

“Only the best”

ICECUT

LIGHT
POWERFUL
SAFE

*The ultimate
core cutting
system*

New



 **WALTER**
Surface Technologies

FEATURES

Walter is proud to present a completely redesigned line of magnetic drilling units and annular cutters

When you pair the best drilling machines with the ultimate annular cutters and most innovative cooling solutions, you know you have the best system to drill large holes precisely, quickly & to continue performing even after thousands of holes.



1 CENTERED CONTROL PANEL

Centered positioning of the electronics for easy control from any position. Whether it's a personal preference, or if the operation requires drilling from a specific side, the central control panel allows for efficient and easy operating.



5 DIRECT ACCESS

Direct access to carbon brushes makes maintenance simple. The powerful motor will always operate at maximum efficiency, and when it comes time to change its carbon brushes, their location and the smart design make maintenance very convenient!



2 MANDREL SUPPORT

Absorbs vibrations for added stability and perfect centering. This ball bearing support ensures the motor and chuck are perfectly aligned. It also provides smooth and precise cutting operations, and reduces chipping or breakage of the cutter.



6 ERGONOMIC HANDLE

Ergonomic handle with smooth grip – sturdy and lightweight - makes moving easy. Its design further reduces overall weight, and the smooth grip guarantees easy carrying and positioning of the unit.



3 FULL BODY INTEGRATED WIRING

For convenience and greatest durability. No electrical wires will get in the way while drilling or moving your unit. Moreover, this prevents common failures due to mishandling (like carrying the unit by the wire, or the wire catching on an object).



7 QUICK RELEASE REVERSIBLE HANDLE

Quick release reversible handle – allows for positioning in confined or restricted spaces, or simply for convenience.



4 STEEL SLIDING GUARD

Easily accessible, and extra safe. Slide guard upwards, position unit, slide guard down and start drilling safely and without having chips and lubricant all over!



8 MATERIAL & THICKNESS DETECTOR

Unit will not start when the magnetic holding power is insufficient to secure the unit to the workpiece and operate safely.

Prevents accidental starts: unit will not start on any non-ferrous material like wood, plastic, or when held in the air.



LIGHTWEIGHT

At 22 lbs. and 27 lbs. respectively, the ICECUT 100 and ICECUT 200 are the lightweight champions in their category. When you have to carry these units around, or even just to position them, lightweight, is essential. With a slim body, simplified carrying handle and powerful magnet, these units were designed with mobility in mind.



EQUIPPED WITH STRAPS

For added security when hung upside down or for frame drilling operations.

DRILLING MADE EASY AND SAFE.



“**ACCUDRILL**” system protects against overload and reduces risk of cutter breakage. When you want to achieve the most productive drilling operation, you need to make sure you use the most power. This prevents from overloading the motor to reduce damage or the eventual risk of damaging the cutter from overheating or movement.

TECHNICAL DATA

ICECUT 100™

THE COMPACT AND MOBILE UNIT

Compact – extra lightweight – perfect when mobility is key



ICECUT 200™

THE VERSATILE UNIT

Powerful - 2 speed – yet only 27 lbs - ideal for a wide range of production or job site operations



Item No.	39-D 100	39-D 200
Watts	850	1200
Speed	1	2 (Slider on motor head)
No load RPM	600	300/600
Amps	8,5 A	12 A
Capacity (diameter)	1⅜" (34,9 mm)	2" (51 mm)
Capacity (depth)	1½" (38 mm)	2" (51 mm)
Weight	22 lbs (10 kg)	27 lbs (12.2 kg)
Max drill point pressure	1875 lbs (850 kg)	1875 lbs (850 kg)
Ampmeter	Yes	Yes
Reversible handles	Yes	Yes
Overload protection	Yes	Yes
Internal wires	Yes	Yes
PROTECTION	Overload at 15A	Overload at 15A
	Ampmeter integrated	Ampmeter integrated
	Power "ON" led indicator	Power "ON" led indicator
	Material & thickness detector	Material & thickness detector
	Magnetic field sensor	Magnetic field sensor
Guard	Metal, sliding	Metal, sliding
Wiring	Internal	Internal
Lubrication	On motor head	On motor head
Switches	Flush & centered	Flush & centered
Handles	Quick-release reversible	Quick-release reversible
Lift handle	Open with anti-slip support	Open with anti-slip support
Arbor	Removable with support	Removable with support
MAINTENANCE	Easy brush access	Easy brush access
	Sliding track for wires	Sliding track for wires

TECHNICAL DATA



Includes a 1/2" chuck adaptor for small hole drilling



For larger hole, 1/2" and above, use magnetic base with standard Weldon shank

Comes in a foam protected casing for the ultimate machine protection

Max diameter (capacity)

