

evOLUTION®

PRODUCT CATALOG



WE ARE EVOLUTION POWER TOOLS



Founded in 1992 out of the historic steel city of Sheffield, UK —A place where the art of steelmaking has thrived since 1740. Evolution Power Tools has dedicated itself to engineering innovative power tools and accessories for the modern metal fabricator. Over the past 30+ years, Evolution Power Tools has grown to be a globally recognized brand with North American Offices in Davenport IA, and Chicago IL.

Our journey began with a vision to transform the way people work with materials, and today, we are proud to have a global presence, serving professionals and enthusiasts alike. Whether it's our advanced multi material cutting technology or our versatile range of power tools, we strive to provide tools that empower our customers to achieve precision, efficiency, and quality in their projects.



JOIN US ON THIS JOURNEY, AND EXPERIENCE THE REVOLUTION FOR YOURSELF.

But it's not just about the tools; it's about the people behind them. Our dedicated team of engineers, designers, and craftsmen are passionate about delivering the best possible solutions to meet your needs. We take pride in our commitment to effectiveness, safety, and durability, ensuring that our products not only perform exceptionally but also contribute to a more productive and safer working environment.



As we look to the future, we remain unwavering in our mission to redefine the possibilities in the world of power tools. Evolution Power Tools is more than just a brand; it's a promise of innovation, reliability, and customer satisfaction.

WE STRIVE TO PROVIDE TOOLS THAT EMPOWER OUR CUSTOMERS TO ACHIEVE PRECISION, EFFICIENCY, AND QUALITY IN THEIR PROJECTS.

CUT FAST. CUT COOL. CUT CLEAN.



4X FASTER.

Cut up to 4x faster than an abrasive disc with an Evolution carbide tipped blades.

Their super tough tungsten carbide teeth and thin kerf design allows for fast cutting through a range of materials.



CUT SAFER.

Say goodbye to excessive sparks, heat, and dust.

Unlike abrasives, our blades give you a cool to the touch cut and emit virtually no sparks which can lead to fires.

Plus, TCT blades aren't sacrificial so you don't need to worry about breathing in harmful dust or wonder if the blade is about to shatter.

Our advanced TCT technology is designed to boost your productivity. Unlike abrasive discs that wear down through use, our TCT blades maintain both cut quality & capacity for the full life of the blade. Not only that, our blades can last longer than 20 abrasive discs giving you a lower cost-per-cut compared to abrasives.



BURR FREE CUTS.

Our saw blades give you a clean, smooth cut the first time every time.

Burr free cuts that need next to no filing or re-work save you time and means you can take the workpiece straight to the welding table.



MORE CUTS PER \$.

Our TCT blades offer a lower cost per cut vs. abrasive discs.

One Evolution blade can last as long as 20 abrasive discs which mean they're more economical and save you money.

evoMAX™

14" METAL CUTTING MITERING CHOP SAW

The S14MCS is the second generation mitering chop saw engineered for even greater power, precision and durability. The best just got better.



**INTELLIGENT MOTOR
DELIVERS UP TO 30%
LONGER BLADE LIFE**



**EVOMAX ULTRA LONG-LIFE
CERMET CARBIDE BLADE
INCLUDED**



**SHADOW LINE CUT GUIDE
FOR GUARANTEED
ACCURACY**

SPECIFICATIONS

Model Name	S14MCS
SKU	102-0004A
Motor	15A, 120V 60Hz
Soft Start Motor	✓
Blade Brake	✓
No-load Speed	1100 RPM
Blade Supplied	14" EVOMAX Mild Steel, EVOMAX14ST
Blade Size	14"
Arbor Size	1"
Product Weight	72.5 LBS
Base	Cast Aluminum
Quick-release clamps	✓
Miter	46°-46° Base

CUTTING CAPACITIES

Max. Mild Steel Plate Thickness	1/2"
Square Tube at 90° (Mild Steel)	4-3/4" x 4-3/4"
Square Tube at 45° (Mild Steel)	3-7/8" x 3-7/8"
Rectangle Tube at 90° (Mild Steel)	3-7/8" x 6-7/16"
Rectangle Tube at 45° (Mild Steel)	3-15/16" x 4-5/16"
Round Tube at 90° (Mild Steel)	Ø 4-3/4"
Round Tube at 45° (Mild Steel)	Ø 3-15/16"
Minimum Cut Off Length	5/16"

COMPATIBLE BLADES





EVOMAX ULTRA LONG LIFE BLADE

Premium 80 cermet carbide tooth blade hand crafted in Japan for 50% longer than the leading competitors blade

PRECISION MITER CUTS

- 46° - 46° mitering table for accurate miter cuts without needing to move the workpiece
- Positive stops at common angles for fast miter setting
- Premium stainless steel miter gauge

EVOMAX INTELLIGENT MOTOR

15A EVOMAX intelligent motor technology optimizes the blade speed for up to 30% longer blade life.

- Soft start prevents power trips
- E-brake stops the blade in seconds

SHADOWLINE CUT GUIDE

Trigger activated LED casts a precise shadow of the blade for accurate cuts alignment



3-POSITION CUTTING HEAD

Moves the blade forwards / backwards to optimize the cut path for longer blade life and added safety.



HEAVY-DUTY DESIGN

- Cast aluminum base with reinforcement ribs for strength.
- 1/4" steel plate reinforced fences to eliminate flex
- Knurled fences for extra grip

VERSATILE CLAMPING

- Dual quick-release front clamps with heavy-duty ACME lead screw
- Free horizontal movement to clamp any size workpiece
- Height adjustable clamp bar
- V-block adaptors supplied



We've got your back with a 3-Year Warranty on all our Power Tools and Stands

evoMAX™

15" METAL CUTTING CHOP SAW

CAST ALUMINUM BASE W/STEEL WEAR PLATE

The next generation of Evolution cold cutting chop saws are here—Expertly designed to maximize your blade life and improve accuracy.



