

# AGE<sup>®</sup>



<b>ELECTRIC PISTON PUMP AIRLESS SPRAYERS &amp; AIR-ASSISTED AIRLESS PAINT SPRAYER &amp; ENGINE AIRLESS PAINT SPRAYER HVLP TURBINE PAINT SPRAYER</b>		HA10, EC021, PM021LF, PM025LF, PM021, PM025, PM031, PM039 AC023 & PE048 T328	6~15
<b>MAGNETIC CORE DRILLS</b>			
Auto-Reverse Tapping & Core Drill Machine	TP2000		
Low Profile Magnetic Drilling Machine	PMD3530		
Semi Auto Feed Magnetic Drilling Machine	MD300N		
Single Speed Magnetic Drilling Machine	SMD351L, SMD351H		
2 Speed Magnetic Drilling Machine	SMD352, SMD502		
2 Speed Swivel Base Magnetic Drilling Machine	ST50		
2 Speed Magnetic Drilling Machine	MD500/2		16~28
4 Speed Magnetic Drilling Machine	MD750/4		
4 Speed Swivel Base Magnetic Drilling Machine	MDS750/4		
4 Speed Magnetic Drilling Machine	MD120/4		
Vacuum Base Adapter			
Magnetic Drilling Machines Optional Accessory Specifications			
<b>METAL WORKING TOOLS</b>			
Tapper	T14		
High Frequency Beveling System	HP1400, P3K		
Electric Beveler	EB6T, EB12, EB24R		
8" Metal Cutting Circular Saw	CS200		
9" Metal Cutting Circular Saw	CS230N		
Dry Cut Saw	DRC355		
Metal Cutting Circular Saw	CS320		
TCT Saw Blades			31~43
Straight Grinder	SG6		
Wraparound Tube Sander / Polisher	WS760		
Drum Sander / Polisher	DP100		
<b>PLUMBING INDUSTRIAL TOOLS</b>			
Press Fitting Machine	PF8		
Digital Bending Machine	DB32		
Portable Threading Machine	PT600		
Manual Pipe Threader Sets			44~55
Hole Cutting Drill	HC127		
Reciprocating Saw	RS26, RS130B		
<b>WET/DRY VACUUM DUST EXTRACTORS</b>		DE25, DEP25	
<b>DIAMOND CORE DRILLS</b>			
Tile Core Drill	TC20, TC40, TC402		
Wet + Dry Diamond Core Drill Motor	DM160		
Wet Diamond Core Drill Motor	DM2		
Wet + Dry Diamond Core Drill Motors	DM51P, DM51D, DME51D, DM5P, DM5D, DM52P, DM52D, DME52D		
Wet Diamond Core Drill Motors	DM6P, DM6D, DM8P		56~77
Wet+Dry Diamond Core Drill Motors	DMC6P, DMC6D		
Dry Diamond Core Drill Motor	DM62, DD62		
Rig-Mounted Diamond Core Drill Motors	DM9, DM10, DM12, DM14		
Diamond Core Drill Stands	S170, AS200, NS250, S350, S500, S800, OS250		
Diamond Core Bits & Optional Accessory Specifications			
Vacuum Pump	VP140		
<b>STONE &amp; CONCRETE WORKING TOOLS</b>			
Concrete Saw	C14, C16		
High Frequency Concrete Saw & P8k Converter	C18, P8K		
Ring Saw & High Frequency Ring Saw & P8k Converter	R13, R16, P8K		
Concrete Chain Saw	CS11, CS18		
Concrete Grinder	G125, G180		
High Frequency Brushless Concrete Grinder	BG125, BG5		79~104
Power Converter	P4K		
Concrete Grinder	G5		
Concrete Grinder With Built-In Dust Turbine	SM5		
Concrete Grinder	SM7		
Scouring Machine	SM125		
Stone Cutting Circular Saw	SCS7		
Wall Chaser	CS125N, CG125, CG150, CS180		
Wet Tile Saw	TS9		
Long-Reach Diamond Grinder	LG125		
High Frequency Integrated Concrete Vibrator	H35, H35S, H42S, H42		
Concrete Vibrator	VR600, VRN1400		
<b>ELECTRIC DRYWALL SANDERS</b>		HS225, GS9FSE, GS9FE, SB9	
<b>ELECTRIC MIXERS</b>			
Electric Mixer	EV32, EV42, EV52, EV160		
Electric Mixer	EV10ELM		
Electric Mixer / Drill	EVP180, EV21		105~117
<b>ROTARY POLISHERS</b>		SP2500, SP4000	
<b>WOOD WORKING TOOLS</b>			
Miter Saw	GP255, GP255S		
Plunge-Cut Circular Saw	DS1600		
<b>GEAR MACHINING &amp; ELECTRONICS BOARDS</b>			118



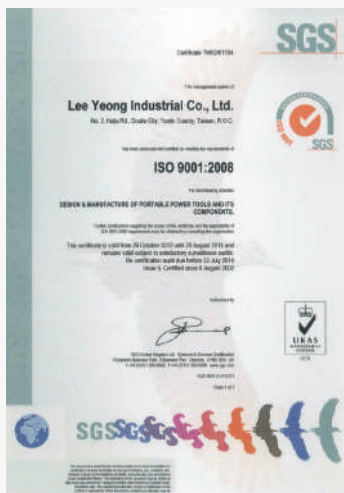


**Lee Yeong Industrial Co., Ltd.** founded in 1989, has specialized for many years in corded power tools for professional applications. A leading position has been maintained in the industry in R&D and manufacturing. With vast experience in manufacturing OBM (private branding), ODM (custom projects) and OEM for leading international brands as well as marketing under its own brand, AGP, Lee Yeong has become well-known internationally as an excellent producer which serves customers in many countries around the world, with the majority of sales concentrated in the European market.

The product line covers different categories of power tools, such as airless paint sprayers, metalworking tools, concrete construction tools, stone processing, wood working, etc. There are more than 130 models in all.

Led by the company chairman, the R & D team have extensive experience in product development, using different 2D and 3D softwares to develop sophisticated products. The products undergo rigorous life testing, simulation testing, and field testing to ensure stable product quality, durability and ease of operation as affirmed by our international clients. Quality, excellence, and innovation is our consistent philosophy. In addition to achieving ISO9001: 2008 quality management certification, and the certifications which have been obtained for the tools through CE, CB, EMC and CSA, we have also received numerous awards from the Taiwan Ministry of Economic Affairs, such as: The Innovation Research Award, The Certificate of Excellence, and The Good Design Product Certificate. We also hold a number of international patents for our designs.

**AGP®** stands for **All Get Profit**. Our philosophy for a strong and long-term business is to create mutual benefit and added value for each and every party involved with us: Maximum profit and value for our customers, excellent performing and durable tools for end users, good opportunities for our employees and reasonable profits for our upstream suppliers. In addition, we are committed to environmental sustainability, as well as long-term support for charities and disadvantaged groups. In our role as global citizens, we strive to do our part in creating a better, more harmonious world.



