# AGP°

# 2023 EUROPE PRODUCT CATALOG METAL WORKING



### **Our History**

In 1989, AGP started as a 2-person family company producing small power tools for the Taiwanese market. With the years of dedication and the constant expansion to new markets, we have grown to be an international organization with over 180 skilled employees which is currently distributing products on 6 continents. AGP Taiwan serves as the design and manufacturing center for global markets. We export over 60% of our products to European market. Since 2017, the sales and distribution of AGP products in the European market are organized by AGP Europe, located in Erpe Mere, Belgium.

### Interesting Fact

AGP comes from All Get Profit, as simple as it sounds, it symbolizes the values the founders of AGP keep, which are to be always mindful of all stakeholders within the entire business, including our suppliers and our customers.

### **BRAND VISION**

We Harness The Power of Technology, Enabling You to Achieve. BRAND MISSION

We Focus on Concrete Matters and Real Needs, Innovating Power Tools for The Toughest Demands.



### **R&D** Capabilities

With designers and engineers of unique backgrounds and a strategic R&D decision process, we transform new concepts into working power tools faster than most, providing advantages to our customers by greatly shortening the time frame to bring a new tool to market.

# Consistent High Quality and Flexibility

From in-house design and certified testing capabilities, to sourcing and production, we control each stage of the production process. This integration is key to maintaining consistent quality and maximum flexibility.

## **Responsive and Problem Solving**

Industry experience, creativity, and a dynamic team means we can be responsive to market needs. We listen to user suggestions to create products which are most suitable to their given market. We constantly seek out feedback from end users to find the best solutions to fit their needs.

### Global Service

AGP customers can receive their products fast, safely and smoothly, thanks to the close collaboration with our distribution network in various countries. Find high-quality drill motors, drill stand, saws, concrete grinders, wall chasers, drywall sanders and vacuum cleaners from our distributors.





# **Product Index**

the	
4	Ă_
1	8

# **Magnetic Core Drills**

Auto-Reverse Tapping Magnetic Core Drill	TP2000	
Low Profile Magnetic Core Drill	PMD3530	
1-Speed Magnetic Core Drills	SMD351L, SMD351H	P.05 - P.21
2-Speed Magnetic Core Drills	SMD352, SMD502, MD500/2	
4-Speed Magnetic Core Drills	MD750/4, MDS750/4, MD120/4	



# **Metal Saws**

Metal Saws

CS320, DRC355

P.22- P.25



### **Hole Cutting Drill** Hole Cutting Drill HC127

P.26 - P.27

P.28

**Tapper** 

Tapper

T14

# Key to symbols used this catalog:







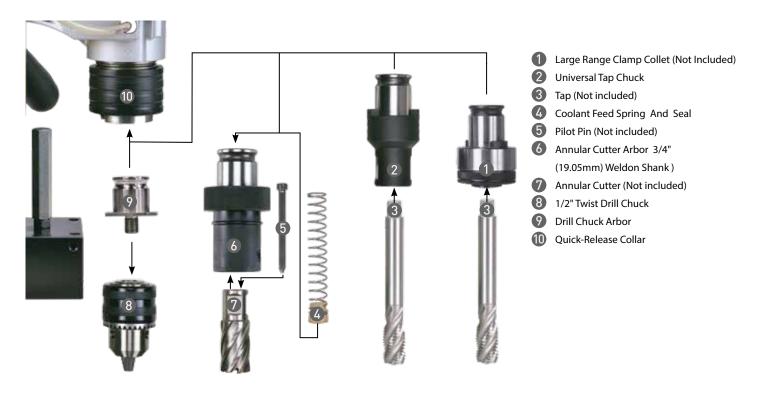
# **TP2000 MAGNETIC TAPPING & DRILLING MACHINE**

A patented, versatile, 1100 W magnetic tapping & drilling machine. Specially designed, two-mode gearbox with one setting for tapping with auto-reverse, and another setting for standard drilling. Convenient quick-release Bilz no.2 type coupling system.

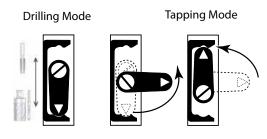


Model	TP2000
Power Input	1100 W
Voltage, Frequency	220-240 V~ 50-60 Hz, or 110-120 V~ 50-60 Hz
Tapping Mode: No / Full Load Speed min <sup>-1</sup>	150 (90) (350 in reverse)
Drilling Mode: No / Full Load Speed min <sup>-1</sup>	550 (330)
Spindle Coupling	31 mm (Bilz no. 2)
Annular Cutter Arbor	Set Screw Type, 19.05 mm (3/4") Weldon Shank
Capacity, Taps: Ø	20 mm (13/16")
Capacity, Cutters: Ø x Depth of Cut	35 mm x 50 mm (1-3/8" x 2")
Capacity, Twist Drills ( $\leq 1/2$ " shank): Ø x Depth of Cut	13 mm x 150 mm (1/2" shank x 6")
Magnetic Adhesion	15,000 N
Net Weight	14.5 kg (32.0 lb)
Characteristics / Certification	🛈 🖻 C E CB 🕻





**Mode Selector** 





Annular Cutter Arbor (Annular cutter and pilot pin not included)



Drill Chuck Arbor

Auto-Reverse Tapping Mode





### Features-

- 1. 2 mode gear box for optimized torque and cutting speed.
- 2. Mode Selector for shifting between Auto-Reverse Tapping Mode or Standard Drilling Mode.
- 3. The Quick-Release arbor makes it quick and tool-free to change cutters and accessories.
- 4. Depth Meter.
- 5. Travel Limiter Stop.