**INTELLEGENT
MOTOR ADDS 30%
EXTRA BLADE LIFE**



**SHADOW LINE
CUT GUIDE**



**ULTRA LONG-LIFE
BLADE INCLUDED**

SPECIFICATIONS

Model Name	S15CPS
SKU	084-0004A
Motor	15A, 120V 60Hz
Soft Start Motor	✓
Blade Brake	✓
No-load Speed	1100 RPM
Blade Supplied	14" EVO MAX Mild Steel, EVOMAX14ST
Blade Size	14"/15"
Arbor Size	1"
Product Weight	60.1 LBS
Base	Cast Aluminum w/ steel wear plate
Fence & Vice	Cast iron w/ ACME thread
Quick-release clamp	✓
Miter Fence	0°-45° w/ tool-free adjustment

CUTTING CAPACITIES

Max. Mild Steel Plate Thickness	1/2"
Square Tube at 90° (Mild Steel)	5 x 5"
Square Tube at 45° (Mild Steel)	3-1/2 x 3-1/2"
Rectangle Tube at 90° (Mild Steel)	3-3/4 x 7-1/8"
Rectangle Tube at 45° (Mild Steel)	3-1/8 x 4-3/8"
Round Tube at 90° (Mild Steel)	5-1/8"
Round Tube at 45° (Mild Steel)	4-1/8"
Minimum Cut Off Length	5/16"

COMPATIBLE BLADES



evoMAX™

14"

METAL CUTTING

CHOP SAW

WITH STAMPED STEEL BASE

The next generation of Evolution cold cutting chop saws is here—Expertly designed to maximize your blade life and improve accuracy.



**INTELLEGENT
MOTOR ADDS 30%
EXTRA BLADE LIFE**



**SHADOW LINE
CUT GUIDE**



**ULTRA LONG-LIFE
BLADE INCLUDED**

SPECIFICATIONS

Model Name	S14CPS
SKU	084-0004B
Motor	15A, 120V 60Hz
Soft Start Motor	✓
Blade Brake	✓
No-load Speed	1100 RPM
Blade Supplied	14" EVOMAX Mild Steel, EVOMAX14ST
Blade Size	14"
Arbor Size	1"
Product Weight	58.6 LBS
Base	Stamped Steel
Fence & Vice	Cast iron w/ ACME thread
Quick-release clamp	✓
Miter Fence	0°-45° w/ tool-free adjustment

CUTTING CAPACITIES

Max. Mild Steel Plate Thickness	1/2"
Square Tube at 90° (Mild Steel)	4-3/4 x 4-3/4"
Square Tube at 45° (Mild Steel)	3-1/2 x 3-1/2"
Rectangle Tube at 90° (Mild Steel)	3-3/4 x 7-1/8"
Rectangle Tube at 45° (Mild Steel)	3-1/8 x 4-3/8"
Round Tube at 90° (Mild Steel)	5-1/8"
Round Tube at 45° (Mild Steel)	4-1/8"
Minimum Cut Off Length	5/16"

COMPATIBLE BLADES



We've got your back with a 3-Year Warranty on all our Power Tools and Stands

14" METAL CUTTING CHOP SAW

WITH STAMPED STEEL BASE

The S355CPSL Metal Cutting Chop Saw combines precision, power, and portability. Its quick-release vise with a square-threaded rod ensures fast, secure clamping, while the 0°–45° miter capacity adds versatility. A chip deflector keeps the work area clean, making every cut smoother and more efficient.



ECONOMICAL PRESSED STEEL BASE



QUICK RELEASE VICE W/ CAST IRON FENCES



14" TUNGSTEN CARBIDE TIP BLADE SUPPLIED

SPECIFICATIONS

Model Name	S355CPSL
SKU	083-0010
Motor	15A, 120V 60Hz
No-load Speed	1450 RPM
Blade Supplied	14" Mild Steel, 14BLADEST
Blade Size	14"
Arbor Size	1"
Product Weight	51 LBS
Base	Stamped Steel Base
Fence & Vice	Cast iron w/ ACME thread
Quick-release clamp	✓
Miter Fence	0°–45° w/ tool-free adjustment

CUTTING CAPACITIES

Max. Mild Steel Plate Thickness	1/2"
Square Tube at 90° (Mild Steel)	4-3/4 x 4-3/4"
Square Tube at 45° (Mild Steel)	3-1/2 x 3-1/2"
Rectangle Tube at 90° (Mild Steel)	3-3/4 x 7-1/8"
Rectangle Tube at 45° (Mild Steel)	3-1/8 x 4-3/8"
Round Tube at 90° (Mild Steel)	5-1/8"
Round Tube at 45° (Mild Steel)	4-1/8"
Minimum Cut Off Length	5/16"

COMPATIBLE BLADES



EVOSAW 185HD

7-1/4"

METAL CUTTING

CHOP SAW

COMPACT & PORTABLE DESIGN

The EVOSAW185HD Metal Cutting Saw slices through mild steel without heat, burrs, or sparks, delivering clean, precise cuts. Its quick-release vise ensures fast adjustments, while the powerful 10A motor handles steel plate, square tube, and rebar with ease.