### Key to symbols used in this catalog:



Variable Speed



Forward and Reverse



Switch



Plastic Carry Case



Blow Molded Case



Double Insulation



Overload Protection



Soft Start



Constant Speed



Two Speed



Three Speed



Four Speed

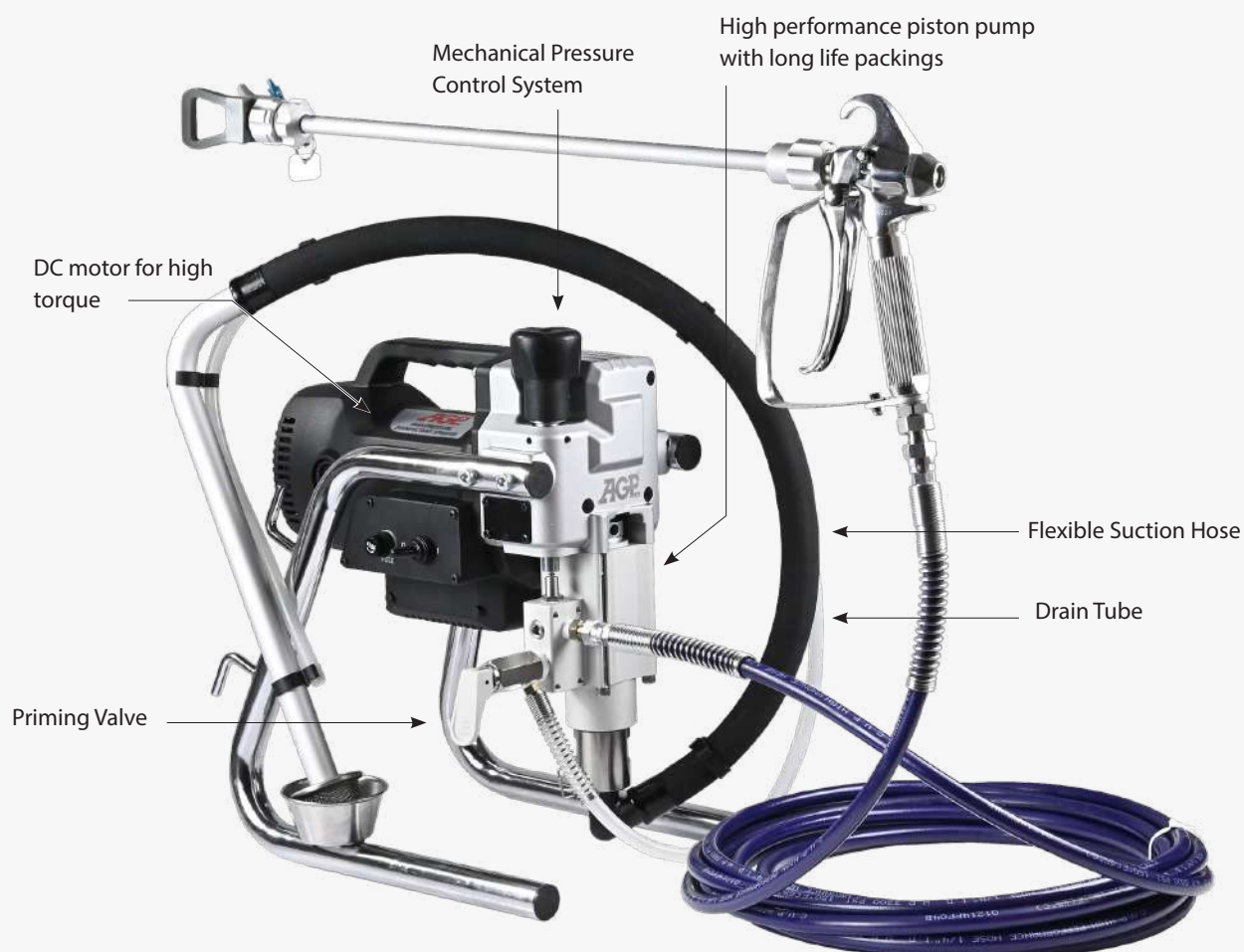
Manufacturer reserves the right to update specifications without prior notice. Specifications herein are for reference only. For latest specifications, refer to the machine nameplate.





## HA10 HIGH PRESSURE DISINFECTANT SPRAYER

A high performance high pressure airless sprayer for the fastest possible application of disinfectants. Equipped with accessories chosen for water-based disinfectants.



Model	HA10
Motor Type	DC Motor, Fan-Cooled
Power input	700 W
Voltage	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
Max Tip Size	0.010"
Max Flow	1.9 l/min (0.50 gpm)
Max Pressure	96 bar (1400 psi)
Dimensions (LxWxH)	360 mm x 250 mm x 400 mm
Net Weight	11.0 kg (24.25 Lbs)

### STANDARD ACCESSORIES

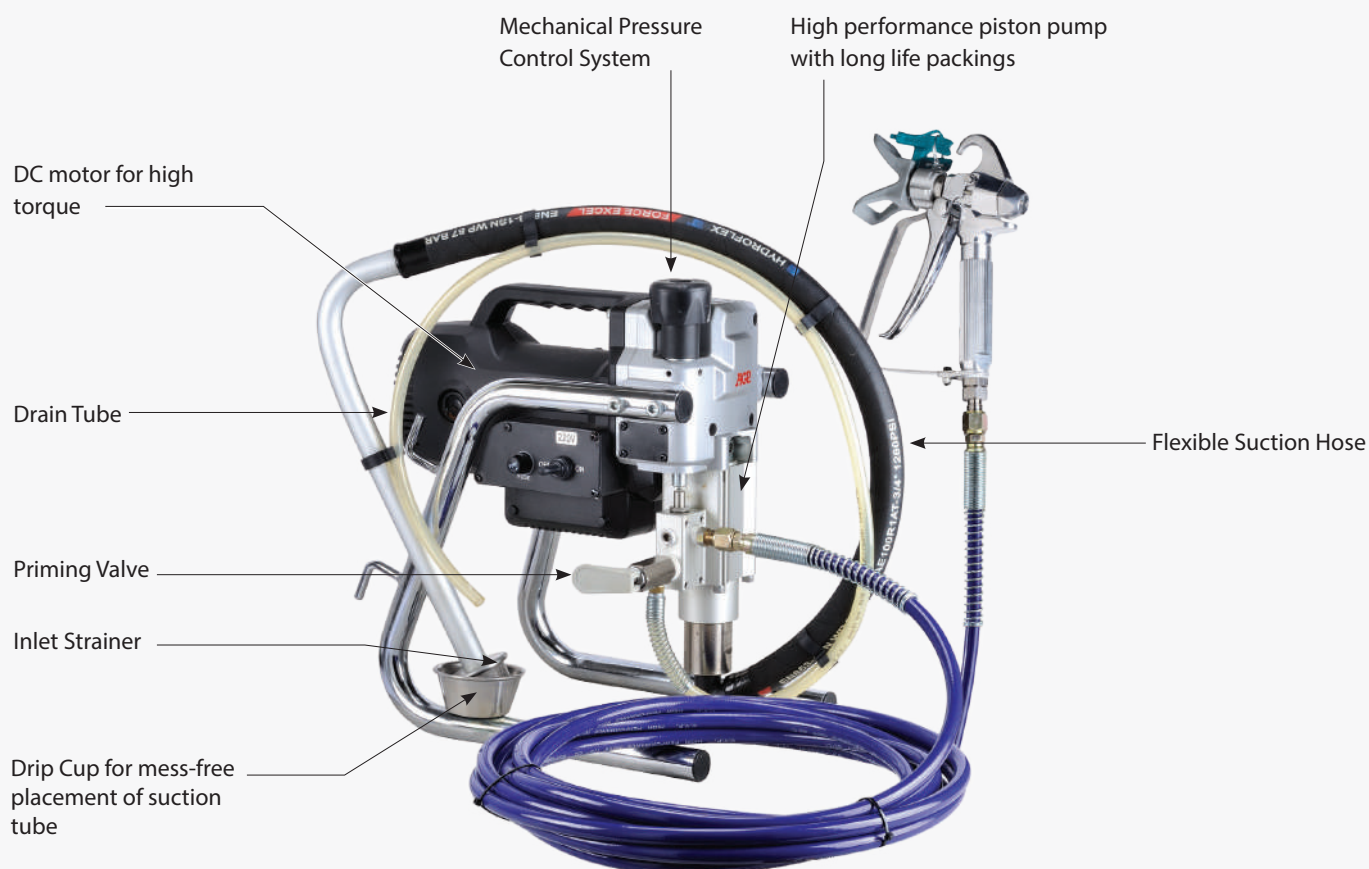
- \* 16.5 Meters Hose x 1
- \* 7/8" Spray Gun x 1
- \* 7/8" Tip Guard x 1
- \* 510 Tip x 1
- \* 15"(380mm) Extension x 1

**OPTIONAL ACCESSORIES**(see p.14)  
Extensions



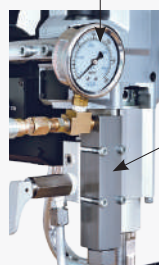
## EC021 PISTON PUMP AIRLESS PAINT SPRAYER

The light, compact airless sprayer with mechanical pressure control for up to 0.021" tips for a wide range of paint types.