# PMD3530 LOW PROFILE MAGNETIC DRILL

A low-profile single speed 1100 W magnetic drilling machine for up to Ø 35 x 35 mm standard sized cutters. It's compact size fits into 198 mm vertical spaces. The LED work light is very useful in dark work areas.







Model	PMD3530
Power Input	1100 W
Voltage, Frequency	220-240 V~ 50-60 Hz, or 110-120 V~ 50-60 Hz
No Load (Rated Load) Speed min <sup>-1</sup>	650 (390)
Max. Capacity Øx Depth of Cut	35 mm x 35 mm (1-3/8" x 1-3/8")
Cutter Shank	19.05 mm (3/4") Weldon
Magnetic Adhesion	15,000 N
Net Weight	10.5 kg (23.2 lb)
Characteristics / Certification	









### Features -

- 1. 1 speed gear box for optimized torque and cutting speed.
- 2. The Quick-Release arbor makes it quick and tool-free to change cutters and accessories.
- 3. The adjustable tool-free lever can mount on either side.
- 4. LED light for working in dark space.
- 5. Ergonomic handle for convenient carrying.



# SMD351L & SMD351H VARIABLE SLIDE MAGNETIC DRILLS WITH QUICK-RELEASE ARBOR

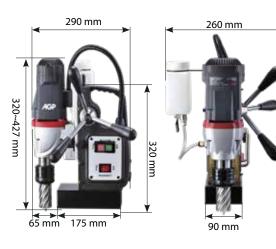
Single speed 1100 W magnetic drilling machines with quick-release arbor and adjustable slide height. The speed of the SMD 351L is optimized for HSS cutters up to Ø 42 x 50 mm and the SMD 351H is optimized for TCT cutters up to Ø 35 x 50 mm. Both are capable of twist drilling up to 1/2" shank.



## Features-

- 1. A versatile and economical tool that fulfills the needs of most operators.
- 2. The quick-adjustable variable height slide allows quick conversion between cutters and twist drills. Lower for cutters, raise for twist drills.
- 3. The Quick-Release arbor makes it quick and tool-free to change cutters and accessories.

Model		SMD351L	SMD351H		
Power Input		1100 W			
Voltage, Frequ	ency	220-240 V~ 50-60 Hz, or 1	10-120 V~ 50-60 Hz		
No / Full Load	(Rated Load) Speed min <sup>-1</sup>	450 (270)	730 (440)		
	Ø x Depth of Cut of Cutters	SMD351L: 42 x 50 mm (1-5/8" x 2") SMD351H: 35 x 50 mm (1-3/8" x 2")			
Max. Capacity	Ø Twist Drills	≤ 1/2" shank			
	Stroke	140 mm (5-1/2")			
Overload Prote	ection	With			
Magnetic Adhesion		17,000 N			
Net Weight		14.3 kg (31.5 lb)			
Characteristics	/ Certification		B 🗶 🕻		





# **SMD352 & SMD502** TWO SPEED, VARIABLE SLIDE MAGNETIC DRILLS WITH QUICK-RELEASE ARBOR

2 speed 1100 W magnetic drilling machine with quick-release arbor and adjustable slide height. Choose the SMD 352 for cutters up to  $\emptyset$  42 x 50 mm and the SMD 502 for cutters up to  $\emptyset$  50 x 50 mm. Both are capable of twist drilling up to 1/2" shank.



### Features-

- 1. 2 speed gear box for optimized torque and cutting speed for a wide range of cutting tools.
- 2. The quick-adjustable variable height slide allows quick conversion between cutters and twist drills. Lower for cutters, raise for twist drills.
- 3. The Quick-Release arbor makes it quick and tool-free to change cutters and accessories.

Model			SMD352	SMD502						
Power Input			1100 W							
Voltage, Frequ	ency		220-240 V~ 50-6	0 Hz, or 110-120 V~ 50-60	Hz	<b>-</b>	290 mm	290 mm	290 mm 270 mr	290 mm 270 mm
No / Full Load	• • • • • •	Speed 1	450 (270)	300 (180)		_				
Load) Speed m	nin⁻¹	Speed 2	730 (440)	450 (270)		1	$\uparrow \square \land \land \land$			
Mary Care aite	•	Cut of Cutters		x 50 mm ( 1-3/8" x 2") x 50 mm (2" x 2")		355	3	3		
Max. Capacity	Ø Twist Drill	ls	$\leq 1/2$ " shank			2				
	Stroke		140 mm (5-1/2")			-440 mm	to m	10 m	40 m	
Overload Prote	ection		With			3		320 mm		
Magnetic Adhe	esion		17,000 N							
Net Weight			14.8 kg (32.6 lb)			×.				
Characteristics	s / Certificatio	on			C		65 mm 175 mm		65 mm 175 mm	

# MD500/2 2-SPEED LONG-CUTTER MAGNETIC DRILL

A 2 speed 2000 W magnetic drilling machine for cutters up to Ø65 x 75 mm L and twist drills up to 16 mm (5/8") shank. Features extra long cutter capacity.