**COMPACT AND
PORTABLE DESIGN**



**QUICK-RELEASE
VICE**



**40T TUNGSTEN CARBIDE
TIP BLADE SUPPLIED**

SPECIFICATIONS

Model Name	EVOSAW185HD
SKU	0031-0013
Motor	10A, 120V 60Hz
No-load Speed	4200 RPM
Blade Supplied	7-1/4" Mild Steel, 185BLADEST
Blade Size	7-1/4"
Arbor Size	20mm
Product Weight	23 LBS
Base	Stamped Steel Base
Fence & Vise	Cast iron w/Quick Release Vise
Quick-release clamp	✓
Miter Fence	0°-45° w/ tool-free adjustment

CUTTING CAPACITIES

Max. Mild Steel Plate Thickness	1/4"
Max. Mild Steel Box Section Thickness	1/8"
Square Tube at 90° (Mild Steel)	2"
Square Tube at 45° (Mild Steel)	2"
Rectangle Tube at 90° (Mild Steel)	2 x 4"
Rectangle Tube at 45° (Mild Steel)	2 x 2"
Round Tube at 90° (Mild Steel)	Ø 2"
Round Tube at 45° (Mild Steel)	Ø 2"
Minimum Cut Off Length	5/16"

COMPATIBLE BLADES



We've got your back with a 3-Year Warranty on all our Power Tools and Stands

8-1/4" METAL CUTTING CIRCULAR SAW

WITH CHIP COLLECTOR

The S210CCS Heavy Duty Metal Cutting Circular Saw delivers precision and efficiency with its onboard chip collection, LED work light, and adjustable cutting depth. Its powerful motor and advanced TCT technology ensure clean, burr-free finishes every time.



INTEGRATED CHIP COLLECTION TRAY



BLADE GUARD RETRACTION LEVER



ACTIVE OVERLOAD PROTECTION EXTENDS TOOL LIFE

SPECIFICATIONS

Model Name	S210CCS
SKU	058-0004
Motor	15A, 120V 60Hz
No-load Speed	2800 RPM
Blade Brake	✓
Blade Supplied	8-1/4" Mild Steel, M210TCT-50CS
Blade Size	8-1/4"
Arbor Size	1"
Product Weight	24.7 LBS
Circular Saw Base	Q235 Polished Chrome
Track Compatible	✓ (with Track Adaptor Sold Separately)
LED Light	✓

CUTTING CAPACITIES

Max. Wall Mild Steel Plate Thickness	1/2"
Max. Wall Steel Square Tube Thickness	1/4"
Max. Depth of Cut at 0°	3"
Minimum Cut Off Piece Length	5/16"

COMPATIBLE BLADES



EVOLUTION TRACK ADAPTOR 058-0010 FOR THE S210CCS 8-3/4" CIRCULAR SAW

Improve your straight line cutting accuracy with the S210CCS track adapter and saw tracks.

7-1/4"

METAL CUTTING CIRCULAR SAW

LIGHTWEIGHT & POWERFUL

The S185CCSL Metal Cutting Circular Saw offers clean, burr-free cuts with its powerful 15A motor and lightweight design. Featuring adjustable bevel cutting, clear visibility, and premium blade options, it's perfect for precise steel and aluminum fabrication.



LIGHTWEIGHT AND PORTABLE DESIGN



ACCURATE 0° - 45° BEVEL FUNCTIONALITY



40T TUNGSTEN CARBIDE TIP BLADE SUPPLIED

SPECIFICATIONS

Model Name	S185CCSL
SKU	028-0004
Motor	15A, 120V 60Hz
No-load Speed	3700 RPM
Blade Supplied	7-1/4" Mild Steel, 185BLADEST
Blade Size	7-1/4"
Arbor Size	20mm
Product Weight	11.4 LBS
Parallel Edge Guide	✓
Max Bevel Cut Angle	45° w/ tool-free adjustment
Power Cable Length	10ft

CUTTING CAPACITIES

Max. Mild Steel Plate Thickness	5/16"
Max. Steel Square Tube Thickness	1/8"
Max. Depth of Cut at 0°	2-1/2"
Max. Depth of Cut at 45°	1-3/8"
Minimum Cut Off Piece Length	5/16"

COMPATIBLE BLADES



We've got your back with a 3-Year Warranty on all our Power Tools and Stands



14" EVOMAX MILD STEEL BLADE

Our new range of EVOMAX blades has been engineered to deliver the maximum number of cuts per blade possible and maintain the cleanest, most accurate edge for the entire blade life.



3500+ CUTS

WITH ONE BLADE THROUGH



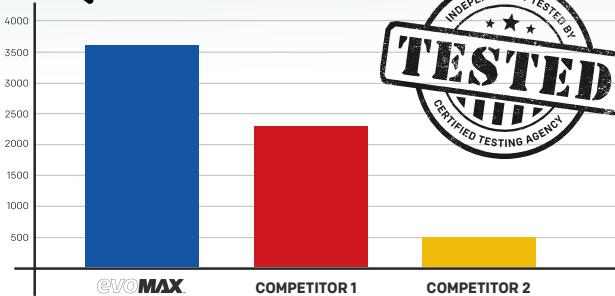
4" x 1/8"
ROUND TUBE



4" x 1/4"
STEEL PLATE

CERMET CARBIDE

Superior quality Japanese cermet carbide teeth provide a cleaner, more accurate cut through steel vs Tungsten Carbide



50% LONGER BLADE LIFE Vs LEADING COMPETITORS

Independent testing concluded that this blade achieved 50% more cuts than the leading competitor through a mix of 4" x 1/8" round tube and 4" x 1/4" steel plate!