### OPTIONAL ACCESSORIES:

Pressure Gauge



Pump Filter

The optional Pump Filter gives additional filtration for longer component life



The optional Pressure Gauge allows the operator to see the exact pressure at the pump



6.2L Hopper Kit



Model	EC021
Motor Type	DC Motor, Fan-Cooled
Power input	700W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
Max Tip Size	0.021"
Max Flow	1.9 l/min (0.50 gpm)
Max Pressure	207 bar (3,000 psi)
Dimensions (LxWxH)	360mm x 250mm x 400mm
Net Weight	11.0kg (24.25 Lbs)

### STANDARD ACCESSORIES

- \* Tommy Bar x1
- \* Flexible Suction Hose x 1
- \* Throat Seal Oil (100ml Squeeze Bottle) x1

### OPTIONAL ACCESSORIES (see p.14)

- \* Pump Filter Set x1
- \* Replacement Pump Filter Screen x1
- \* Hose 1/4" X 54' (16.5M) x1
- \* Gun - (Not incl. Tip Guard or Tip) x1
- \* 6.2L Hopper Kit x1
- \* Pressure Gauge x1

## PM021LF & PM025LF PISTON PUMP AIRLESS PAINT SPRAYERS

Low frame airless sprayers with digital electronic pressure control for a wide range of paint types.

PM021LF: 0.021" tips

PM025LF: 0.025" tips

Built-in toolbox for holding extra tips and filters



Pump Filter

Priming Valve

Flexible Suction Hose

High performance piston pump with long-life packings

Drain Tube



Suction Tube

Inlet Strainer

Drip Cup for mess-free placement of suction tube



Totally enclosed, fan-cooled, DC motor for high torque and long life

Quick-response electronic pressure control with LCD screen  
\* BAR or PSI LCD screen available



overload protection



Variable Speed



### STANDARD ACCESSORIES

- \* Hose 1/4" x 54' (16.5M) x1
- \* Gun With Tip Guard and Tip (0.017") x1
- \* Pump Filter W/ One Each 60 & 100 Mesh x1
- \* Special Multi-Purpose Wrench x1
- \* Flexible Suction Hose x1
- \* Throat Seal Oil (100ml Squeeze Bottle) x1
- \* Tommy Bar x1

### OPTIONAL ACCESSORY (see p.14)

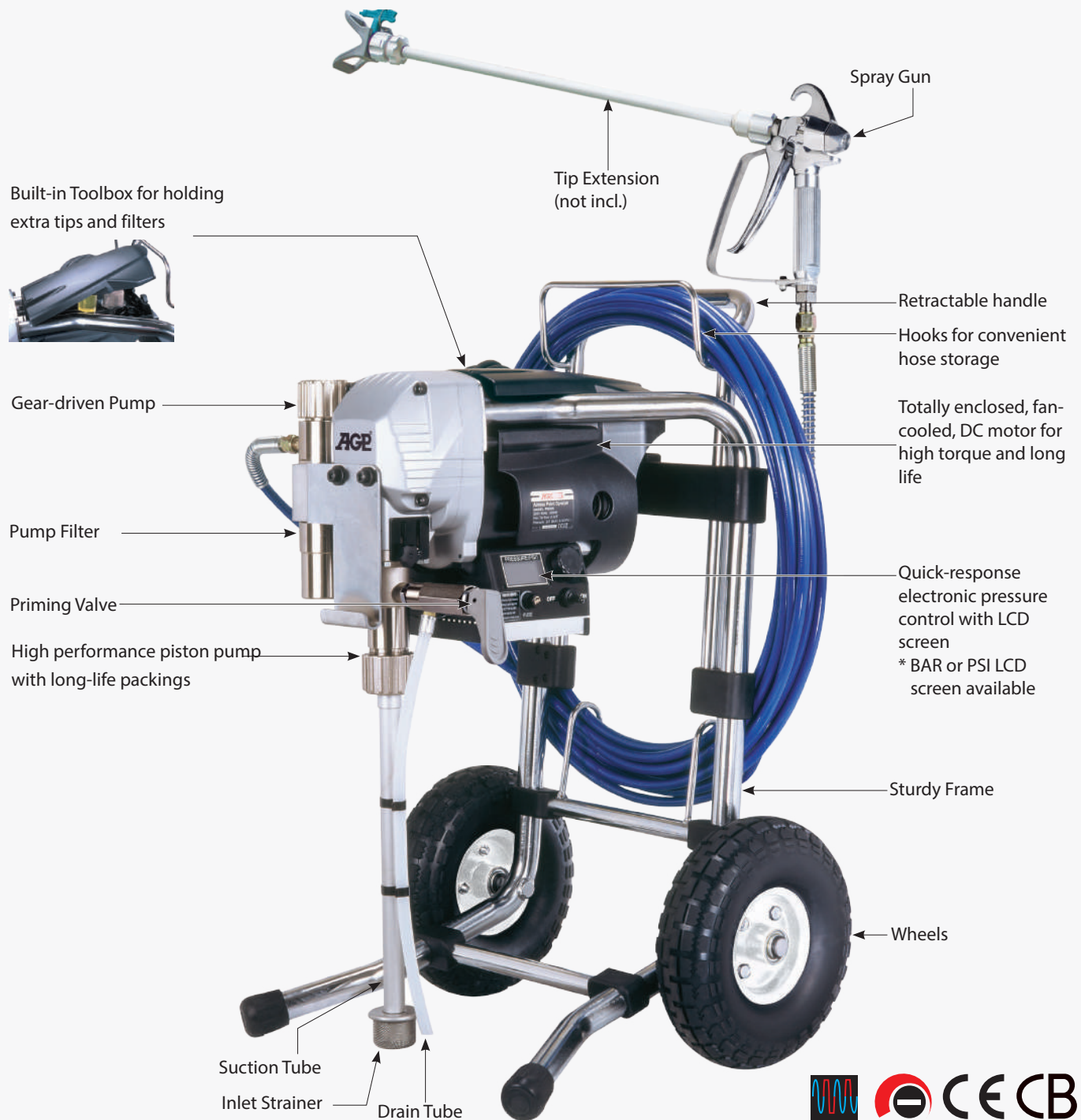
- \* Pump Filter W/ 30 Mesh x1

Model	PM021LF	PM025LF
Motor Type	DC Motor (TEFC)	
Power Input	1000W	1300W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
Max. Tip Size	0.021"	0.025"
Max. Flow	2.1 l/min (0.55 gpm)	2.7 l/min (0.71 gpm)
Max. Pressure	207 bar (3,000 psi)	
Control	Digital	
Overload Protection	With	
Dimensions (LxWxH)	420mm x 300mm x 550mm	
Net Weight	23.4kg (51.56 Lbs)	23.5 kg (51.81 Lbs)



## PM021 & PM025 PISTON PUMP AIRLESS PAINT SPRAYERS

High frame airless sprayers with digital electronic pressure control.  
PM021: 0.021" tips      PM025: 0.025" tips



Model	PM021	PM025
Motor Type	DC Motor (TEFC)	DC Motor (TEFC)
Power Input	1000W	1300W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
Max. Tip Size	0.021"	0.025"
Max. Flow	2.1 l/min (0.55 gpm)	2.7 l/min (0.71 gpm)
Max. Pressure	207 bar (3,000 psi)	207 bar (3,000 psi)
Control	Digital	Digital
Overload Protection	With	With
Dimensions (LxWxH)	515mm x 530 x 795mm	515mm x 530 x 795mm
Net Weight	29.5kg (65.04 Lbs)	29.6kg (65.26 Lbs)

### STANDARD ACCESSORIES

- \* Hose 1/4" X 54' (16.5M) x1
- \* Gun With Tip Guard and Tip (0.017 ") x1
- \* Pump Filter W/ One Each 60 &100 Mesh x1
- \* Special Multi-Purpose Wrench x1
- \* Rigid Suction Tube x1
- \* Throat Seal Oil (100ml Squeeze Bottle) x1
- \* Tommy Bar x1