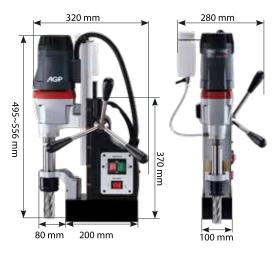


### Features-

- 1. 2 speed gear box for optimized torque and cutting speed for a wide range of cutting tools.
- 2. Extra Long Cutter Capacity.
- 3. Arbor Support Bracket.
- 4. The Quick-Release arbor makes it quick and tool-free to change cutters and accessories.

### Standard/Optional Accessories See p. 17

Model			MD500/2
Power Input			2000 W (220 V), 1700 W (110 V)
Voltage, Freque	ency		220-240 V~ 50-60 Hz, or 110-120 V~ 50-60 Hz
No / Full Load	(Rated	Speed 1	380 (230)
Load) Speed m	nin <sup>-1</sup>	Speed 2	550 (330)
	Ø x Depth o	of Cut of Cutters	65 mm x 75 mm (2-9/16" x 3")
Max. Capacity	Ø Twist Drills		≤ 16 mm (5/8") shank
Stroke			115 mm (4-1/2")
Overload Protection			With
Magnetic Adhesion			32,000 N
Net Weight			21.1 kg (46.5 lb)
Characteristics / Certification		tion	Ĵ͡⊉Ē€€B



4C



# MD750/4 4 SPEED, MT3 MAGNETIC DRILLING & TAPPING MACHINE MDS750/4 4 SPEED, MT3 SWIVEL BASE MAGNETIC DRILLING & TAPPING MACHINE

4-speed 2000 W heavy-duty magnetic drilling machine for cutters up to Ø 75 x 50 mm, twist drills up to 32 mm, and taps up to 25.4 mm. The MT3 arbor can also fit many other types of cutting tools. MDS750/4 features swivel Base for difficult to reach areas.



MD750/4

MDS750/4

Model			MD750/4	MDS750/4
Power Input			2000 W (220-240 V), 1700 W (11	0-120 V)
Voltage, Frequ	iency		220-240 V~ 50-60 Hz, or 110-12	0 V~ 50-60 Hz
		Speed 1	150 (90)	
No Lood (Data	d) Crana d mater <sup>-1</sup>	Speed 2	200 (120)	
No Load (Rate	a) speed min	Speed 3	300 (180)	
		Speed 4	380 (230)	
	Ø x Depth of Cut	of Annular Cutters	75 mm x 50 mm (3" x 2")	75 mm x 75 mm (3" x 3")
Drill Chuck Capacity Max. Capacity Ø of MT3 Twist Drill		≤ 16 mm (5/8") shank		
		rill	32 mm (1-1/4")	
	Ø of Taps		25.4 mm (1")	
	Stroke with MT3	Cutting Tools	145 mm (5-11/16")	155 mm (6-1/8")
Overload Protection		With		
Magnetic Adhesion		32,000 N		
Net Weight		24.4 kg (53.8 lb)	27.8 kg (61.3 lb)	
Characteristics / Certification		()≠۞⊡(	€CB	



### Twist Drilling with Chuck



MT3 Chuck Adaptor and Chuck (Optional)

### Tapping Mode (Optional)







MT3 #2 Range MT. Tapping Chuck & Tap Clamp Collet Cla



Twist Drilling

MT3 Twist Drill Bit

(Not included)





100 mm

280 mm

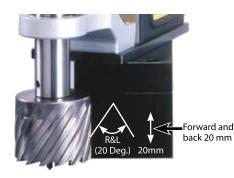
MD750/4



515~600 mm

Quick-Release Annular Cutter Arbor for cutters up to Ø 60mm







#### Features-

- 1. 4 speed gear box for optimized torque and cutting speed for a wide range of cutting tools.
- 2. Built-in cutting fluid system with unique through-the-spindle fluid feed.
- 3. Swivel Magnet Base Equipped for difficult to reach areas. (MDS750/4)
- 4. Reversing Switch for tapping.



# **MD120/4** 4 SPEED, MT3 MAGNETIC DRILLING & TAPPING MACHINE WITH VARIABLE SPEED

A 4-speed, 2000 W heavy-duty magnetic drilling machine for cutters up to Ø120 x 50 mm, twist drills up to 32 mm, and taps up to M32. The MT3 arbor can also fit many other types of cutting tools. The variable constant speed and sophisticated electronics allow optimized cutting speeds. The gearbox features a mechanical clutch for safety.