SPECIFICATIONS

Model Name	EVOMAX14ST
Designed to cut	Mild Steel
Diameter	14"
Tooth Count	80
Tooth Material	CERMET Carbide
Tooth Kerf	0.087"
Arbor Size	1"
Max. Speed	1600 RPM
Anti-Vibration	✓
Manufactured in	Japan

EVOMAX 14AL

evoMAX™

14"

EVOMAX

ALUMINUM

BLADE

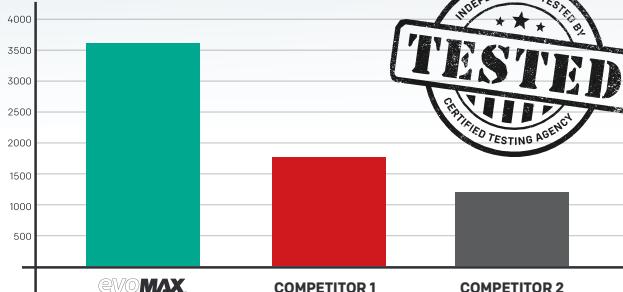
Our new range of EVOMAX blades has been engineered to deliver the maximum number of cuts per blade possible and maintain the cleanest, most accurate edge for the entire blade life.



3500+ CUTS

WITH ONE BLADE THROUGH

4" x 1/8"
ROUND TUBE



2X LONGER LIFE

Vs LEADING COMPETITOR BLADES

Independent testing concluded that this blade achieved twice the number of cuts than the next best leading competitor blade made through 4" x 1/8" round tube.

TUNGSTEN CARBIDE

Superior quality Japanese tungsten carbide teeth with anti-vibration slots provide a cleaner, more accurate cut for the entire life of the blade.

SPECIFICATIONS

Model Name	EVOMAX14AL
Designed to cut	Aluminum
Diameter	14"
Tooth Count	100
Tooth Material	Tungsten Carbide
Tooth Kerf	0.094"
Arbor Size	1"
Max. Speed	1600 RPM
Anti-Vibration	✓
Manufactured in	Japan



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INDUSTRIAL SAW BLADES

Cut faster, colder and cleaner plus save money with Evolution carbide tipped blades. What more can you ask for?

FASTER.

We know that time is money, so you don't want to spend any more time than you need to cutting materials. Our blades will slice through mild steel up to 4 times faster than an abrasive disc so you can get back to doing what you do best.

CLEANER.

You'll not only save time during the cut, but after too! Our blades leave an instantly workable finish with no burrs to contend with reducing your re-work time. Take your workpiece from the saw, straight to the welding table.

COLDER.

There's nothing more frustrating than waiting for your workpiece to cool down, right? Kiss goodbye to standing around - our blades cut cold so you can grab it right off the saw and keep working.

SAVE MONEY.

We know what you're thinking, that sounds expensive... Wrong. Our blades offer cheaper cutting than an abrasive disc! You'll get more cuts per dollar plus you won't be visiting the store as often to buy replacement blades.



	Blade	Diameter	Part No.	Max. Speed	Arbor Ø	Kerf	Teeth
PREMIUM	MILD STEEL ✓ Square tube ✓ Plate ✓ Angle steel ✓ Pipe & tube	14"	EVOMAX14ST	1600 RPM	1"	0.087"	80
	ALUMINUM ✓ Gratings ✓ Pipe & tube ✓ Extrusions	14"	EVOMAX14AL	1600 RPM	1"	0.094"	100
MILD STEEL	MILD STEEL Ideal for mild steel & other ferrous materials. ✓ Square tube ✓ Plate ✓ Angle steel ✓ Pipe & tube	5-3/8"	5-3/8BLADEST	4200 rpm	20mm	0.063"	30
		6-1/2"	6-1/2BLADEST	9000 rpm	5/8"	0.078"	40
		7"	180BLADEST	5800 rpm	20mm	0.078"	36
		7-1/4"	185BLADEST	3900 rpm	20mm & 5/8"	0.078"	40
		8"	8BLADEMS	5800 rpm	5/8"	0.078"	50
		8-1/4"	M210TCT-50CS	3750 rpm	1"	0.078"	50
		9"	230BLADEST	3000 rpm	1"	0.078"	48
		10"	10BLADEST	5200 rpm	1" & 5/8"	0.078"	52
		12"	12BLADEST	1600 rpm	1"	0.083"	60
		14"	14BLADEST	1600 rpm	1"	0.094"	66
STAINLESS STEEL	STAINLESS STEEL ✓ Square tube ✓ Plate ✓ Angle steel ✓ Pipe & tube ✓ Diamond plate Designed to cut 302, 303 & 304 grades only.	15"	15BLADEST	1600 rpm	1"	0.094"	70
		7"	180BLADESSN	3900 rpm	20mm	0.070"	48
		7-1/4"	185BLADESSN	3900 rpm	20mm	0.070"	48
		8"	8BLADESSN	5800 rpm	5/8"	0.070"	54
		8-1/4"	S210TCT-54CS	3750 rpm	1"	0.070"	54
		9"	230BLADESSN	3000 rpm	1"	0.070"	60
		10"	10BLADESSN	5200 rpm	1"	0.078"	66
		12"	12BLADESSN	1600 rpm	1"	0.083"	80
		14"	14BLADESSN	1600 rpm	1"	0.094"	90
		7"	7BLADEAL	3900 rpm	20mm	0.078"	54
ALUMINUM	ALUMINUM Ideal for aluminum & non-ferrous materials. ✓ Gratings ✓ Pipe & tube ✓ Extrusions	8"	8BLADEAL	5800 rpm	5/8"	0.094"	60
		8-1/4"	A210TCT-60CS	3750 rpm	1"	0.094"	60
		9"	230BLADEAL	3000 rpm	1"	0.094"	80
		10"	10BLADEAL	5200 rpm	1"	0.094"	80
		12"	12BLADEAL	1600 rpm	1"	0.083"	80
		14"	14BLADEAL	1600 rpm	1"	0.094"	80
		7"	180BLADETS	3900 rpm	20mm	0.063"	68
THIN STEEL	THIN STEEL Ideal for ferrous materials under 1/8" thickness. ✓ Sheet metal ✓ Metal roofing ✓ Electrical conduit	8-1/4"	T210TCT-68CS	3750 rpm	1"	0.070"	68
		9"	230BLADETS	3000 rpm	1"	0.078"	60
		14"	14BLADETS	1600 rpm	1"	0.094"	90
		7-1/4"	RAGEBLADE	5000 rpm	20mm	0.066"	20
MULTI-MATERIAL	MULTI-MATERIAL ✓ Mild Steel ✓ Wood & plastics ✓ Aluminum ✓ Wood with nails ✓ Copper & brass ✓ PVC & plexi-glass	8-1/4"	R210TCT-24	5000 rpm	1"	0.067"	24
		9"	RAGE230BLADE	3000 rpm	1"	0.078"	26
		10"	RAGE255BLADE	3250 rpm	1"	0.078"	28
		14"	RAGE355BLADE	1600 rpm	1"	0.086"	36