### OPTIONAL ACCESSORIES (see p.14)

- \* Pump Filter W/ 30 Mesh x1

## AC023 AIR-ASSISTED FINE FINISH AIRLESS PAINT SPRAYER

Air-assisted airless sprayer with digital electronic pressure control and air compressor for up to 0.023" tips. Excellent for fine finish applications.



overload protection



Variable Speed



### STANDARD ACCESSORIES

- \* 1/4" Bonded Air & Fluid Hose 7.5M ( L ) x1
- \* Hopper Assembly (6.2 liter) x1
- \* Special Multi-purpose Wrench x1
- \* Pump Filter W/ One Each 60 and 100 Mesh x1
- \* Throat Seal Oil (100ml Squeeze Bottle) x1
- \* Tommy Bar x1

### OPTIONAL ACCESSORIES (see p.14)

- \* 1/4" Bonded Air & Fluid Hose 12M ( L ) x1
- \* Pump Filter W/ 30 Mesh x1

Model	AC023
Motor Type	DC Motor (TEFC)
Power Input	1300W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
Max. Tip Size	0.023"
Max. Fluid Flow	2.1 l/min (0.55 gpm)
Max. Pressure	207 bar (3,000 psi)
Atomizing Air Output	100 l/min ( 3.5 cfm)
Max. Working Air Pressure	2.4 bar ( 35psi)
Control	Digital
Dimensions (LxWxH)	856mm x 592mm x 1015mm
Net Weight	55.6kg (122.58 Lbs) ( including Hopper assembly, not including hose )



## PM031 PISTON PUMP AIRLESS PAINT SPRAYER

Heavy-duty airless sprayer with brushless motor and digital electronic pressure control for up to 0.031" tips. Multiple gun capability.



overload protection



Variable Speed



Model	PM031
Motor Type	Brushless DC Motor
Power Input	1500W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
Max. Tip Size	0.031"
Max. Flow	4.17 l/min (1.1 gpm)
Max. Pressure	227 bar (3,300 psi)
Control	Digital
Overload Protection	With
Dimensions (LxWxH)	670mm x 580mm x 810mm
Net Weight	59.0kg (130.07 Lbs)

### STANDARD ACCESSORIES

- \* Hose 3/8" x 50' (15.5M) + Whip Hose 1/4" x 1.5M x1
- \* Gun With Tip Guard and Tip (0.031") x1
- \* Inlet strainer 20 Mesh x1
- \* Pump Filter W/ One Each 60 & 100 Mesh x1
- \* Special Multi-Purpose Wrench x1
- \* Throat Seal Oil (100ml Squeeze Bottle) x1
- \* Tommy Bar x1

### OPTIONAL ACCESSORY (see p.14)

- \* Pump Filter W/ 30 Mesh x1

## PM039 PISTON PUMP AIRLESS PAINT SPRAYER

Heavy-duty airless sprayer with brushless motor and digital electronic pressure control for up to 0.039" tips. Multiple gun capability. Excellent for plaster and similar heavy materials.



Built-in Toolbox for holding extra tips and filters

Ball Type Priming Valve

Powerful Brushless Motor

High performance piston pump with long-life packings

Special Plaster-Type Suction Assembly for plaster and other heavy materials

Special hooks for coupling with plaster tank

Inlet Strainer

Drain Tube

Coupling Adapter

Plaster Tank (Optional for PM039) The frames of both units interlock with special hooks for a neat and compact assembly. Includes special coupling adapter, wringer and scraper plate.



Quick-response electronic pressure control with LCD screen  
\* BAR or PSI display selectable



Hose 3/8" + Whip Hose 1/4"



overload protection



Variable Speed



Model	PM039
Motor Type	Brushless DC Motor
Power Input	1800W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
Max. Tip Size	0.039"
Max. Flow	6.4 l/min (1.7 gpm)
Max. Pressure	227 bar (3,300 psi)
Control	Digital
Overload Protection	With
Dimensions (LxWxH)	670mm x 580mm x 810mm
Net Weight	61.1kg (134.7 Lbs)

### STANDARD ACCESSORIES

- \* Hose 3/8" x 50' (15.5M) + Whip Hose 1/4" x 1.5M x1
- \* Gun With Tip Guard and Tip (0.035") x1
- \* Inlet strainer 16 Mesh x1
- \* Pump Filter W/ One Each 60 & 100 Mesh x1
- \* Special Multi-Purpose Wrench x1
- \* Throat Seal Oil (100ml Squeeze Bottle) x1
- \* Tommy Bar x1

### OPTIONAL ACCESSORIES (see p.14)

- \* Plaster Tank Set (95 Liter) x1
- \* Pump Filter W / 30 Mesh x1



## PE048 ENGINE AIRLESS PAINT SPRAYER

Heavy-duty airless sprayer with petrol (gasoline) engine and digital electronic pressure control for up to 0.048" tips. Multiple gun capability. Excellent for heavy materials and long hose runs.



Hours Display Button  
(on back of control box)

6.5HP Honda Engine for independent operation and plentiful power

Electronic Pressure Control with LCD display for Pressure, Working Hours, and Diagnostic Messages



Control System includes Auto Stop Function when paint is used up

Large pneumatic wheels and sturdy frame



Flexible Suction Hose

High-Durability Electromechanical Clutch



Built-In Tool Box for holding, tools, extra tips, and filters

Quick-Release Pump for easy maintenance

High performance piston pump with long-life packings

Model	PE048
Engine Type	Honda GX200, Four Stroke Petrol (Gasoline)
Power Rating	6.5HP
Max. Tip Size (1 Gun)	0.048"
Max. Tip Size (2 Guns)	0.035"
Max. Tip Size (3 Guns)	0.027"
Max. Tip Size (4 Guns)	0.023"
Min. Tip Size	0.023"
Max. Flow	8.3 l/min (2.2 gpm)
Max. Pressure	227 bar (3,300 psi)
Max. Hose Length	100m ( 300' )
Control	Digital
Dimensions (LxWxH)	810mm x 640mm x 850mm
Net Weight	74.5kg (164.2 Lbs)

### STANDARD ACCESSORIES

- \* Hose 3/8" x 50' (15.5m) + Whip Hose 1/4" x 1.5m x1
- \* Gun With Tip Guard and Tip (0.035") x1
- \* Inlet strainer 8 Mesh x1
- \* Pump Filter W/ One Each 60 & 100 Mesh x1
- \* Special Multi-Purpose Wrench x1
- \* Throat Seal Oil (100ml Squeeze Bottle) x1
- \* Tommy Bar x1

### OPTIONAL ACCESSORIES

- \* Pump Filter w/ 30 Mesh

## OPTIONAL ACCESSORIES



High Pressure Hose 3/8" x 15.5 m + 1/4" x 1.5m Whip Hose  
for PM039, PM031

**0299-0074-00000-001**

High Pressure Hose 1/4" x 16.5 m  
for PM021, PM025, PM021LF, EC021

**303-02012-099-001**

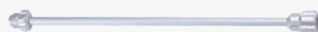


1/4" Bonded Air & Fluid Hose 7.5M for AC023

**305-00291-000-002**

1/4" Bonded Air & Fluid Hose 12M for AC023

**305-00291-000-001**



Tip Extensions 11/16" x 15"(L)

Tip Extensions 11/16" x 30"(L)

Tip Extensions 11/16" x 60"(L)

Tip Extensions 7/8" x 15"(L)

Tip Extensions 7/8" x 30"(L)

Tip Extensions 7/8" x 60"(L)

**0201-0096-00906-001**

**0201-0096-00906-003**

**0201-0096-00906-005**

**0201-0096-00906-002**

**0201-0096-00906-004**

**0201-0096-00906-006**



Pump Filter- 30 Mesh

Pump Filter- 60 Mesh

Pump Filter-100 Mesh

**202-0007-00000-001**

**202-0007-00000-001**

**202-0007-00000-001**



Gun 7/8"

(Not incl. Tip Guard and Tip )

**305-00172-000-008**



Tip Guard

7/8"

**0299-0050-00000-002**



Inlet Strainer for PM025,  
PM021, PM021LF, EC021

**302-03009-000-001**



Inlet Strainer 20 Mesh for PM031

**0299-0072-00000-005**



Inlet Strainer 16 Mesh for PM039

**0299-0072-00000-006**



Packing Set for EC021

**0299-0049-00000-017**



Packing Set for PM021,  
PM025, PM021LF, AC023

**0299-0049-00000-001**



Packing Set for PM039, PM031

**0299-0049-00000-007**



**Reversible Tip,  
with Seat**

**Tip  
Size**

513 (0.013")

215 (0.015")

315 (0.015")

515 (0.015")

517 (0.017")

519 (0.019")

521 (0.021")

523 (0.023")

525 (0.025")

529 (0.029")

531 (0.031")

533 (0.033")

535 (0.035")

537 (0.037")

539 (0.039")

**305-00168-000-001**

**305-00168-000-019**

**305-00168-000-020**

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**305-00168-000-004**

**305-00168-000-005**

**305-00168-000-007**

**305-00168-000-008**

**305-00168-000-012**

**305-00168-000-009**

**305-00168-000-010**

**305-00168-000-006**

**305-00168-000-013**

**305-00168-000-014**

## T328 HVLP TURBINE PAINT SPRAYER

High Volume, Low Pressure 3-stage turbine with up to 2800 L/min flow rate for fine finish applications.



