

ICECUT

LIGHT
POWERFUL
SAFE

*The ultimate
core cutting
system*



WALTER
Surface Technologies

Only the best.™

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 W	1200 W
Speed	1 speed	2 speeds
No load RPM	600 RPM	Speed #1: 300 RPM / Speed #2: 600 RPM
Rated current	8A	10A
Core cutter capacity (diameter)	1 ³ / ₈ " (35 mm)	2" (52 mm)
Core cutter capacity (depth)	1 ¹ / ₂ " (38 mm)	2" (52 mm)
Twist drill capacity (diameter)	1/2" (stub length only)	1/2"
Tapping function	None	None
Weight	22 lbs (10 kg)	27 lbs (12.2 kg)
Swivel and sliding magnet	None	None
Max drill point pressure	1875 lbs (850 kg)	1875 lbs (850 kg)
Reversible handle	Tool free press-button	Tool free press-button
Powerguard electronic overload protection	Overload at 15A	Overload at 15A
Motor overload protection	None	Mechanical clutch
Short-Circuit protection	Integrated fuse	Integrated fuse
Accudrill LED torque display	Integrated Ampmeter	Integrated Ampmeter
Magnetic field sensor	Material and thickness detector	Material and thickness detector
Tool free guard	Metal, sliding up	Metal, sliding up
Wiring	Internal	Internal
Lubrication	On motor head	On motor head
Control board	Centered, s/s switches with LEDS	Centered, s/s switches with LEDS
Handle	Open on main housing	Open with anti-slip support
Arbor	WELDON shank with support	WELDON shank with support
Maintenance	Easy access to carbon brushes	Easy access to carbon brushes

ICECUT 300™

FOR LARGER DIAMETERS AND GREATER DEPTH OF CUT.

With a swivel base and electronic speed control, allows you to drill safer and faster.



ICECUT 400™

THE MOST POWERFUL AND MOST VERSATILE UNIT

With 4 mechanically-controlled speeds and a wider RPM range, this powerful tool can tackle any drilling operation with ease.



Item No.	39-D 300*	39-D 400*
Watts	1800 W	2000 W
Speed	2 speeds reversible	4 speeds reversible
Dynamax variable speed control	Yes	Yes
No load RPM	Speed #1: 70-180 RPM / Speed #2: 200-500 RPM	Speed #1: 45-129 RPM / Speed #2: 70-208 RPM Speed #3: 150-434 RPM / Speed #4: 240-700 RPM
Rated current	18A	20A
Core cutter capacity (diameter)	3" (75 mm)	4" (100 mm)
Core cutter capacity (depth)	3" (75 mm)	4" (100 mm)
Twist drill capacity (diameter)	1 ¼" (31.75 mm)	1 ¼" (31.75 mm)
Tapping function/Reverse speed	Yes (1 1/8")	Yes (1 1/8")
Weight	52 lbs (23.5 kg)	54.5 lbs (24.8 kg)
Swivel and sliding magnet	Swivel 120°, sliding 2"	Swivel 120°, sliding 2"
Max drill point pressure	4160 lbs (1890 kg)	4950 lbs (2240 kg)
Reversible handle	Tool free press-button	Tool free press-button
Powerguard motor overload protection	Overload at 22A	Overload at 24A
Powerguard electronic overload protection	Overload at 25A	Overload at 27A
Short-Circuit protection	Integrated fuse	Integrated fuse
Accudrill LED torque display	Integrated Ampmeter	Integrated Ampmeter
Magnetic field sensor	Material and thickness detector	Material and thickness detector
Tool free guard	Metal, sliding up	Metal, sliding up
Wiring	Internal	Internal
Lubrication	On motor head	On motor head
Control board	Centered, s/s switches with LEDES	Centered, s/s switches with LEDES
Handle	1 on main housing, 1 rear handle	1 on main housing, 1 rear handle
Arbor	WELDON; morse taper #3	WELDON; morse taper #3
Maintenance	Easy access to carbon brushes	Easy access to carbon brushes

*Allow for two weeks for delivery in the United States

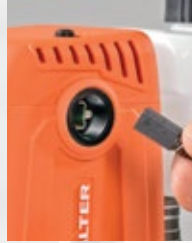
FEATURES

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.



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.



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!



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.



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.



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).



QUICK RELEASE REVERSIBLE HANDLE

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



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!



