

New drill control prevents cutters from breaking

Slow start mechanism

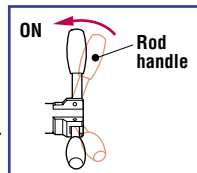
The feed speed is reduced for the first few seconds after boring begins to ensure a smooth cut through the mill scale.

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.



Variable speed

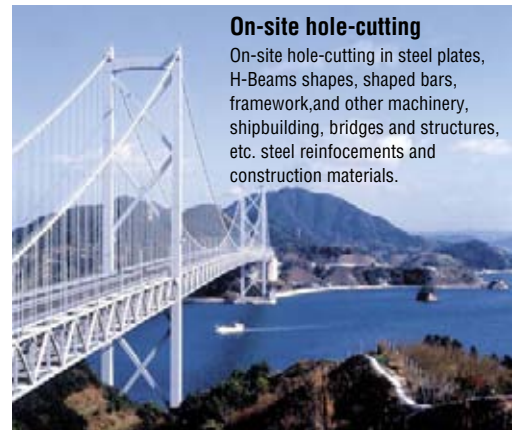
The feed speed is continuously monitored and updated proportionally to the load on the cutter.

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.



On-site hole-cutting

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.



Specifications

Model		WA-3500		WA-5000			
Power Source (Single Phase)		110~120 V AC 50/60Hz	220~240 V AC 50/60Hz	110~120 V AC 50/60Hz	220~240 V AC 50/60Hz		
Electric Drill	Rated Power Consumption	W		1,100			
	Rated Current	A	10.2	5.1	10.8	5.4	
	No Load Speed	min ⁻¹ (rpm)	950		350 / 650		
Magnet Power Consumption		W		34			
Hole-cutting Capacity		Cutter	Hole Diameter	Plate Thickness	Hole Diameter	Plate Thickness	
One-touch type JETBROACH 35L			17.5 to 35 mm	9 to 35 mm	17.5 to 40mm	9 to 35mm	
One-touch type JETBROACH 50L			—	—	17.5 to 50mm	9 to 50mm	
One-touch type JETBROACH 75L			—	—	17.5 to 50mm	9 to 75mm	
One-touch type HI-BROACH 25L			14 to 35 mm	9 to 25 mm	14 to 50mm	9 to 25mm	
One-touch type HI-BROACH 50L			—	—	14 to 50mm	9 to 50mm	
Magnet Holding Power		N (kgf)	7,056 (720)		9,800 (1,000)		
Magnet Dimensions		mm	92 x 216		101 x 201		
Mass (Weight)		kg	20		23		
Standard Accessories		<ul style="list-style-type: none"> • Pilot Pin 08035 A2 : 1 pc. • Chain Ass'y : 1 set • Side Handle Ass'y : 1 set • 3 mm Hex Socket Screw Key : 1 pc. • 8 x 10 mm Spanner : 1 pc. • Cutting Oil 0.5 ℓ : 1 can • Plastic Case : 1 pc. • Guard Ass'y : 1 set 				<ul style="list-style-type: none"> • Pilot Pin 08050 A3 : 1 pc. • Chain Ass'y : 1 set • Side Handle Ass'y : 1 set • 3 mm / 4 mm Hex Socket Screw Key : each 1 pc. • 8 x 10 mm Spanner : 1 pc. • Cutting Oil 0.5 ℓ : 1 can • Plastic Case : 1 pc. • Guard Ass'y : 1 set 	
Optional Accessories		<p>Always use genuine Nitto Kohki cutters & coolant.</p>					