Air Hose 6M



HVLP Gun Set

HVLP Gun Set

1.3mm  
1.8mm  
2.0mm

Air Hose 6M

305-00172-000-001  
305-00172-000-002  
305-00172-000-003  
0299-0109-00000-004

### OPTIONAL ACCESSORIES:



Needle Nozzle Set

0.5mm	305-00167-000-001
0.8mm	305-00167-000-002
1.0mm	305-00167-000-003
1.2mm	305-00167-000-004
1.3mm	305-00167-000-005
1.8mm	305-00167-000-006
2.0mm	305-00167-000-007
2.5mm	305-00167-000-008



250ml Plastic Cup for Gun



Radiator Kit

Radiator Kit  
250ml Plastic Cup for Gun

0299-0107-00000-001  
305-00299-000-001



Soft Start



Variable Speed



#### STANDARD ACCESSORIES

- \* Air Hose 6M x1
- \* Gun with 1.3mm Needle Nozzle Set x 1

#### OPTIONAL ACCESSORIES

- \* Needle Nozzle Sets
- \* Radiator Kit
- \* 250ml Plastic Cup for Gun

Model	T328
Power Input	1400W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
Turbine	3 Stage
Airflow	2800 l/min
Max. Working Pressure	0.41 bar (6 psi)
Soft Start	With
Dimensions (LxWxH)	325mm x 250mm x 325mm
Net Weight	8.9kg (19.62 Lbs)



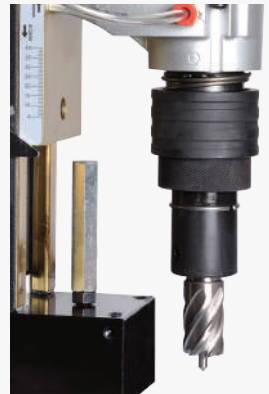
## TP 2000 MAGNETIC TAPPING & DRILLING MACHINE

PATENTED

A versatile, purpose-built tapping machine which can also operate as a conventional magnetic drill. **2 mode gearbox:**

**-Low RPM Tapping Mode** with automatic mechanical reversing for taps up to M20. Push the crank handle down for forward rotation and up for reverse rotation.

**-High RPM Drilling Mode** for cutters up to Ø35 x 50mm and twist drills up to 13mm. Quick-release Bilz no.2 type coupling system to fit a wide range of collets and cutting tools. Includes special 2-jaw universal tap chuck, annular cutter adaptor and twist drill chuck adaptor.



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

Coolant Tank

Coolant Feed Tap

Depth Meter

Mode Selector (for shifting to Auto-reverse tapping mode or standard drilling mode)

Crank Handle

Motor Switch

Quick Release Collar

Magnet Switch

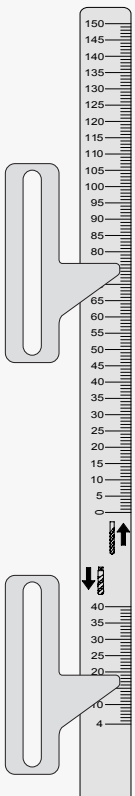
Universal Tap Chuck for M6 to M20, 1/4" to 3/4"

Travel Limiter Stop

Magnetic Base

Tap (Not included)

### Depth Meter



Drilling Scale

Tapping Scale

### Auto-Reverse Tapping Mode



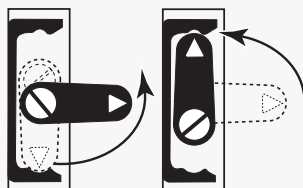
Drill Chuck Arbor

## Mode Selector

### Drilling Mode



### Tapping Mode



1. Large Range Clamp Collet (Not Included)
2. Universal Tap Chuck
3. Tap (Not included)
4. Coolant Feed Spring And Seal
5. Pilot Pin (Not included)
6. Annular Cutter Arbor 3/4" (19.05mm)Weldon Shank )

7. Annular Cutter (Not included)
8. 1/2" Twist Drill Chuck
9. Drill Chuck Arbor
10. Quick-Release Collar



### OPTIONAL ACCESSORIES:



Large Range Bilz no.2  
Clamp Collets



overload protection



### STANDARD ACCESSORIES

- \* Universal Tap Chuck x1
- \* Wrench M8 x1
- \* 2.5mm L-Hex Key x1
- \* 4mm L-Hex Key x1
- \* Drill Chuck Arbor x1
- \* 1/2" Chuck And Chuck Key x1
- \* Annular Cutter Arbor x1
- \* 3/4" (19.05mm)Weldon Shank x1
- \* Coolant Tank Kit x1
- \* Chip Guard Kit x1
- \* Ratchet Strap x 1

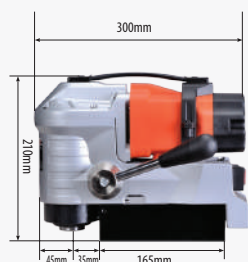
### OPTIONAL ACCESSORIES

- \* Other sizes of Clamp Collets

Model	TP2000
Power Input	1100W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
Drilling Mode No / Full Load min <sup>-1</sup>	550 / 330
Tapping Mode No / Full Load min <sup>-1</sup>	150 / 90
Spindle Coupling	31mm (Bilz no.2)
Annular Cutter Arbor	Set Screw Type, 19.05mm (3/4") Weldon Shank
Annular Cutters	35mm x 50mm (1-3/8" x 2")
Taps	20mm x 40mm (13/16" x 1-9/16")
Twist Drills	13mm x 135mm (1/2" x 5-5/16")
Magnetic Adhesion	15,000 N
Net Weight	14.4kg (31.75 Lbs)

## PMD 3530 LOW PROFILE MAGNETIC DRILL

A low profile drilling machine which fits into 198mm vertical spaces with top handle removed. Up to Ø35 x 35mm standard sized cutters.



Good balance for carrying



The quick adjustable tool-free lever can mounted on either side



Quick release arbor for fast cutter changes

Standard Length Annular Cutter (Not included)

Pilot Pin (Not included)



LED light for work in dark spaces

Motor Switch



Magnet Switch



overload protection



Model	PMD3530
Power Input	1100W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
No / Full Load min <sup>-1</sup>	650 / 390
Max. Capacity Dia. X Depth of Cut	35mm x 35mm
Weldon Shank	19.05mm
Magnetic Adhesion	15,000 N
Net Weight	10.5kg (23.15 Lbs)

### STANDARD ACCESSORIES

- \* Safety Belt x1
- \* Chip Guard Kit x1

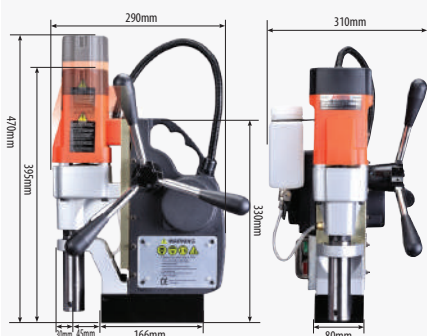
### OPTIONAL ACCESSORIES

- \* Overload Protection



## MD300N AUTO FEED MAGNETIC DRILL

Electronically optimized automatic feed with manual return for core drilling up to 30mm diameter.