*Evolution's internal test data. Important notice: Always use supplied safety equipment when operating and follow cutting instructions provided in the operator's manuals.



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MITERING CHOP SAW STAND

WITH POWERLIFT ASSIST

OPTIMIZED FOR S355MCS



The one you've been waiting for—the Mitering Chop Saw Stand is a sturdy and portable saw stand specifically designed for use with the Evolution S355MCS giving you a portable metal miter station.



POWER LIFT ASSIST

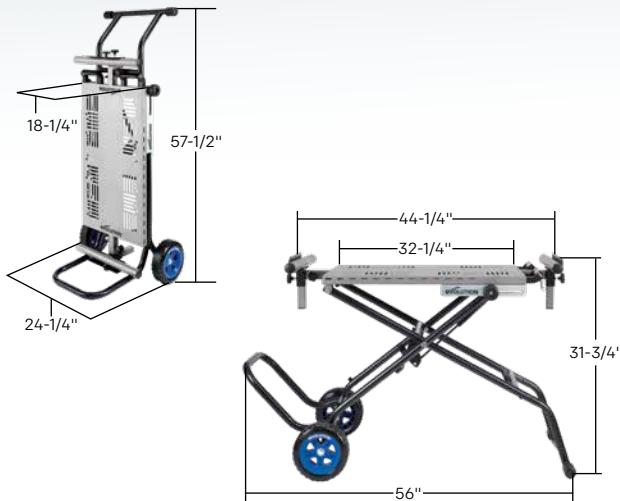
POWERLIFT ASSIST DOES THE HEAVY LIFTING AND GREATLY REDUCES THE FORCE NEEDED TO LIFT THE SAW & STAND



EXTENDABLE WORKPIECE SUPPORT ARMS MAKE IT EASY TO WORK WITH LONG MATERIALS

SPECIFICATIONS

Model Name	MCSSTAND
SKU	133-0001
Product Weight	57.4 LBS
Max Capacity	662 LBS
Table Dimensions	18-1/4" x 32-1/4"
Height	31-3/4"
Support Arm Width	Up To 64-1/2"
Material	Steel
Wheels	Large All-Terrain Wheels
Collapsed Size	57-1/2" x 24-1/4"
Supplies Included	Assorted Nuts & Bolts
End Stops	Two, Attached To Each Arm
Compatible with	MCS, CPS models, and most leading chop saws



EVO CS2

UNIVERSAL CHOP SAW STAND

VERSATILE STAND FOR ANY JOB

The Evolution Universal Chop Saw Stand offers unmatched stability and portability, supporting up to 496 lbs. With adjustable height, telescopic arms, and folding legs, it's perfect for precise, repeatable cuts in any workspace.



UNIVERSAL CHOP SAW STAND



HEIGHT ADJUSTABLE W/ TELESCOPIC LEGS



EXTENDABLE SUPPORT ARMS

SPECIFICATIONS

Model Name	EVOCS2
SKU	005-0002
Product Weight	35 LBS
Load Capacity	496lbs
Table Top Size (W x D)	18-1/16" x 23-9/16"
Min. Chop Saw Width	8-10/16"
Max. Chop Saw Width	12-10/16"
Stand Min Height	23-6/16"
Stand Max Height	32-1/16"
Stand At Floor Width	32-13/16"
Stand At Floor Depth	37-14/16"

COMPATIBLE WITH



S15 CPS



S14 CPS



S380 CPS



S355 CPSL



EVOSAW 185HD



R355 CPS



RAGE 4



Most Other Leading Brands



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1-5/8" MAGNETIC DRILL WITH CASE

ENGINEERED FOR INDUSTRIAL USE

The EVOMAG42 Magnetic Drill delivers powerful magnetic adhesion in a lightweight, portable design. Ideal for site use and confined spaces, it handles heavy-duty drilling with ease. An integrated coolant system and included carry case enhance durability and convenience.



