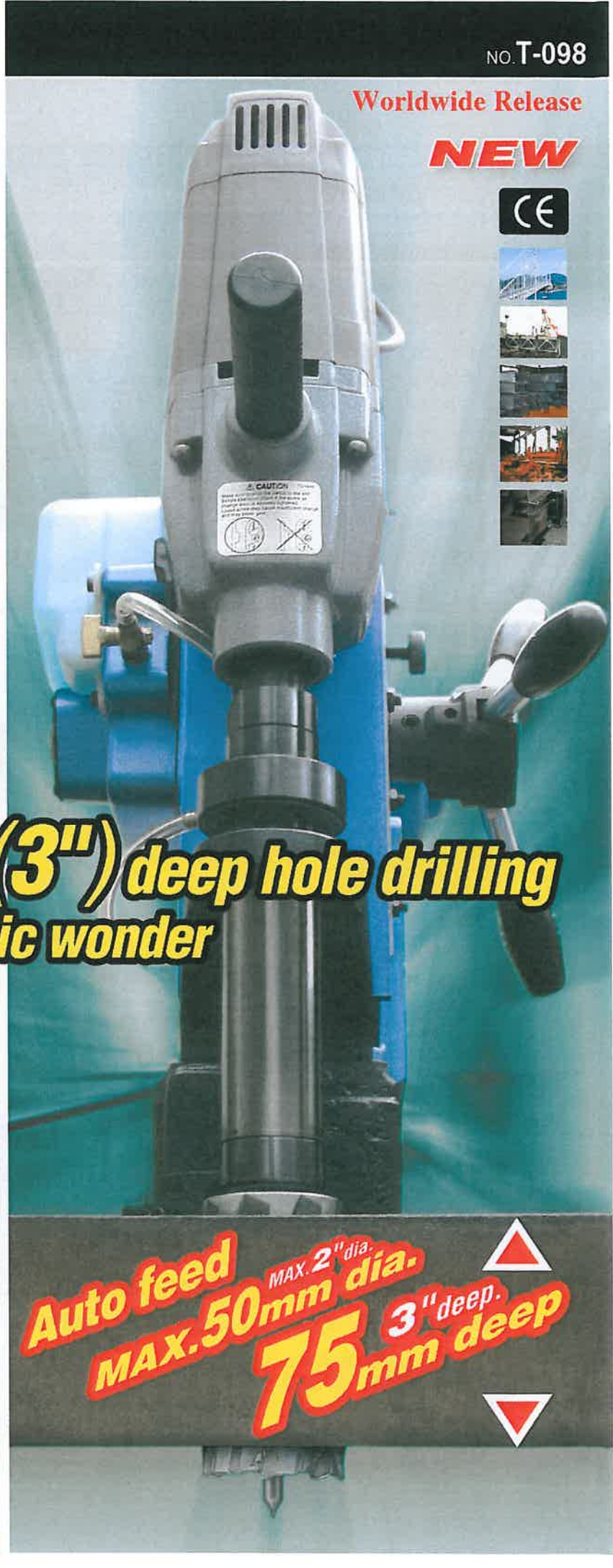
The dual sensing system responds to both drilling and feeding forces on the cutter for the optimum cutting condition.

Cycle stop

After the cut has finished, a detector responds to the reduction in load and both the drill and the feed motor automatically stop.

Overload stop

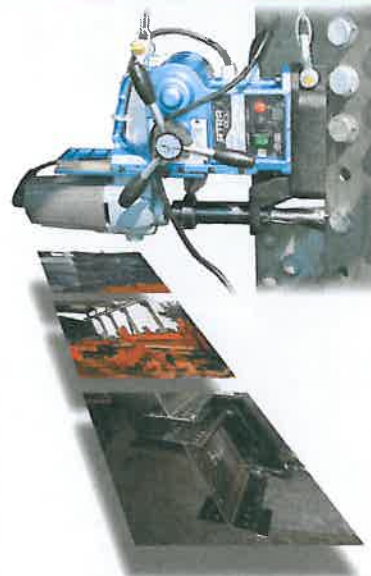
When an excessive load is applied to the cutter, both the drill and the feed motor will stop automatically to prevent the cutter from breaking.



Auto feed
MAX. 50mm dia.
75mm deep
MAX. 2" dia.
3" deep.

Portable Magnetic Base Automatic Drilling Machine
ATRAACE
auto **WA-5000**

**Nitto Kohki's Atra Ace boosts productivity
in the hole drilling industry.**



Mounting the cutter



One-touch cutter replacement

Replacement is quick and easy with our unique push fit self-centering cutter system.

Coolant into the Heart of the cut

Coolant is fed directly to the inside of the cut. The coolant system also features an auto shut-off.



Fail-Safe Protection

Built-in motion sensor

If any lateral movement or excess vibration is detected, both the drill and the feed motor stop instantly. Nitto Kohki is the first company to incorporate this feature into magnetic base drills.

Fail safe restart

The drill will not re-start even if power is re-supplied after accidental shut-down. Drilling can only be continued once magnet power has been turned off and on again.

Magnet open-circuit sensor

The drill will not start until the magnetic field is active.



Built-in motion sensor inside

Specifications

Model	WA-5000	
Power Source (Single Phase)	110 ~ 120 V AC 50 / 60 Hz	220 ~ 240 V AC 50 / 60 Hz
Rated Power Consumption W	1150	
Rated Current A	10.8	5.4
No Load Speed rpm	350 / 650	
Magnet Power Consumption W	75	
Hole-cutting Capacity	Cutter	Plate Thickness
One-touch type JETBROACH 75L	17.5 to 50 mm (11/16" to 2")	9 to 75 mm (3/8" to 3")
One-touch type HI-BROACH 50L	14 to 50 mm (9/16" to 2")	9 to 50 mm (3/8" to 2")
Magnet Holding Power N (kgf) (lbf)	9,800 (1,000) (2,200)	
Magnet Dimensions mm (inches)	101 x 201 (4" x 8")	
Mass Weight kg (lbf)	23 (51)	

Standard Accessories

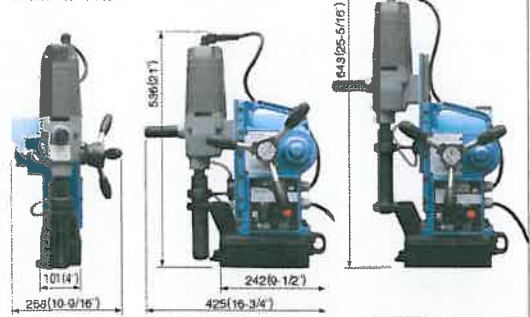
- Pilot Pin 08050 A3 : 1 pc.
- Chain Assy : 1 set
- Side Handle Assy : 1 set
- Hex Socket Screw (key) 3 mm / 4mm : each 1 pc.
- Spanner 8 x 10 mm : 1 pc.
- Cutting Oil 0.5 L : 1 can
- Plastic Case : 1 pc.

Optional Accessories



2L Can of Coolant
Always use genuine Nitto Kohki cutters & coolant.

Dimensions



► Specifications and designs are subject to change at any time without notice.

TOMORROW'S TOOL ENGINEERING TODAY



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