Dual-Purpose Lever for switching from manual to auto feed

Coolant Tank

Coolant Feed Tap

3 Position Feed Rate Selector

Position 1:  $\phi 14 \sim 20\text{mm}$

Position 2:  $\phi 21 \sim 24\text{mm}$

Position 3:  $\phi 25 \sim 30\text{mm}$

Magnet Switch

Motor Switch

Magnet Base

Crank Handle

Arbor Support Bracket

Arbor

Annular Cutter  
(Not included)

Pilot Pin  
(Not included)



overload protection



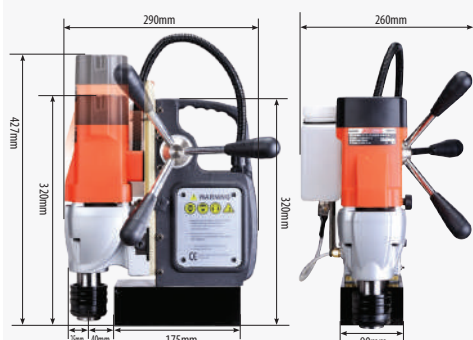
Model	MD300N
Power Input	1100W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
No / Full Load min <sup>-1</sup>	550 / 330
Max. Capacity	Dia. X Depth of Cut (Hand Feed) 35 mm x 50 mm (1-3/8" x 2")
	Dia. X Depth of Cut (Auto Feed) 30 mm x 45mm (1-3/16" x 1-3/4")
Magnetic Adhesion	15,000N
Overload Protection	With
Net Weight	15.9kg (35.05 Lbs)

### STANDARD ACCESSORIES

- \* Wrench M8 x1
- \* Hex. Key M2.5 x1
- \* Hex. Key M4 x1
- \* Chip Guard Kit x1
- \* Coolant Tank Kit x1
- \* Ratchet Strap x 1

## SMD 351L & SMD 351H VARIABLE SLIDE MAGNETIC DRILLS WITH QUICK-RELEASE ARBOR

Magnetic drills with quick-release arbor and adjustable slide height for annular cutters up to Ø35 x 50mm and twist drills up to 13mm. Choose the SMD 351L for HSS cutters and the SMD 351H for TCT cutters.



### Variable Slide

Slide Height Lock



The quick-adjustable variable height slide allows quick conversion between cutters and twist drills. Lower for cutters, raise for twist drills.

Coolant Tank

Coolant Feed Tap

Motor Switch

Magnet Switch



Spindle

The Quick-Release arbor makes it quick and tool-free to change cutters and accessories

Annular Cutter (Not included)

Pilot Pin (Not included)

Magnet Base

### TWIST DRILLING



A revolution in time savings, the new special weldon shank drill chuck mounts directly into the quick release arbor. This means it now takes just seconds to convert from cutters to twist drills!



Model	SMD351L	SMD351H
Power Input	1100W	
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
No / Full Load min <sup>-1</sup>	450 / 270	730 / 440
Max. Capacity	Dia. X Depth of Cut 35mm x 50mm ( 1-3/8" x 2")	
	Dia. X Depth Twist Drill Bit 13mm x 140mm (1/2" x 5-1/2")	
Magnetic Adhesion	17,000 N	
Net Weight	14.3kg (31.53 Lbs)	

### STANDARD ACCESSORIES

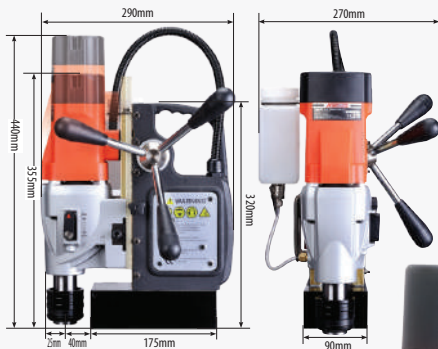
- \* Wrench M8 x1
- \* Hex. Key M2.5 x1
- \* Hex. Key M4 x1
- \* T-Wrench M6 x1
- \* Coolant Tank Kit x1
- \* Ratchet Strap x 1
- \* Chip Guard Kit x1

### OPTIONAL ACCESSORIES

- \* Overload Protection
- \* Quick-Release Chuck Adaptor

## SMD 352 & SMD 502 TWO SPEED, VARIABLE SLIDE MAGNETIC DRILLS WITH QUICK-RELEASE ARBOR

Magnetic drills with quick-release arbor and adjustable slide height. 2 speed gearbox for optimal drilling in a wider range of cutter sizes. Choose the SMD 352 for cutters up to Ø35 x 50mm and the SMD 502 for cutters up to Ø50 x 50mm. Both are capable of twist drilling up to 13mm.



The 2-Speed Gear Box allows a wide range of cutters to be used and delivers maximum torque

The Quick-Release Arbor makes it quick and tool-free to change cutters and accessories

Annular Cutter (Not included)

### TWIST DRILLING



Pilot Pin (Not included)

A revolution in time savings, the new special weldon shank drill chuck mounts directly into the quick release arbor. With the variable slide, This means it now takes just seconds to convert from cutters to twist drills!

Motor Switch

Magnet Switch

### Variable Slide

Slide Height Lock

The quick-adjustable variable height slide allows quick conversion between cutters and twist drills. Lower for cutters, raise for twist drills.

Magnet Base

Gib Adjustor Screw



overload protection



Model	SMD352	SMD502
Power Input	1100W	1100W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
No / Full Load min <sup>-1</sup>	Speed 1	450 / 270
	Speed 2	730 / 440
Max. Capacity	Dia. X Depth of Cut	35mm x 50mm ( 1-3/8" x 2")
	Dia. X Depth Twist Drill Bit	13mm x 140mm (1/2" x 5-1/2")
Magnetic Adhesion	17,000 N	
Net Weight	14.8kg (32.63 Lbs)	

### STANDARD ACCESSORIES

- \* Wrench M8 x1
- \* Hex. Key M2.5 x1
- \* Hex. Key M4 x1
- \* T- wrench M6 x1
- \* Coolant Tank kit x1
- \* Ratchet Strap x 1
- \* Chip Guard Kit x1
- \* Overload Protection(SMD502)

### OPTIONAL ACCESSORIES

- \* Overload Protection(SMD352)
- \* Quick-Release Chuck Adaptor



## ST50 2-SPEED, MT2, SWIVEL BASE MAGNETIC DRILLING & TAPPING MACHINE WITH VARIABLE SPEED

A versatile machine for cutters up to Ø50 x 50mm, twist drills up to 20mm, and taps up to M20. The MT2 arbor can also fit many other types of cutting tools. The swivel base allows access to difficult to reach areas. The variable speed and sophisticated electronics allow optimized cutting speeds.



Model	ST50	
Power Input	1100W	
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
No / (Full) Load min <sup>-1</sup>	Speed 1	150~300 (90~180)
	Speed 2	225~450 (135~270)
Max. Capacity	Dia. x Depth of Cutter	50mm x 50mm (2" x 2")
	Dia. x Depth of MT2 Drill	20mm x 150mm (13/16" x 5-7/8")
	Dia x Depth of Chuck Drill	20mm x 110mm (13/16" x 4-5/16")
	Dia x Depth of Tap	M20 x 40mm (13/16" x 1-9/16")
Magnetic Adhesion	17,000 N	
Overload Protection & Soft Start	With	
Net Weight	16.4kg (36.16 Lbs)	

### STANDARD ACCESSORIES

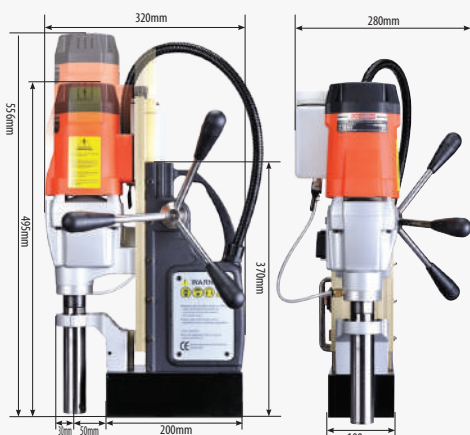
- \* Annular Cutter Arbor x1
- \* Drift x1
- \* Wrench M8x1 x1
- \* Hex Key M2.5 x1
- \* Hex Key M4 x1
- \* Hex Key M5 x1
- \* Coolant Tank Kit x1
- \* Chip Guard Kit x1
- \* Ratchet Strap x 1
- \* Chuck Adaptor x1
- \* Universal Tap Chuck x1