Model			MD120/4
Power Input			2000 W (220-240 V), 1700 W (110-120 V)
Voltage, Frequ	iency		220-240 V~ 50-60 Hz, or 110-120 V~ 50-60 Hz
		Speed 1	35-120
* Datad Load G	'nood min 1	Speed 2	70-220
* Rated Load S	peed min-i	Speed 3	80-250
		Speed 4	140-450
	Ø x Depth of 0	Cut (with Set-Screw Type Cutter Arbor)	120 mm x 50 mm(4-3/4" x 2"), (100 mm (4") depth optional)
	Ø x Depth of 0	Cut (with Quick-Release Cutter Arbor)	60 mm x 50 mm (2-3/8" x 2")
Chuck Capacity		ty	≤ 16 mm (5/8") shank
		t Drills	32 mm (1-1/4")
			32 mm (1-1/4")
	Stroke		215 mm (8-1/2")
Max. Spindle Height		Height	295 mm (11-5/8")
Overload Protection			With
Magnetic Adhesion			32,000 N
Net Weight			29.3 kg (64.6 lb)
Characteristics	Characteristics / Certification		℣ᅏᆃᆕᅒᢩᢙᠺ€ଔ

\* Due to the constant speed design, the no load and the rated load speeds are roughly the same.



### Tapping Mode (Optional)





MT3 #2 Range Tapping Chuck & Clamp Collet



MT3 #1 Range Tapping Chuck & Clamp Collet



Quick-Release Annular Cutter Arbor for cutters up to Ø 60 mm



### Twist Drilling with Chuck Twist Drilling





MT3 Chuck Adaptor and 5/8" Chuck (Not included)

MT3 Twist Drill Bit (Not included)



### Features-

- 1. 4 speed gear box with mechanical clutch for optimized torque and cutting speed for a wide range of cutting tools.
- 2. Built-in cutting fluid system for cutters with unique through-the-spindle fluid feed.
- 3. Stepless variable speed wheel for electronic speed control with constant speed circuitry.
- 4. Reversing Switch for tapping.
- 5. Special MT3 high-torque tang drive spindle (mounts any MT3 accessory).



# **Magnetic Drilling Accessories**

# **TP2000 Magnetic Tapping & Drilling Machine**

Standard Accessories	Part Number
Wrench M8	305-00302-004-001
L-Hex Key M2.5	305-00010-901-001
L-Hex Key M4	305-00010-901-002
Universal Tap Chuck	0202-0060-00000-012
Coolant Tank Kit	299-0007-00005-007
Annular Cutter Arbor 3/4" (19.05mm) Weldon Shank )	0202-0058-00907-002
1/2" Chuck And Chuck Key	305-00014-000-001
Drill Chuck Adaptor Arbor	0202-0059-00907-003
Chip Guard Kit	303-01007-000-003
Ratchet Strap	305-00034-004-002
Optional Accessories	
Tapping Chuck & Clamp Collet	See p. 20

# PMD3530 Low Profile Magnetic Drill

Standard Accessories	Part Number
Ratchet Strap	305-00034-004-001
Chip Guard Kit	203-0094-00000-002

# SMD351L & SMD351H Variable Slide Magnetic Drills With Quick-Release Arbor

•	-	
Standard Accessories	Part Number	
Wrench M8	305-00009-000-001	
L-Hex Key M2.5	305-00010-901-001	
L-Hex Key M4	305-00010-901-002	
T- Wrench M6	305-00004-901-002	
Coolant Tank Kit	299-0007-00005-007	
Ratchet Strap	305-00034-004-002	
Chip Guard Kit	303-01007-000-003	
Optional Accessories		
Quick-Release Chuck Adaptor	See p. 21	
1/2" (13 mm) Chuck & Chuck Key	305-00014-000-001	



# SMD352 & SMD502 Two Speed, Variable Slide Magnetic Drills With Quick-Release Arbor

Standard Accessories	Part Number
Wrench M8	305-00302-004-001
L-Hex Key M2.5	305-00010-901-001
L-Hex Key M4	305-00010-901-002
T- wrench M6	305-00004-901-002
Coolant Tank kit	299-0007-00005-007
Ratchet Strap	305-00034-004-002
Chip Guard Kit	303-01007-000-003
Optional Accessories	
Quick-Release Chuck Adaptor	302-04240-901-001
1/2" (13 mm) Chuck & Chuck Key	305-00014-000-001

# MD500/2 Long Cutter 2-Speed Magnetic Drill

Standard Accessories	Part Number
Wrench M8	305-00302-004-001
L-Hex Key M2.5	305-00010-901-001
Chip Guard Kit	303-01007-000-003
Coolant Tank Kit	299-0007-00005-007
Ratchet Strap	305-00034-004-002
Optional Accessories	
Chuck Adaptor	302-04020-901-014
5/8" (16 mm) Chuck & Chuck Key	305-00014-000-002



# **Magnetic Drilling Accessories**

# MD750/4 4 Speed, MT3 Magnetic Drilling & Tapping Machine

Standard Accessories	Part Number
MT3 Annular Cutter Arbor (set screw type)	302-04061-000-001
Wrench M8	305-00302-004-001
L-Hex Key M2.5	305-00010-901-001
L-Hex Key M4	305-00010-901-002
Chip Guard Kit	303-01007-000-003
Coolant Tank Kit	299-0007-00005-007
Ratchet Strap	305-00034-004-002
Drift	302-03022-903-001
Optional Accessories	
MT3 Chuck Adaptor	0202-0016-00000-001
5/8" (16 mm) Chuck & Chuck Key	305-00014-000-002
MT3 Tapping Adaptors	See p. 20
Tapping Attachments	See p. 20
MT3 Quick-Release Annular Cutter Arbor	See p. 20