MATERIAL & THICKNESS DETECTOR

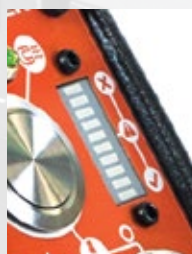
Unit will not start when the magnetic holding power is insufficient to secure the unit to the workpiece and operate safely.

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.



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



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 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	1/2"	2"	2"	1875 lbs	27 lbs
ICECUT 300	39-D 300	70-180/200-50	120 V.A.C	18 A	1 1/4"	3"	3"	4160 lbs	52 lbs
ICECUT 400	39-D 400	45-129/70-208 150-434/240-700	120 V.A.C	20 A	1 1/4"	4"	4"	4950 lbs	54.5 lbs

STANDARD EQUIPMENT FOR ICECUT 100 AND 200: 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).

STANDARD EQUIPMENT FOR ICECUT 300 AND 400: Carrying case, chuck, arbor assembly, safety glasses, arbor shank, drift punch, safety belt, 3 mm hexagonal, spanner, stationary ring, spare carbon brushes, coolant bottle assembly.

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 055	3.78 L	L-122E
	ICECUT, liquid*	53-C 057	20 L	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	5 L	L-115E
	TAPCUT, liquid	53-A 107	20 L	L-115E

*Biodegradable



GUARANTEED TO DRILL MORE HOLES **FASTER!**



SST™ CORE CUT

MADE FOR MILD AND
STRUCTURAL STEEL

Fully ground extra large flutes | Modern tooth design and cutter geometry |
Special bronze SST surface treatment | Multiple tooth design



ICECUT™

MADE FOR HARD TENSILE MATERIALS
AND HARD TO LUBRICATE AREAS

Fully ground extra large flutes | Modern tooth design and cutter
geometry | Exclusive ICECUT™ AlCrN coating

Diameter Inches mm	Weldon Shank			Universal Shank	
	1" Cutters Order No.	2" Cutters Order No.	3" Cutters Order No.	1" Cutters Order No.	2" Cutters Order No.
Use with pilot pin	05-Z 001	05-Z 002	05-Z 018	05-Z 001	05-Z 002
7/16"	—	—	—	05-E 007*	—
				*Use with pilot pin 05-Z 029	
1/2"	05-A 008	05-A 308	—	05-E 008	05-E 308
9/16"	05-A 009	05-A 309	—	05-E 009	05-E 309
5/8"	05-A 010	05-A 310	—	05-E 010	05-E 310
1 1/16"	05-A 011	05-A 311	05-A 611	05-E 011	05-E 311
3/4"	05-A 012	05-A 312	—	05-E 012	05-E 312
13/16"	05-A 013	05-A 313	05-A 613	05-E 013	05-E 313
7/8"	05-A 014	05-A 314	—	05-E 014	05-E 314
15/16"	05-A 015	05-A 315	05-A 615	05-E 015	05-E 315
1"	05-A 100	05-A 400	—	05-E 100	05-E 400
1 1/16"	05-A 101	05-A 401	05-A 701	05-E 101	05-E 401
1 1/8"	05-A 102	05-A 402	—	05-E 102	05-E 402
1 3/16"	05-A 103	05-A 403	—	05-E 103	05-E 403
1 1/4"	05-A 104	05-A 404	—	05-E 104	05-E 404
1 5/16"	05-A 105	05-A 405	—	05-E 105	05-E 405
1 3/8"	05-A 106	05-A 406	—	05-E 106	05-E 406
1 7/16"	05-A 107	05-A 407	—	05-E 107	05-E 407
1 1/2"	05-A 108	05-A 408	—	05-E 108	05-E 408
1 9/16"	05-A 109	05-A 409	—	—	05-E 409
1 5/8"	05-A 110	05-A 410	—	—	—
1 3/4"	05-A 112	05-A 412	—	—	—
1 13/16"	05-A 113	05-A 413	—	—	—
1 7/8"	05-A 114	05-A 414	—	—	—
1 15/16"	05-A 115	05-A 415	—	—	—
2"	05-A 200	05-A 500	—	—	—
2 1/16"	05-A 201	05-A 501	—	—	—
2 1/8"	05-A 202	05-A 502	—	—	—
2 3/16"	—	05-A 503	—	—	—
2 1/4"	—	05-A 504	—	—	—
2 5/16"	—	05-A 505	—	—	—
2 3/8"	—	05-A 506	—	—	—