### OPTIONAL ACCESSORIES

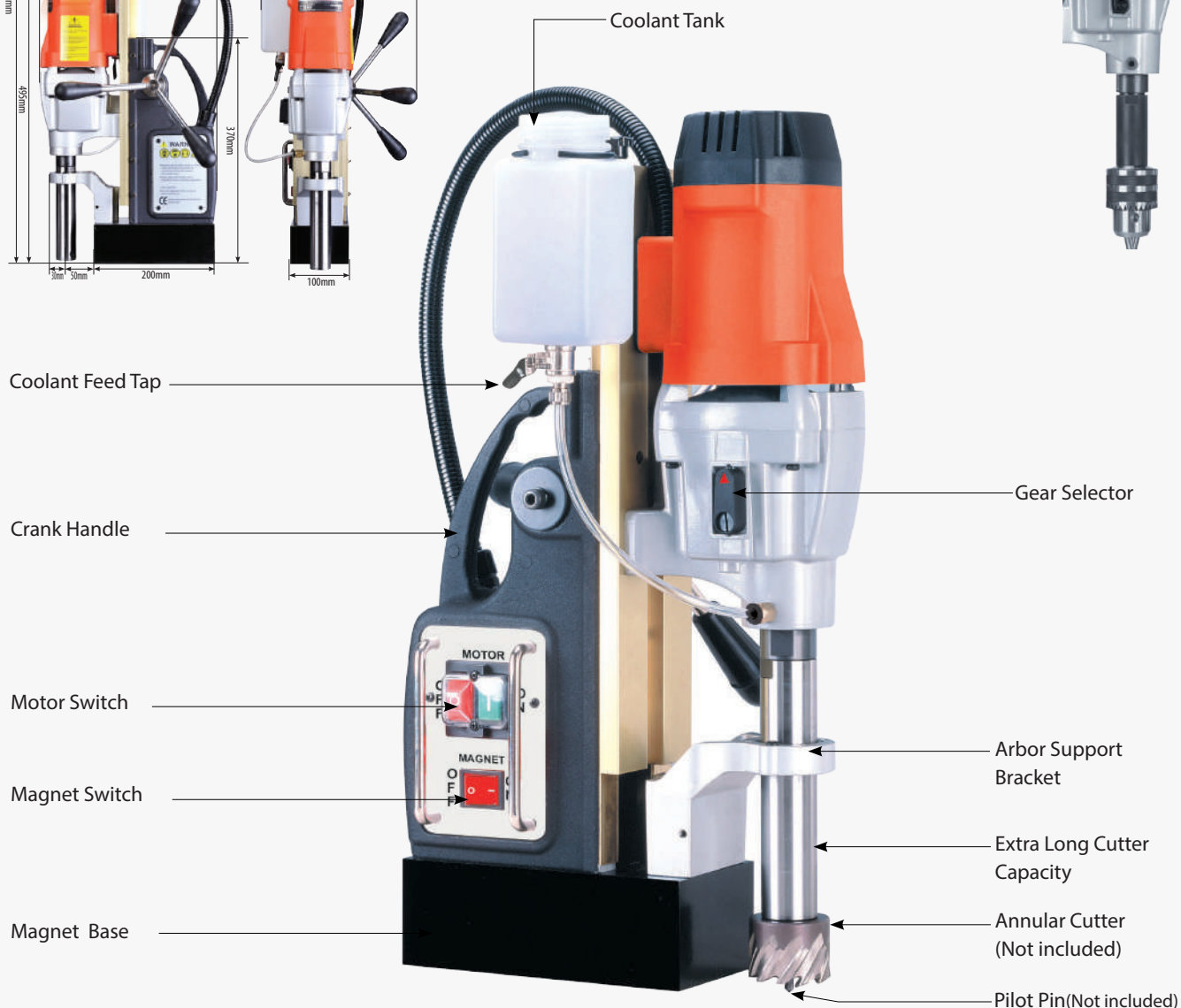
- \* 1/2" (13mm) Chuck, Key x1

## MD 500/2 2-SPEED LONG-STROKE MAGNETIC DRILL

A large magnetic drill for cutters up to Ø65 x 75mm L and twist drills up to 16mm



### TWIST DRILLING



Model	MD500/2	
Power Input	2000W (220V), 1700W (110V)	
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
No / Full Load min <sup>-1</sup>	Speed 1	380 / 230
	Speed 2	550 / 330
Max. Capacity	Dia. X Depth of Cut	65 mm x 75 mm (2" x 3")
	Dia. X Depth of Twist Drill Bit	16mm x 115mm (5/8" x 4-1/2")
	Dia. X Depth of Taps	N/A
Magnetic Adhesion	32,000 N	
Overload Protection	With	
Net Weight	21.1kg (46.52 Lbs)	

### STANDARD ACCESSORIES

- \* Wrench M8 x1
- \* Hex. Key M2.5 x1
- \* Hex. Key M4 x1
- \* Chip Guard Kit x1
- \* Coolant Tank Kit x1
- \* Ratchet Strap x 1

### OPTIONAL ACCESSORIES

- \* Chuck Adaptor x1
- \* 5/8" (16mm) Chuck & Chuck Key x1

## MD 750/4 4 SPEED, MT3 MAGNETIC DRILLING & TAPPING MACHINE

A heavy-duty machine for cutters up to Ø75 x 50mm, twist drills up to 32mm, and taps up to 25.4mm. The MT3 arbor can also fit many other types of cutting tools.



Model	MD750/4	
Power Input	2000W (220V), 1700W (110V)	
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
No/Full Load min <sup>-1</sup>	Speed 1	150 / 90
	Speed 2	200 / 120
	Speed 3	300 / 180
	Speed 4	380 / 230
Max. Capacity	Dia. X Depth of Cut	75 mm x 50 mm (3" x 2")
	Dia. X Depth of MT3 Twist Drill Bit	32 mm x 150 mm (1-1/4" x 4-7/8")
	Dia. X Depth of MT3 Chuck Adaptor With Twist Drill Bit	16mm x 110mm (5/8" x 4-1/2")
	Dia. X Depth of Taps	25.4 mm x 40 mm (1" x 1-9/16")
Magnetic Adhesion	32,000 N	
Overload Protection	With	
Net Weight	24.4kg (53.79 Lbs)	

### STANDARD ACCESSORIES

- \* Wrench M8 x1
- \* Hex. Key M2.5 x1
- \* Hex. Key M4 x1
- \* Chip Guard Kit x1
- \* Coolant Tank Kit x1
- \* Ratchet Strap x 1
- \* Drift x1

### OPTIONAL ACCESSORIES

- \* MT3 Chuck Adaptor x1
- \* 5/8" (16mm) Chuck & Chuck Key x1
- \* MT3 Tapping Adaptors x1
- \* Tapping Attachments x1
- \* Pipe Vise x1
- \* Quick-Release Arbor x1



## MDS 750/4 4 SPEED, MT3 SWIVEL BASE MAGNETIC DRILLING & TAPPING MACHINE

A heavy-duty machine for cutters up to Ø75 x 50mm, twist drills up to 32mm, and taps up to 25.4mm. The MT3 arbor can also fit many other types of cutting tools. The swivel base allows access to difficult to reach areas.