# MDS750/4 4 Speed, MT3 Swivel Base Magnetic Drilling & Tapping Machine

	Standard Accessories	Part Number
	MT3 Annular Cutter Arbor (set screw type)	302-04061-000-004
	Wrench M8	305-00302-004-001
	L-Hex Key M2.5	305-00010-901-001
	L-Hex Key M4	305-00010-901-002
	Chip Guard Kit	303-01007-000-003
	Coolant Tank Kit	299-0007-00005-007
	Ratchet Strap	305-00034-004-002
	Drift	302-03022-903-001
	Wrench M17	305-00009-000-002
C	Pptional Accessories	
	MT3 Chuck Adaptor	0202-0016-00000-001
	5/8" (16 mm) Chuck & Chuck Key	305-00014-000-002
	MT3 Tapping Adaptors	See p. 20
	Tapping Attachments	See p. 20
	MT3 Quick-Release Annular Cutter Arbor	See p. 20

# MD120/4 4 Speed, MT3 Magnetic Drilling & Tapping Machine With Variable Speed

	•
Standard Accessories	Part Number
Wrench M8	305-00302-004-001
L-Hex Key M2.5	305-00010-901-001
L-Hex Key M5	305-00010-901-004
Chip Guard Kit	302-03203-907-001
Coolant Tank Kit	299-0007-00005-012
Ratchet Strap	305-00034-004-002
Drift	302-03022-903-001
MT3 (1-1/4" Weldon) Annular Cutter Arbor, 50 mm depth (set screw type)	302-04061-000-005
MT3 (3/4" Weldon) Annular Cutter Arbor, 50 mm depth (set screw type)	302-04061-000-003
Optional Accessories	
MT3 Chuck Adaptor	0202-0016-00000-001
5/8" (16 mm) Chuck & Chuck Key	305-00014-000-002
MT3 Tapping Adaptors	See p. 20
Tapping Attachments	See p. 20
MT3 (3/4" Weldon) Quick-Release Annular Cutter Arbor, 50 mm depth	See p. 20
MT3 (1-1/4" Weldon) Annular Cutter Arbor, 100 mm depth, (set screw type)	See p. 20
MT3 (3/4" Weldon) Annular Cutter Arbor, 75 mm depth, (set screw type)	See p. 20

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# **Magnetic Drilling Accessories**

# MD750/4, MDS750/4, MD120/4 Tapping Attachments MT3 #1 Range Tapping Chuck & #1 Range Clamp Collets

MT3 Small Range Tapping Chuck (For Clamp Collets 3 ~ 15mm) 302-04293-901-001

Clamp Collets		Clamp Collets						
Nominal Tap	Shank	ank Size of Part Number Nominal Tap Shank Size of		Size of	Part Number			
Sizes:	Dia.:	Square:		Sizes:	Dia.:	Square:		
M3-JIS	4.0	3.2	305-00155-000-001	UNC1/2-JIS	9.0	7.0	305-00155-000-041	
M4-JIS	5.0	4.0	305-00155-000-002	M3.5-DIN376	2.5	2.1	305-00155-000-015	
M5-JIS	5.5	4.5	305-00155-000-003	M4-DIN376	2.8	2.1	305-00155-000-016	
M6-JIS	6.0	4.5	305-00155-000-004	M4.5 / M5 -DIN376	3.5	2.7	305-00155-000-017	
M7/M8-JIS	6.2	5.0	305-00155-000-005	M6-DIN376	4.5	3.4	305-00155-000-019	
M9/M10-JIS	7.0	5.5	305-00155-000-006	M7-DIN376	5.5	4.3	305-00155-000-020	
M11-JIS	8.0	6.0	305-00155-000-007	M8-DIN376	6.0	4.9	305-00155-000-021	
M12-JIS	8.5	6.5	305-00155-000-008	M10-DIN376	7.0	5.5	305-00155-000-022	
M14/M15-JIS	10.5	8.0	305-00155-000-009	M12-DIN376	9.0	7.0	305-00155-000-023	
UNC5/16-JIS	6.1	5.0	305-00155-000-040	M14-DIN376	11.0	9.0	305-00155-000-024	