Weldon Shank				Universal Shank	
1" Cutters Order No.	2" Cutters Order No.	3" Cutters Order No.	4" Cutters Order No.	1" Cutters Order No.	2" Cutters Order No.
05-Z 001	05-Z 002	05-Z 018 / 05-Z 032	05-Z 031 / 05-Z 033	05-Z 001	05-Z 002
—	—	—	—	05-F 007*	05-F 307*
				*Use with pilot pin 05-Z 029	
05-B 008	05-B 308	—	—	05-F 008	05-F 308
05-B 009	05-B 309	—	—	05-F 009	05-F 309
05-B 010	05-B 310	—	—	05-F 010	05-F 310
05-B 011	05-B 311	N 05-B 611	N 05-B 811	05-F 011	05-F 311
05-B 012	05-B 312	—	—	05-F 012	05-F 312
05-B 013	05-B 313	N 05-B 613	N 05-B 813	05-F 013	05-F 313
05-B 014	05-B 314	—	—	05-F 014	05-F 314
05-B 015	05-B 315	N 05-B 615	N 05-B 815	05-F 015	05-F 315
05-B 100	05-B 400	—	—	05-F 100	05-F 400
05-B 101	05-B 401	N 05-B 701	N 05-B 901	05-F 101	05-F 401
05-B 102	05-B 402	—	—	05-F 102	05-F 402
05-B 103	05-B 403	—	—	05-F 103	05-F 403
05-B 104	05-B 404	—	—	05-F 104	05-F 404
05-B 105	05-B 405	—	—	05-F 105	05-F 405
05-B 106	05-B 406	—	—	05-F 106	05-F 406
05-B 107	05-B 407	—	—	05-F 107	05-F 407
05-B 108	05-B 408	—	—	05-F 108	05-F 408
05-B 109	05-B 409	—	—	—	—
05-B 110	05-B 410	—	—	—	—
05-B 112	05-B 412	—	—	—	—
05-B 113	05-B 413	—	—	—	—
05-B 114	05-B 414	—	—	—	—
05-B 115	05-B 415	—	—	—	—
05-B 200	05-B 500	—	—	—	—
05-B 201	05-B 501	—	—	—	—
05-B 202	05-B 502	—	—	—	—
—	05-B 503	—	—	—	—
—	05-B 504	—	—	—	—
—	05-B 505	—	—	—	—
—	05-B 506	—	—	—	—

Packaged in reusable plastic packaging.

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



CARBIDE CORE CUT
MADE FOR EXTREMELY HARD MATERIALS
AND ROUGH/UNEVEN SURFACES

Specially-designed lubricant zone (maintains lubrication at the TCT - Tungsten Carbide Tips) | Ideal for drilling hard or uneven materials | Improved heat transfer from the tool to the material