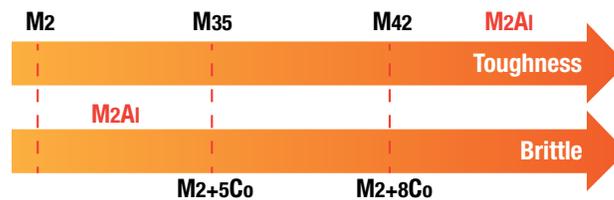
Model	Order No.	RPM no-load	Motor	Amps	Twist drill	Annular cutter	Max drilling depth	Magnet strength	Weight
ICECUT 100	39-D 100	600	120 V.A.C	8 A	Stub max 1/2"	1 3/8"	1 1/2"	1875 lbs	22 lbs
ICECUT 200	39-D 200	300 / 600	120 V.A.C	10 A	Jobber's max 1/2"	2"	2"	1875 lbs	27 lbs

STANDARD EQUIPMENT: Carrying case 48-H 423 (ICECUT 100), 48-H 422 (ICECUT 200), Lubrication system (48-H 310), 1/2" keyed chuck (39-D 006), Chuck adaptor (39-D 005), M6 T-handle hexagonal key (48-Z 004), Allen key (48-Z 003), Safety strap (48-H 329), Safety glasses (48-H 424), Reversible press button (48-H 324), Triple handle (48-H 323).

HIGH PERFORMANCE ANNULAR CUTTERS

The new Walter annular cutters are tougher because they are made with a sophisticated mixture of high speed steel and aluminum (M2Al). This extends the life of the core cutters, as it is now more resistant to instant impact and

stress when drilling under load, less brittle, and impervious to deformation. By adding aluminum into the coating, this makes Walter core cutters tougher than M42 core cutters and less brittle than a regular M2 annular core cutter.



Adding Cobalt makes cutters more fragile!

GUARANTEED TO DRILL MORE HOLES **FASTER!**



SST™ CORE CUT

MADE FOR MILD AND STRUCTURAL STEEL

- The longest lasting of all uncoated core cutters
- Perfect for construction sites and manufacturing processes
- RESISTANT - Made from HSS M2Al
- Built with special SST™ surface treatment
- Exclusive multiple tooth design



ICECUT™

MADE FOR HARD TENSILE MATERIALS AND HARD TO LUBRICATE AREAS

- The longest lasting of all coated core cutters
- The ideal solution where lubrication is an issue
- Durable coated with AlCrN
- Exclusive multiple tooth design



CARBIDE CORE CUT

MADE FOR EXTREMELY HARD MATERIALS AND ROUGH/UNEVEN SURFACES

- Top performance on hard metals and uneven surfaces
- Pierces stainless steel, non-ferrous and abrasive materials
- DURABLE - Exclusive multiple tooth design and highest tungsten purity
- FASTER - Drills through thick materials quicker than other core cutters
- More stable for extreme applications

VIDEO



Diameter		1" Cutters	2" Cutters	1" Cutters	2" Cutters	1" Cutters	2" Cutters
Inches	mm	Order No.	Order No.	Order No.	Order No.	Order No.	Order No.
Use with pilot pin		05-Z 001	05-Z 002	05-Z 001	05-Z 002	05-Z 001	05-Z 002
1/2"	12.7	05-A 008	05-A 308	05-B 008	05-B 308	05-D 008	05-D 308
9/16"	14.3	05-A 009	05-A 309	05-B 009	05-B 309	05-D 009	05-D 309
5/8"	15.9	05-A 010	05-A 310	05-B 010	05-B 310	05-D 010	05-D 310
11/16"	17.5	05-A 011	05-A 311	05-B 011	05-B 311	05-D 011	05-D 311
3/4"	19.0	05-A 012	05-A 312	05-B 012	05-B 312	05-D 012	05-D 312
13/16"	20.6	05-A 013	05-A 313	05-B 013	05-B 313	05-D 013	05-D 313
7/8"	22.2	05-A 014	05-A 314	05-B 014	05-B 314	05-D 014	05-D 314
15/16"	23.8	05-A 015	05-A 315	05-B 015	05-B 315	05-D 015	05-D 315
1"	25.4	05-A 100	05-A 400	05-B 100	05-B 400	05-D 100	05-D 400
1 1/16"	27.0	05-A 101	05-A 401	05-B 101	05-B 401	05-D 101	05-D 401
1 1/8"	28.6	05-A 102	05-A 402	05-B 102	05-B 402	05-D 102	05-D 402
1 3/16"	30.2	05-A 103	05-A 403	05-B 103	05-B 403	05-D 103	05-D 403
1 1/4"	31.8	05-A 104	05-A 404	05-B 104	05-B 404	05-D 104	05-D 404
1 5/16"	33.3	05-A 105	05-A 405	05-B 105	05-B 405	05-D 105	05-D 405
1 3/8"	34.9	05-A 106	05-A 406	05-B 106	05-B 406	05-D 106	05-D 406
1 7/16"	36.5	05-A 107	05-A 407	05-B 107	05-B 407	05-D 107	05-D 407
1 1/2"	38.1	05-A 108	05-A 408	05-B 108	05-B 408	05-D 108	05-D 408
1 9/16"	39.7	05-A 109	05-A 409	05-B 109	05-B 409	05-D 109	05-D 409
1 5/8"	41.3	05-A 110	05-A 410	05-B 110	05-B 410	05-D 110	05-D 410
1 3/4"	44.5	05-A 112	05-A 412	05-B 112	05-B 412	05-D 112	05-D 412
1 13/16"	46.0	05-A 113	05-A 413	05-B 113	05-B 413	05-D 113	05-D 413
1 7/8"	47.6	05-A 114	05-A 414	05-B 114	05-B 414	05-D 114	05-D 414
1 15/16"	49.2	05-A 115	05-A 415	05-B 115	05-B 415	05-D 115	05-D 415
2"	50.8	05-A 200	05-A 500	05-B 200	05-B 500	05-D 200	05-D 500
2 1/16"	52.4	05-A 201	05-A 501	05-B 201	05-B 501	05-D 201	05-D 501
2 1/8"	54.0	05-A 202	05-A 502	05-B 202	05-B 502	05-D 202	05-D 502
2 3/16"	55.6	—	05-A 503	—	05-B 503	—	05-D 503
2 1/4"	57.2	—	05-A 504	—	05-B 504	—	05-D 504
2 5/16"	58.7	—	05-A 505	—	05-B 505	—	05-D 505
2 3/8"	60.3	—	05-A 506	—	05-B 506	—	05-D 506
3" Cutters		Order No.					
Use with pilot pin		05-Z 018	—	—	—	—	—
13/16"	20.6	05-A 613	—	—	—	—	—
15/16"	23.8	05-A 615	—	—	—	—	—
1 1/16"	27.0	05-A 701	—	—	—	—	—