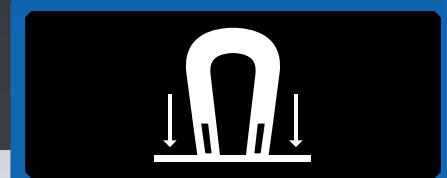
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ACCURATE DUAL DOVETAIL SLIDES



COOLANT SYSTEM EXTENDS CUTTER LIFE



POWERFUL 2-STAGE MAGNET

SPECIFICATIONS

Model Name	EVOMAG 42
Motor	10A, 120V 60Hz
Max. Travel	11-1/2"
Magnet Adhesion	2860 lbs
Magnet Size	7-3x32" x 3-1/2" x 1-17/32"
No Load Speed	450 rpm
Product Weight	26.5 LBS
Power Cord	8 ft Rubber
Overload Protection	Yes

CUTTING CAPACITIES

Maximum Annular Cutting Capacity	1-5/8"
Maximum Cutting Depth	2"
Cutter Shank	3/4"
Standard Twist Drill Capacity	1/2"
Minimum Plate Thickness	3/8"

IN THE BOX

EVOMAG42, Keyed Chuck, Chuck Adapter, Chuck Key, 3 Piece Handle, Safety Strap, 4x hex keys, Safety Guard, Cooling Fluid Bottle & Tube, Carry Case & Instruction Manual



S28 MAG

1-1/8"

MAGNETIC DRILL

WITH CASE

COMPACT, POWERFUL, AND PORTABLE

The S28MAG 1-1/8" Magnetic Drill delivers precision drilling with a 2-stage magnet for ultimate stability and a tri-spoke spindle handle for total control. Its coolant system prevents overheating, and a robust carry case ensures easy transport.



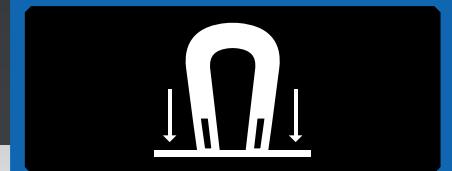
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ACCURATE DUAL DOVETAIL SLIDES



COOLANT SYSTEM EXTENDS CUTTER LIFE



POWERFUL 2-STAGE MAGNET

SPECIFICATIONS

Model Name	S28MAG
Motor	10A, 120V 60Hz
Max. Travel	11-1/2"
Magnet Adhesion	2860 lbs
Magnet Size	7-3x32" x 3-1/2" x 1-17/32"
No Load Speed	450 rpm
Product Weight	26 LBS
Power Cord	8 ft Rubber
Overload Protection	Yes

CUTTING CAPACITIES

Maximum Annular Cutting Capacity	1-1/8"
Maximum Cutting Depth	2"
Cutter Shank	3/4"
Standard Twist Drill Capacity	1/2"
Minimum Plate Thickness	3/8"

IN THE BOX

S28MAG, Keyed Chuck, Chuck Adapter, Chuck Key, 3 Piece Handle, Safety Strap, 2x hex keys, Safety Guard, Cooling Fluid Bottle & Tube, Carry Case & Instruction Manual



We've got your back with a 3-Year Warranty on all our Power Tools and Stands

PREMIUM ANNULAR CUTTERS

We offer a full range of annular cutters for a wide variety of drilling applications.

Annular cutters save time and energy when compared to other hole producing methods. Only cutting the periphery of the hole means annular cutters produce a reamed quality, burr-free hole. No step drilling is required and holes are cut quickly and accurately.

Evolution offers two grades of annular cutters to suit different metal cutting requirements;

- **Cyclone M2AL high speed steel annular cutters**
- **Carbide tipped premium grade cutters**

Cyclone M2AL high speed steel annular cutters:

M2AL cutters have been developed as an alternative to the more common M2, M35 and M42 cutters. M2AL offers many advantages over these traditional cutter types. Tooth hardness is optimized and heat treated to 68HRC to maximize cutter performance. M2AL cutters also include a tapered hardness from the shank, through the cutter body and to the cutter teeth. This makes the cutters more resistant to the torque created while cutting and thus prevent breakage.

Included pilot pin:

Evolution recommends that all annular cutters be cooled properly throughout the cut to ensure cutter life is optimized. In order to accomplish this, an included pilot pin is required so coolant can be delivered directly to the cutting surface. The included pilot pin is yet another value added feature that makes Evolution annular cutters the easy choice for industrial drilling applications.



CYCLONE M2AL HIGH SPEED STEEL ANNULAR CUTTERS

Evolution Standard Geometry

Evolution standard geometry is sufficient for most drilling applications. Manufactured specifically to maximize hole accuracy while minimizing cutter vibration and extending annular cutter life.

Evolution iD Style Geometry

When drilling through multiple layers of material, Evolution's ID style cutters are recommended. Using this custom geometry enhances accuracy and saves time when compared to the alternative method of stopping after each layer and removing the residual slug. This allows for a single ejection of slugs when drilling through stacked material.

Diameter	Decimal Equivalent	1" Depth	2" Depth	3" Depth	4" Depth	6" Depth
7/16"	0.4375"	CC437	CC437L	-	-	-
1/2"	0.5000"	CC500	CC500L	-	-	-
9/16"	0.5625"	CC562	CC562L	-	-	-
5/8"	0.6250"	CC625	CC625L	-	-	-
11/16"	0.6875"	CC687	CC687L	CC687X	-	-
3/4"	0.7500"	CC750	CC750L	-	-	-
13/16"	0.8125"	CC812	CC812L	CC812X	CC812XL	-
7/8"	0.8750"	CC875	CC875L	-	-	-
15/16"	0.9375"	CC937	CC937L	CC937X	CC937XL	CC937XLX
1"	1.0000"	CC100	CC100L	-	-	-
1-1/16"	1.0625"	CC106	CC106L	CC106X	-	-
1-1/8"	1.1250"	CC112	CC112L	CC112X	-	-
1-3/16"	1.1875"	CC118	CC118L	-	-	-
1-1/4"	1.2500"	CC125	CC125L	-	-	-
1-5/16"	1.3125"	CC131	CC131L	-	-	-
1-3/8"	1.3750"	CC137	CC137L	-	-	-
1-7/16"	1.4375"	CC143	CC143L	-	-	-
1-1/2"	1.5000"	CC150	CC150L	-	-	-
1-9/16"	1.5625"	CC156	CC156L	-	-	-
1-5/8"	1.6250"	CC162	CC162L	-	-	-
1-11/16"	1.6875"	CC168	CC168L	-	-	-
1-3/4"	1.7500"	CC175	CC175L	-	-	-
1-13/16"	1.8125"	CC181	CC181L	CC181X	-	-
1-7/8"	1.8750"	CC187	CC187L	-	-	-
1-15/16"	1.9375"	CC193	CC193L	CC193X	-	-
2"	2.0000"	CC200	CC200L	-	-	-
2-1/4"	2.2500"	CC225	CC225L	-	-	-
2-1/2"	2.5000"	-	CC250L	-	-	-
2-9/16"	2.5600"	-	CC256L	-	-	-
2-3/4"	2.7500"	-	CC275L	-	-	-
3"	3.0000"	-	CC300L	-	-	-



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GET THE SET!