Weldon Shank

Universal Shank

Diameter Inches mm	Weldon Shank			Universal Shank		
	1 1/2" Cutters Order No.	2" Cutters Order No.	3" Cutters Order No.	4" Cutters Order No.	1" Cutters Order No.	2" Cutters Order No.
Use with pilot pin	05-Z 019	05-Z 021			05-Z 027	05-Z 021
1/2" 12.7	05-D 008	05-D 308			05-H 008	05-H 308
9/16" 14.3	05-D 009	05-D 309			05-H 009	05-H 309
5/8" 15.9	05-D 010	05-D 310			05-H 010	05-H 310
11/16" 17.5	05-D 011	05-D 311			05-H 011	05-H 311
Use with pilot pin	05-Z 020	05-Z 022	05-Z 018	05-Z 033	05-Z 028	05-Z 022
3/4" 19.0	05-D 012	05-D 312			05-H 012	05-H 312
13/16" 20.6	05-D 013	05-D 313	N 05-D 613	N 05-D 813	05-H 013	05-H 313
7/8" 22.2	05-D 014	05-D 314			05-H 014	05-H 314
15/16" 23.8	05-D 015	05-D 315	N 05-D 615	N 05-D 815	05-H 015	05-H 315
1" 25.4	05-D 100	05-D 400			05-H 100	05-H 400
1 1/16" 27.0	05-D 101	05-D 401	N 05-D 701	N 05-D 901	05-H 101	05-H 401
1 1/8" 28.6	05-D 102	05-D 402			05-H 102	05-H 402
1 3/16" 30.2	05-D 103	05-D 403			05-H 103	05-H 403
1 1/4" 31.8	05-D 104	05-D 404			05-H 104	05-H 404
1 5/16" 33.3	05-D 105	05-D 405			05-H 105	05-H 405
1 3/8" 34.9	05-D 106	05-D 406			05-H 106	05-H 406
1 7/16" 36.5	05-D 107	05-D 407			05-H 107	05-H 407
1 1/2" 38.1	05-D 108	05-D 408			05-H 108	05-H 408
1 9/16" 39.7	05-D 109	05-D 409			—	—
1 5/8" 41.3	05-D 110	05-D 410			—	—
1 3/4" 44.5	05-D 112	05-D 412			—	—
1 13/16" 46.0	05-D 113	05-D 413			—	—
1 7/8" 47.6	05-D 114	05-D 414			—	—
1 15/16" 49.2	05-D 115	05-D 415			—	—
2" 50.8	05-D 200	05-D 500	N 05-D 716	N 05-D 916	—	—
2 1/16" 52.4	05-D 201	05-D 501			—	—
2 1/8" 54.0	05-D 202	05-D 502			—	—
2 3/16" 55.6	—	05-D 503			—	—
2 1/4" 57.2	—	05-D 504	N 05-D 720	N 05-D 920	—	—
2 5/16" 58.7	—	05-D 505			—	—
2 3/8" 60.3	—	05-D 506			—	—
Use with pilot pin		05-Z 034	05-Z 035	05-Z 036		
2 1/2" 50.8	—	N 05-D 508	N 05-D 724	N 05-D 924	—	—
2 9/16" 65	—	N 05-D 509	N 05-D 725	N 05-D 925	—	—
2 5/8" 66.6	—	N 05-D 510			—	—
2 3/4" 69.8	—	N 05-D 512	N 05-D 728	N 05-D 928	—	—
2 7/8" 73	—	N 05-D 514			—	—
3" 76.2	—	N 05-D 532	N 05-D 732	N 05-D 932	—	—
3 1/4" 82.6	—	N 05-D 536	N 05-D 736	N 05-D 936	—	—
3 1/2" 88.9	—	N 05-D 540	N 05-D 740		—	—
3 3/4" 95.3	—	N 05-D 544	N 05-D 744		—	—
4" 101.6	—	N 05-D 548	N 05-D 748		—	—

Packaged in reusable plastic packaging.

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

ACCESSORIES

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.



CUTTER FAMILY	Diameter	Drilling depth	Order No.	Std. Pkg.	Std. Ctn.
For use with these cutters					
SST Core Cut & Icecut	1/2"–2 3/8" dia.	1"	05-Z 001	1	10
SST Core Cut & Icecut	1/2"–2 3/8" dia.	2"	05-Z 002	1	10
SST Core Cut & Icecut	13/16"–1 1/16" dia.	3"	05-Z 018	1	10
SST Core Cut & Icecut	1 1/16"–2" dia.	4"	05-Z 031	1	10
SST Core Cut & Icecut	7/16" dia.	1"	05-Z 029	1	10
SST Core Cut & Icecut	7/16" dia.	2"	05-Z 030	1	10
2-piece, SST and ICECUT	1 1/16"–2" dia.	3"	05-Z 032	1	10
2-piece, SST and ICECUT	1 1/16"–2" dia.	4"	05-Z 033	1	10
For use with these cutters					
CARBIDE core cutters	1/2"–1 1/16" dia.	1"	05-Z 027	1	10
	1/2"–1 1/16" dia.	1 1/2"	05-Z 019	1	10
	1/2"–1 1/16" dia.	2"	05-Z 021	1	10
	3/4"–1 1/2" dia.	1"	05-Z 028	1	10
	3/4"–2 3/8" dia.	1 1/2"	05-Z 020	1	10
	3/4"–2 3/8" dia.	2"	05-Z 022	1	10
	1 3/16"–2 3/8" dia.	3"	05-Z 018	1	10
	1 3/16"–2 1/4" dia.	4"	05-Z 033	1	10
	2 7/16"–4" dia.	2"	05-Z 034	1	10
	2 7/16"–4" dia.	3"	05-Z 035	1	10
	2 7/16"–4" dia.	4"	05-Z 036	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	1
No. 3	05-Z 013	1	10
No. 3 (with 1 1/4" Weldon)	05-Z 037	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

FOR MORE INFORMATION, TO SCHEDULE A FREE DEMO OR TO ORDER:

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