# MT3 #2 Range Tapping Chuck & #2 Range Clamp Collets

MT3 Large Range Tapping Chuck (For Clamp Collets 7 ~ 25mm) 302-04293-901-002

Clamp Collets				Clamp Collets			
Nominal Tap	Shank	Size of	Part Number	Nominal Tap	Shank	Size of	Part Number
Sizes:	Dia.:	Square:		Sizes:	Dia.:	Square:	Fart Number
M7/M8-JIS	6.2	5.0	305-00155-000-030	UNC 1/2-JIS	9.0	7.0	305-00155-000-042
M9/M10-JIS	7.0	5.5	305-00155-000-031	UNC 5/8-JIS	12.0	9.0	305-00155-000-046
M11-JIS	8.0	6.0	305-00155-000-032	M8-DIN376	6.0	4.9	305-00155-000-036
M12-JIS	8.5	6.5	305-00155-000-033	M10-DIN376	7.0	5.5	305-00155-000-037
M14/M15-JIS	10.5	8.0	305-00155-000-034	M12-DIN376	9.0	7.0	305-00155-000-038
M16-JIS	12.5	10.0	305-00155-000-010	M14-DIN376	11.0	9.0	305-00155-000-039
V18-JIS	14.0	11.0	305-00155-000-011	M16-DIN376	12.0	9.0	305-00155-000-025
M20-JIS	15.0	12.0	305-00155-000-012	M18-DIN376	14.0	11.0	305-00155-000-026
M22 / UNC7/8 -JIS	17.0	13.0	305-00155-000-013	M20-DIN376	16.0	12.0	305-00155-000-027
M24/M25-JIS	19.0	15.0	305-00155-000-014	M22 / M24 - DIN376	18.0	14.5	305-00155-000-028

#### MT3 Annular Cutter Arbors w/ 19.05 (3/4") or 31.75 mm (1-1/4") Weldon Shank (2 Sat Scrows C clin Washer O ring Water coal and Spring are included)

(2 Set Sciews, C- clip, Washer, O-ring, Water sear, and Spring are included)				
	Sizes:	Application	Part Number	
	ø19.05 mm (3/4") (L 186 mm), 50 mm depth	MD120/4	0299-0078-00000-003	
	ø19.05 mm (3/4") (L 212 mm), 50 mm depth	MDS750/4, MD120/4	0299-0078-00000-009	
	ø19.05 mm (3/4") (L 237 mm), 75 mm depth	MD750/4	0299-0078-00000-010	
	ø31.75 mm (1-1/4") (L 156 mm), 50 mm depth	MDS750/4, MD120/4	0299-0078-00000-035	



# MT3 Quick-Release Annular Cutter Arbors w/19.05 (3/4") Weldon Shank\*

(Spring & Water seal are included)

ø31.75 mm (1-1/4") (L 223 mm), 100 mm depth MD120/4

Sizes:	Application	Part Number
Single flat side with lock pin 12.3 mm	MD750/4, MD120/4	0299-0078-00000-001
Single flat side with lock pin 11.7 mm	MD750/4, MD120/4	0299-0078-00000-005
Single flat side with lock pin 12.3 mm	MDS750/4	0299-0078-00000-012
Single flat side with lock pin 11.7 mm	MDS750/4	0299-0078-00000-015
Two flat side with lock pin 12.3 mm	MDS750/4	0299-0078-00000-024
Two flat side with lock pin 11.7 mm	MDS750/4	0299-0078-00000-016



\*60 mm cutter maximum capacity

0299-0078-00000-042



# **Quick-Release Chuck Adaptors**

Description	Application	Part Number
Single flat side (shank 17.4mm) Chuck adaptor for 1/2" chuck		302-04240-901-001
Two flat side (shank 17.4mm) Chuck adaptor for 1/2" chuck	SMD series	302-04240-901-002
Single flat side (shank 17.9mm) Chuck adaptor for 1/2" chuck	SMD series	302-04240-903-003
Two flat side (shank 17.8mm) Chuck adaptor for 1/2" chuck		302-04240-903-004

## **Pilot Pins**

Description:	Dimensions	Part Number
Pilot Pin for 12-17 mm TCT 35L cutters	TCT - 90L x Ø 6.34 mm	305-00016-000-009
Pilot Pin for 18-60 mm TCT 35L cutters	TCT - 90L x Ø 7.98 mm	305-00016-000-008
Pilot Pin for 12-17 mm TCT 50L cutters	TCT - 106L x Ø 6.34 mm	305-00016-000-010
Pilot Pin for 18-60 mm TCT 50L cutters	TCT - 108L x Ø 7.98 mm	305-00016-000-011
Pilot Pin for 12-100 mm HSS 30L cutters	HSS - 77L x Ø 6.34 mm	305-00016-000-002
Pilot Pin for 12-100 mm HSS 50L cutters	HSS - 103L x Ø 6.34 mm	305-00016-000-003

# **Chuck Adaptors** (to allow mounting of a chuck for twist drilling)

Description:	Mount	Application	Part Number
Chuck Adaptor for 5/8" Chucks (5/8"-16 UNF)	M27-3.0	MD500/2	302-04020-901-014

Description:	Mount	Application	Part Number
Chuck Adaptor for 5/8" Chucks	MT3 / 5/8"-16		0202-0016-00000-001
Chuck Adaptor for B16 Taper Mount Chucks	MT3 / B16	MD750/4, DS750/4, MD120/4	302-04020-901-009

# **Drill Chucks & Chuck Keys**

Description & Clamping Capacity	Mount	Application	Part Number
5/8" Chuck (w/ Key) (1 mm~16 mm)	5/8"-16	EVP180 , MD750/4 , MDS750/4 MD500/2 , MD120 (MT3 Machines)	305-00014-000-002
1/2" Chuck (w/ Key) (1 mm~13 mm)	1/2"-20	EV21 , MD500/2 , SMD351H , SMD351L , SMD352 , SMD502 , ST50	305-00014-000-001



# **Magnetic Chip Collector**

(Push in the plunger to activate magnetic force to collect chips, Pull back the plunger to release the chips.)