Too many cutters to chose from? Then you need a cutter set. We've carefully picked a selection of the most commonly used cutters and put them in a handy storage case to make a range of cutter sets.



6 PIECE CYCLONE CUTTER SET - 1" DEPTH

Part Number: **CC6SET-1**

Diameter	Depth	Cutter
9/16"	1"	CC562
5/8"	1"	CC625
11/16"	1"	CC687
13/16"	1"	CC812
15/16"	1"	CC937
1"	1"	CC100

6 PIECE CYCLONE CUTTER SET - 2" DEPTH

Part Number: **CC6SET-2**

Diameter	Depth	Cutter
9/16"	2"	CC562L
5/8"	2"	CC625L
11/16"	2"	CC687L
13/16"	2"	CC812L
15/16"	2"	CC937L
1"	2"	CC100L

6 PIECE CYCLONE CUTTER SET - 1" DEPTH

Part Number: **CC5S6SET-1**

Diameter	Depth	Cutter
1/2"	1"	CC500
9/16"	1"	CC562
5/8"	1"	CC625
3/4"	1"	CC750
7/8"	1"	CC875
1"	1"	CC100

6 PIECE CYCLONE CUTTER SET - 2" DEPTH

Part Number: **CT6SET-2**

Diameter	Depth	Cutter
11/16"	2"	CT687L
3/4"	2"	CT750L
13/16"	2"	CT812L
7/8"	2"	CT875L
15/16"	2"	CT937L
1"	2"	CT100L

12 PIECE CYCLONE CUTTER SET - 1" DEPTH

Part Number: **CC12SET-1**

Diameter	Depth	Cutter
7/16"	1"	CC437
1/2"	1"	CC500
9/16"	1"	CC562
5/8"	1"	CC625
11/16"	1"	CC687
3/4"	1"	CC750
Diameter	Depth	Cutter
13/16"	1"	CC812
7/8"	1"	CC875
15/16"	1"	CC937
1"	1"	CC100
1-1/16"	1"	CC106
1-1/8"	1"	CC112

12 PIECE CYCLONE CUTTER SET - 2" DEPTH

Part Number: **CC12SET-2**

Diameter	Depth	Cutter
7/16"	2"	CC437L
1/2"	2"	CC500L
9/16"	2"	CC562L
5/8"	2"	CC625L
11/16"	2"	CC687L
3/4"	2"	CC750L
Diameter	Depth	Cutter
13/16"	2"	CC812L
7/8"	2"	CC875L
15/16"	2"	CC937L
1"	2"	CC100L
1-1/16"	2"	CC106L
1-1/8"	2"	CC112L



CYCLONE PREMIUM TAP SIZE CUTTERS

For tapping applications, Evolution offers annular cutters that correspond to most standard tap sizes.

Tap Size	Cutter	Decimal Equivalent	1" Depth	2" Depth
1/2"-13 NC	27/64"	0.4219"	CC27/64	CC27/64L
5/8"-11 NC	17/32"	0.5312"	CC17/32	CC17/32L
3/4"-10 NC	21/32"	0.6562"	CC21/32	CC21/32L

EVOLUTION CHUCK & ADAPTER DRILLING

Chucks and adapters enable twist drills to be used with Evolution Magnetic Drills.



Product	Description	Compatible With	Part Number
	1/2" Chuck & Key	EVOMAG28 & EVOMAG42	HTA153
	Chuck Adapter. Required to fit the HTA153 1/2" chuck.	EVOMAG42	HTA47
	Chuck, Key & Adapter	EVOMAG50	HTA51 & HTA127
	Chuck Arbor	EVOMAG75	HTA51 & HTA53TD
	Quick Change Adapter	Fits competitor's quick change arbors to enable high performance Cyclone Premium Grade Cutters to be used. <i>Requires extended length pilot pin.</i>	QIANMD

INDIVIDUAL PILOT PINS



Part No.	Diameter x Length	Cutter sizes this pin fits
PN01	3/16" x 3.0"	CC437, CC27/64, CC29/64
PN02	1/4" x 3.0"	CC500-CC237, CC12MS-CC60MS
PN05	3/16" x 4.0"	CC437L, CC27/64L, CC29/64L
PN06	1/4" x 4.0"	CC500L-CC237L, CC12ML-CC60ML, CT687L-CT237L
PN08	1/4" x 5.0"	Quick Change Adapter (QIANMD)
PN10	1/4" x 6.0"	Quick Change Adapter (QIANMD)
PN2T	5/16" x 4.0"	Quick Change Adapter (QIANMD)
PN3T	5/16" x 5.0"	CC687X-CC237X, CT687X-CT237X
PN4T	5/16" x 6.0"	CC812XL, CC937XL, CC106XL, CC118XL
PN6T	(2 Piece Pin)	CC937XLX, CC106XLX, CC118XLX



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CYCLONE PREMIUM GRADE CARBIDE TIPPED ANNULAR CUTTERS

For applications that require drilling in tougher alloys and materials, Evolution recommends using Premium Grade Carbide Tipped Cutters.

