

New drill control prevents cutters from breaking

Slow start mechanism

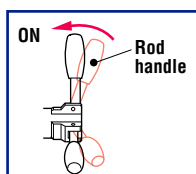
The feed speed is reduced for the first few seconds after boring begins to ensure a smooth cut through the mill scale.

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

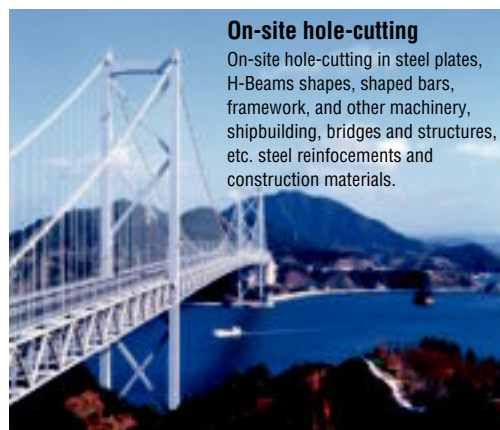
The feed speed is continuously monitored and updated proportionally to the load on the cutter.

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, 50/60 Hz	220 - 240 V AC, 50/60 Hz	110 - 120 V AC, 50/60 Hz	220 - 240 V AC, 50/60 Hz
Electric Drill	Rated Power Consumption	W	1,100		1,150	
	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 25L			—	—	12 to 17 mm	9 to 25 mm
One-touch type JETBROACH 35L			17.5 to 35 mm	9 to 35 mm	17.5 to 40 mm	9 to 35 mm
One-touch type JETBROACH 50L			17.5 to 35 mm	9 to 35 mm	12 to 50 mm	9 to 50 mm
One-touch type JETBROACH 75L			—	—	17.5 to 50 mm	9 to 75 mm
One-touch type HI-BROACH 25L			14 to 35 mm	9 to 25 mm	14 to 50 mm	9 to 25 mm
One-touch type HI-BROACH 50L			—	—	14 to 50 mm	9 to 50 mm
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			<div>• 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</div>			
Optional Accessories			<div><div><div>JETBROACH One-touch Type 35L</div></div><div><div>JETBROACH One-touch Type 50L</div></div><div><div>HI-BROACH One-touch Type 25L</div></div><div><div>TB01507 Cutting Oil 2 L per can</div></div><div>Always use genuine Nitto Kohki cutters & coolant.</div></div> <div><div><div>JETBROACH One-touch Type 25L,35L,50L</div></div><div><div>JETBROACH One-touch Type 75L</div></div><div><div>HI-BROACH One-touch Type 25L,50L</div></div><div><div>TB01507 Cutting Oil 2 L per can</div></div><div>Always use genuine Nitto Kohki cutters & coolant.</div></div>			