Dimensions Part N	umber
400 mm x 25 mm 305-00	173-000-001





# **CS320 METAL CUTTING CIRCULAR SAW**

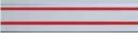
# PATENTED

Quickly cut metals such as steel, stainless, aluminum and others using 320 mm TCT dry cut blades for accurate, burr-free cuts. Extra deep 121 mm depth of cut and optional guide rail make it especially suited to cutting thick, corrugated sandwich panels.



### **OPTIONAL ACCESSORIES:**

The guide rail allows perfectly straight cuts and the cut-to-fit rubber strip shows the operator exactly where the cutting line will be.



Guide Rail 1400 mm Guide Rail 800 mm

### Features -

- 1. Unique, patented dust chamber cover opens and snaps closed in seconds. Highly effective dust and debris collection.
- 2. Large cutting capacity provided by the 320 mm metal cutting blade. A full 121 mm depth of cut when mounted on a guide rail.
- 3. Guide clearance adjustor.
- 4. Kicker Lever for opening the lower blade guard on thick, soft-cored sandwich panels.
- 5. LED Load Indicator enables maximum efficiency.

Model	CS320
Power Input	1800 W (220-240 V), 1700 W (110-120 V)
Voltage, Frequency	220-240 V~ 50-60 Hz, or 110-120 V~ 50-60 Hz
No Load min <sup>-1</sup> / Rated Load min <sup>-1</sup>	1700 / 1020
Rated Blade Diameter	320 mm
Arbor Hole Diameter	25.4 mm (1")
Max Cutting Depth	128 mm (121 mm on Guide Rail)
Soft Start & Overload Protection	With
Dimensions (LxWxH)	500 x 342 x 355 mm
Net Weight	8.4 kg (18.5 lb)
Characteristics / Certification	

# KC

# **Circular Saw Accessories**

# **CS320 Metal Cutting Circular Saw**

Optional Accessories	Part Number
3 Guide Rail 1400 mm	0299-0065-00164-001
Guide Rail 800 mm	0299-0065-00164-002
<b>b</b> Guide Rail Connector	0299-0106-00000-001
C Lever Clamp	305-00179-000-001
TCT Saw Blades (Excellent for sandwich panel)	305-00036-000-054



**b** Guide Rail Connector

C Lever Clamp

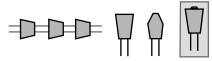
**d** TCT Saw Blades (Excellent for sandwich panel)

# **TCT Saw Blades**



TCT Saw Blades for Steel:										
Application	Dia. (mm)	Kerf. (mm)	Bore (mm)	Teeth	Plate (mm)	Hardness HRA	Carbio Thick	de (mm) Length	Hook Angle	Grind
CS320	320	2.2	25.4	80	1.8	90.8	1.9	6.2	<b>0</b> <sup>0</sup>	TCG

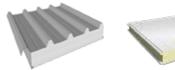
### **Note: Tooth Grind Patterns**



#### TCG (Triple Chip Grind)

Ideal for metal cutting blades. Gives long sharp life in hard materials. The pointed tooth cuts narrow kerf, then the flat-top raker tooth widens the kerf and clears out chips.

# **CS320 Work Materials**



Sandwich Panels up to 120 mm thick



**Steel Tubing** 



**Aluminum Extrusions** 



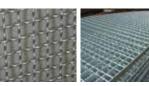




**Box Section Steel** 







**Diamond Plate** 

Metal gratings



# **DRC355 DRY-CUT METAL SAW**

Quickly cut metals such as steel, stainless, aluminum and others using 355mm (14") TCT dry cut blades for accurate, burr-free cuts. Up to 3 times faster than conventional abrasive wheel cut-off saws. Can also perform left and right miter cuts.



### Features-

- 1. High-stability cast alloy base.
- 2. Fence with scale swivels 45° in both directions with quick detents for the popular miter angles: 0°-15°-30°-45° left and right.
- 3. The locking holes may be used, if desired, for extra secure fence locking.
- 4. Two-piece Lower Blade Guard.
- 5. Tool-Free Fence Lock.
- 6. Quick-Lock Vise with Speed Crank.
- 7. Chip Tray.

Model	DRC355		
Power Input	2200 W		
Voltage, Frequency	220-240 V~ 50-60 Hz or 1	10-120 V~ 50-60 Hz	
No Load min <sup>-1</sup>	1300		
Rated Load min <sup>-1</sup>	780		
Max Blade Diameter	355 mm (14")		
Max. Cutting Capacities	<b>90</b> °	Round Pipe	132 mm
		Square Stock	120 mm (W) x 120 mm(H)
		Rectangular Stock	180 mm(W) x 100 mm(H)
	<b>Right Hand Miter</b>		
	45°	Round Pipe	105 mm
		Square Stock	90 mm(W) x 90 mm(H)
		Rectangular Stock	90 mm(W) x 120 mm(H)
	Left Hand Miter		
	25°	80 mm(W) x 120 mm(H)	
	30°	90 mm(W) x 120 mm(H) C-cla	mp required
	35°	80 mm(W) x 120 mm(H) C-cla	mp required
	45°	70 mm(W) x 120 mm(H) C-cla	mp required
Arbor	25.4 mm ( 1")		
Soft Start	With		
Dimensions (LxWxH)	680 x 360 x 580 mm		
Net Weight	23.5 kg (51.7 lb)		
Characteristics &	<b>I</b> CECR		
Certification			





Tool-free angle adjustment with detents. The locking holes may also be used, if desired, for extra-secure fence locking.