Diameter	Decimal Equivalent	2 In. Depth
11/16"	0.6875"	CT687L
3/4"	0.7500"	CT750L
13/16"	0.8125"	CT812L
7/8"	0.8750"	CT875L
15/16"	0.9375"	CT937L
1"	1.0000"	CT100L
1-1/16"	1.0625"	CT106L
1-1/8"	1.1250"	CT112L
1-3/16"	1.1875"	CT118L
1-1/4"	1.2500"	CT125L
1-5/16"	1.3125"	CT131L
1-3/8"	1.3750"	CT137L



ACCESSORIES



PREMIUM STEP DRILLS

Our premium, twin flute step drills are made from the same high quality M2AL as our Cyclone Premium Annular Cutters. We heat treat them to 68RC, giving you more durability during tough applications.



6 Hole, 1/4" Shank	3/16", 1/4", 5/16", 3/8", 7/16", 1/2"	SD-6
9 Hole, 3/8" Shank	1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"	SD-9
10 Hole, 3/8" Shank	1/4", 13/32", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"	SD-10
11 Hole, 3/8" Shank	1/4", 25/64", 35/64", 11/16", 13/16", 7/8", 1", 1-1/8", 1-7/32", 1-1/4", 1-3/8"	SD-11
12 Hole, 3/8" Shank	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"	SD-12

COUNTERSINKS

Create precision chamfer holes using our triple fluted countersinks with our magnetic drilling machines. Supplied with a 3/4" shank with two flats and drill an 82° chamfer.

1" Countersink with 3/4" Shank	CS823F
1-1/2" Countersink with 3/4" Shank	CS823F-15



INDUSTRIAL ARBOR

Quickly & easily adapt our cutters to fit any machine with a Three Morse Taper Gearbox. Our Three Morse Taper Arbor increases the versatility and capacity of many machines.

#2 Morse Taper Arbor	EVMT2-2
#3 Morse Taper Arbor	EVMT3-2



7 PIECE MINI CUTTER SET

These mini cutters are specially designed to deliver maximum performance when using a hand drill. They offer enhanced performance in speed, quality and durability and will outperform any twist drill or holesaw.

Mini Cutter Set - 7 Piece EVOMCS-7

Set includes 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4" mini cutters with 1/4" depth of cut capacity, 3/8" chuck arbor, 2 pilot pins, center punch, washers, stop washer & wrench.

INDIVIDUAL MINI CUTTERS

5/16" mini cutter	EVOMC-5/16
3/8" mini cutter	EVOMC-3/8
7/16" mini cutter	EVOMC-7/16
1/2" mini cutter	EVOMC-1/2
9/16" mini cutter	EVOMC-9/16
5/8" mini cutter	EVOMC-5/8
3/4" mini cutter	EVOMC-3/4



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S210CCS TRACK ADAPTER

Improve your straight line cutting accuracy with the S210CCS track adapter and saw tracks. Cast aluminum construction with quick mounting thumb screws quickly turn the S210CCS into a track saw for perfectly straight cuts. Compatible with tracks from Evolution, Festool, Makita and more. *Tracks sold separately.* SKU: 058-0010



STAY COOL UNDER PRESSURE

Extend the life of your cutters by keeping them cool with our high quality, water soluble semi-synthetic cutting fluid. We recommend mixing one part coolant to 8 parts water (recommendations vary based on application).

1 Pint	COOLPT
1 Quart	COOLQT
1 Gallon	COOLGAL
5 Gallons	COOL5GAL

CIRCULAR SAW TRACK KITS

Engineered for precision and stability, the kit deliver straight, accurate cuts with minimal tear-out. Featuring CNC-finished edges, zero-clearance splinter guards, and grip-enhancing strips.

EVOLUTION ST1400 G2 4'7" | 55"
CIRCULAR SAW TRACK KIT

SKU: 004-0011

4'7"



EVOLUTION ST2800 G2 9'2" | 110"
CIRCULAR SAW TRACK KIT

SKU: 004-0012

9'2"



CHIP COLLECTORS

Meet your new best friend in the workshop. After a hard days work, you want the clean up to be fast. Our Magnetic Chip Collectors easily pick up any loose chips using a strong magnet. Once you're done, deposit them into the trash using the onboard plunger and you're done. Try them for yourself! Available in 2 sizes.

15" Chip Collector	WANDMAG
40" Chip Collector	WANDMAG-MAX



DID YOU KNOW?

We can repair your power tools to keep them working as hard as you do.

We hope you don't need to call us for a tool repair, but if you do we'll be sure to get you cutting again in no time. Our North American based, 5 star customer service team will handle it all for you.



We offer a cutter sharpening service for any brand of cutter.

- We can sharpen High Speed Steel Annular Cutters & Carbide Tipped Annular Cutters to get them cutting as good as new so you never drill a bad hole.
- Got a cutter that's not Evolution? No problem! We will even sharpen other brand cutters too.



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US BASED CUSTOMER SERVICE TEAM

Whether you have a question about our products, need a word of advice, or just want to experience real 5 star customer service, our Iowa based call center is always on hand to support you.

98%

of orders are
processed the

SAME DAY!

98%

of approved warranty
repairs were completed
& shipped in

1 DAY!

evOLUTION[®]
PRODUCT CATALOG

CONTACT US

866-EVO-TOOL (866-386-8665)
evolutioninfo@evolutionpowertools.com

Order & shipping figures based on 2024 data. Evolution Power Tools are committed to continuous improvement, and we reserve the right to change product specifications at any time. All information is correct at the time of print – February 2025.

evolutionpowertools.com

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