Packaged in reusable plastic packaging.

Other sizes are available upon special request. Please speak with your Walter sales representative.

PILOT PINS

Precisely position annular cutters over drilling spot and eject slug after drilling is completed. All Walter pilot pins are hardened and precision ground for longest life.



For use with these cutters	Order No.	Min. Pkg.	Std. Ctn.
1" SST Core Cut & Icecut, $\frac{3}{16}$ " – $2\frac{1}{8}$ " dia.	05-Z 001	1	10
2" SST Core Cut & Icecut, $\frac{3}{16}$ " – $2\frac{3}{8}$ " dia.	05-Z 002	1	10
3" SST Core Cut	05-Z 018	1	10
For use with the following 05-D carbide core cutters			
1½" Carbide Core Cut, < $\frac{3}{4}$ " dia.	05-Z 019	1	10
1½" Carbide Core Cut, $\geq \frac{3}{4}$ " dia.	05-Z 020	1	10
2" Carbide Core Cut, < $\frac{3}{4}$ " dia.	05-Z 021	1	10
2" Carbide Core Cut, $\geq \frac{3}{4}$ " dia.	05-Z 022	1	10



Morse taper shank adaptors with coolant inducer

For use of Walter annular cutters on drilling units with Morse taper spindle. Coolant inducer feeds coolant through pilot pin to increase cutter life.

Morse taper	Order No.	Min. Pkg.	Std. Ctn.
No. 2	05-Z 012	1	10
No. 3	05-Z 013	1	10



Morse taper shank adaptors without coolant inducer

For use of Walter annular cutters on drilling units with Morse taper spindle. Ideal for all drilling machines that are equipped with an external source of cooling.

Morse taper	Order No.	Min. Pkg.	Std. Ctn.
No. 2	05-Z 010	1	10
No. 3	05-Z 011	1	10



Extension adaptor

Leverage an arbor adaptor with your Walter core cutters to drill deeper holes. These arbor adaptors are made to last longer and allow you to drill up to 4" for a fraction of the price of a full size core cutter.



Extension length	Order No.	Std. Pkg.	Std. Ctn.
1"	05-Z 023	1	10
2"	05-Z 024	1	10



CUTTING LUBRICANTS

To ensure the fast drilling time and maximize the life of the core cutter, we highly recommend that you use these Walter high performance cutting lubricants.

Material worked on	Product description	Order No.	Size	(M)SDS
Mild and hard steel	COOLCUT, solid stick	53-B 013	300 g	L-22E
	ICECUT, liquid*	53-C 056	5L	L-122E
	ICECUT, liquid*	53-C 057	20L	L-122E
Aluminum	ALUCUT, solid stick	53-B 303	300 g	L-04E
All metals	TAPCUT, bottle	53-A 103	350 ml	L-115E
	TAPCUT, liquid	53-A 106	5L	L-115E
	TAPCUT, liquid	53-A 107	20L	L-115E

*Biodegradable



Walter provides the best products, from start to finish.

Walter leads the way in offering products that span the entire metalworking process start to end—from prepping, to working, to finishing and cleaning. For each step of the process, Walter provides only the highest performing products, from abrasives to power tools all the way to lubricants and cleaners.



Contact us today to meet with a representative for a product demonstration
1-888-592-5837

WALTER.COM

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