Quick-Lock Vise with Speed Crank



Chip tray

# **Circular Saw Accessories**

Standard Accessories	Part Number	<b>Optional Accessories</b>	Part Number
M4 Hex Key	305-00010-901-002	V-jig Block	201-0030-00902-001
M6 Hex Key	305-00010-901-003	Safety Goggles	305-00056-000-001
M8Hex Key	305-00010-901-005	Lever Clamp	305-00179-000-001
		TCT Saw Blade	305-00036-000-001



V-jig Block



TCT Saw Blades for Steel

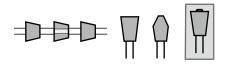
ICT Saw blades for Steel				Part Num	ber 305-	00036-000	-001		
Dia.	Kerf.	Bore	Teeth	Plate	Hardness	Carbi	de (mm)	Hook	Grind
(mm)	(mm)	(mm)		(mm)	HRA	Thick	Length	Angle	
355	2.4	25.4	80	2.0	90.8	1.9	6.2	0 <sup>0</sup>	TCG



#### **Note: Tooth Grind Patterns**

TCG (Triple Chip Grind)

Ideal for metal cutting blades. Gives long sharp life in hard materials. The pointed tooth cuts narrow kerf, then the flat-top raker tooth widens the kerf and clears out chips.



# **DRC355 Work Materials**



**Aluminum Extrusions** 

Diamond Plate



# **HC127 HOLE CUTTING DRILL**

A convenient tool for quickly drilling perfectly centered and perpendicular holes up to 127 mm diameter in pipes from 1-1/4" to 8-1/4". Excellent for installing mechanical tee fittings, pipe saddles, etc. Uses TCT hole saws.



Model	HC127
Power Input	1100 W
Voltage, Frequency	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
No Load min <sup>-1</sup>	130
Max. Cutting Capacity (Hole Cutter)	127 mm
Pipe Mounting Capacity	32 mm - 203 mm (600 mm w/ optional Long Chain Set)
Drill Chuck Capacity	16 mm shank
Overload Protection	With
Net Weight	14.5 kg(31.9 lb ) Not including Crank Handle
Characteristics / Certification	⑦ 嵒C€CB

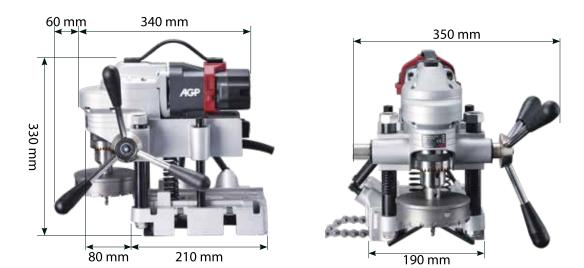












# Features -

- 1. Good balance for carrying.
- 2. The quick adjustable tool-free lever can mount on either side.
- 3. Chain vise clamping system quickly mounts machine onto 1-1 /4" to 8-1/4" diameter pipe. (32 mm-203 mm)
- 4. Built-in bubble levels for multiple hole alignment.

Standard Accessories	
16 mm (5/8") Chuck & Chuck Key	305-00014-000-002
Crank Handle Set	299-0068-00004-001
Optional Accessories	

Long Chain Set (for pipes up to 600 mm diameter) 305-00035-000-002



# T14 TAPPER

A convenient tool for quickly tapping a series of through holes or blind holes up to M16 (5/8"). The auto-reverse gearbox mechanism makes tapping a super fast operation.



### Features

- 1. 2-Jaw Universal Tapping Chuck is self-centering and grips any size tap from M6 up to M16.
- 2. Unique, purpose-built gearbox makes tapping fast, efficient, and uniquely controllable. Press down for low-geared clockwise rotation. Pull back for high-geared counterclockwise rotation. Neutral in the center.
- 3. Ergonomic handle makes it easy to hold the tool straight.
- 4. Depth Stop for blind hole tapping.
- 5. Long Side Handle for excellent control.
- 6. Safety Clutch integrated with the spindle.

Model	T14		Standard Accessories	
Power Input	450 W		Side Handle	203-0001-00000-001
Voltage, Frequency	220-240 V~ 50-60 Hz, or 110-120 V~ 50-60 Hz		M4 Hex Key	305-00010-901-002
No Speed min <sup>-1</sup>	Forward	280	Depth Stop	0202-0118-00000-001
	Reverse	680		
Tapping Capacity	Steel	14 mm (9/16")		
	Aluminum	16 mm (5/8")		
Dimensions (LxWxH)	400 x 80 x 200 mm			
Net Weight	2.7 kg (5.9 lb) (Not including side handle 0.45 kg (1lb))			
Characteristics / Certification	<b>⇒</b> □⊡(			




**4GP** 







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