Model	MDS750/4	
Power Input	2000W (220V), 1700W (110V)	
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
No/Full Load min <sup>-1</sup>	Speed 1	150 / 90
	Speed 2	200 / 120
	Speed 3	300 / 180
	Speed 4	380 / 230
Max. Capacity	Dia. X Depth of Cut	75 mm x 50 mm (3" x 2")
	Dia. X Depth of MT3 Twist Drill Bit	32 mm x 150 mm (1-1/4" x 4-7/8")
	Dia. X Depth of MT3 Chuck Adaptor With Twist Drill Bit	16 mm x 115mm (5/8" x 4-1/2")
	Dia. X Depth of Taps	25.4 mm x 40 mm (1" x 1-9/16")
Magnetic Adhesion	32,000 N	
Overload Protection	With	
Net Weight	27.8kg (61.29 Lbs)	

### STANDARD ACCESSORIES

- \* Wrench M8 x1
- \* Hex. Key M2.5 x1
- \* Hex. Key M4 x1
- \* Chip Guard Kit x1
- \* Coolant Tank Kit x1
- \* Ratchet Strap x 1
- \* Drift x1
- \* Wrench M17 x1

### OPTIONAL ACCESSORIES

- \* MT3 Chuck Adaptor x1
- \* 5/8" (16mm) Chuck & Chuck Key x1
- \* MT3 Tapping Adaptors x1
- \* Tapping Attachments x1
- \* Pipe Vise x1
- \* Quick-Release Arbor x1

## MD 120/4 4 SPEED, MT3 MAGNETIC DRILLING & TAPPING MACHINE WITH VARIABLE SPEED

A versatile, heavy-duty machine for cutters up to Ø120 x 50mm, twist drills up to 32mm, and taps up to M32. The MT3 arbor can also fit many other types of cutting tools. The variable speed and sophisticated electronics allow optimized cutting speeds.



Model	MD120/4	
Power Input	220-240V: 2000W, 110-120V: 1700W	
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
* No Load min <sup>-1</sup>	Speed 1	35-120
	Speed 2	70-220
	Speed 3	80-250
	Speed 4	140-450
Max. Capacity	Dia. X Depth of Cut with 31.7mm (1-1/4") Weldon Shank Annular Cutter Arbor	120mm x 50mm
	Dia. X Depth of Cut with 19.05mm (3/4") Weldon Shank Annular Cutter Arbor	120mm x 50mm
	Dia. X Depth of Cut with Quick-Release Arbor	60mm x 50mm
	Dia. X Depth of MT3 Twist Drill Bit	32mm x 200mm
	Dia. X Depth of MT3 Chuck Adaptor with Twist Drill bit	16mm x 120mm
	Dia. X Depth of Taps	32mm x 40mm
Overload Protection	With	
Magnetic Adhesion	32,000 N	
Net Weight	29.3kg (64.6 Lbs)	

### STANDARD ACCESSORIES

- \* Wrench M8x1
- \* Hex key M2.5 & M5 x1
- \* Chip Guard Kit x1
- \* Coolant Tank Kit x1
- \* Ratchet Strap x 1
- \* Drift x1
- \* 31.75 Annular Cutter Set Screw Arbor x1
- \* 19.05 Annular Cutter Set Screw Arbor x1

### OPTIONAL ACCESSORIES

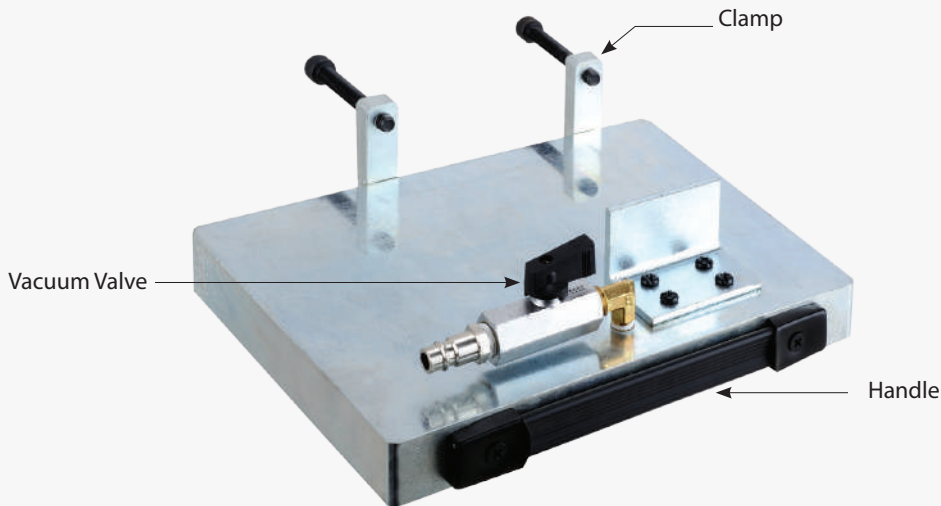
- \* MT3 Chuck Adaptor x1
- \* 5/8" (16mm) Chuck & Chuck Key x1
- \* MT3 Tapping Adaptors x1
- \* Tapping Attachments x1
- \* Quick-Release Arbor x1

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

## VACUUM BASE ADAPTER

For drilling up to 55mm holes on surfaces where the magnet's adhesion would not work or would not work or would be problematic, such as:

- Non-magnetic surfaces
- Thin steel
- Patterned surfaces such as diamond plate.



Model	Vacuum Base Adapter
Minimum Required Vacuum	0.8 bar (26 inHg)
Minimum Required Flow Rate	30L/min (1 cfm)
Maximum Annular Cutter	55mm
Dimensions (LxWxH)	234mm x 209mm x 81mm
Net Weight	5.3kg (11.68 Lbs)

### ■ Pipe Vise (for use with MDS750/4)

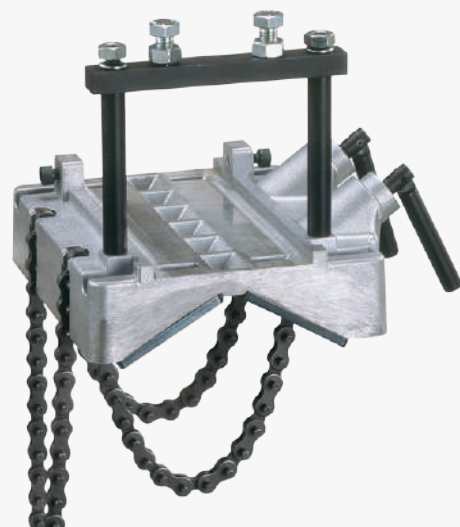
For Pipe Diameters 32mm - 203mm (1-1/4" - 8-1/4")

**0299-0062-00000-001**

### ■ Pipe Vise (for use with MD750/4)

For Pipe Diameters 32mm - 203mm (1-1/4" - 8-1/4")

**0299-0062-00000-002**



NOTE: We also have a dedicated Hole Cutting Drill available (see HC127 on p.48 )



## MAGNETIC DRILLING MACHINES OPTIONAL ACCESSORY SPECIFICATIONS

### ■ MD750/4 , MDS750/4 , MD120/4 Tapping Attachments

#### MT3 Small Range Tapping Chuck & Small Range (Bilz no.1) Clamp Collets (for use with 302-04293-901-001)

MT3 Small Range Tapping Chuck (For Clamp Collets 3 ~ 15mm)

302-04293-901-001



Clamp Collets			
Nominal Tap Sizes:	Shank Dia.:	Size of Square:	Part Number
M3-JIS	4.0	3.2	305-00155-000-001
M4-JIS	5.0	4.0	305-00155-000-002
M5-JIS	5.5	4.5	305-00155-000-003
M6-JIS	6.0	4.5	305-00155-000-004
M7/M8-JIS	6.2	5.0	305-00155-000-005
M9/M10-JIS	7.0	5.5	305-00155-000-006
M11-JIS	8.0	6.0	305-00155-000-007
M12-JIS	8.5	6.5	305-00155-000-008
M14/M15-JIS	10.5	8.0	305-00155-000-009
UNC5/16-JIS	6.1	5.0	305-00155-000-040
UNC1/2-JIS	9.0	7.0	305-00155-000-041

Clamp Collets			
Nominal Tap Sizes:	Shank Dia.:	Size of Square:	Part Number
M3.5-DIN376	2.5	2.1	305-00155-000-015
M4-DIN376	2.8	2.1	305-00155-000-016
M4.5 / M5 -DIN376	3.5	2.7	305-00155-000-017
M6-DIN376	4.5	3.4	305-00155-000-019
M7-DIN376	5.5	4.3	305-00155-000-020
M8-DIN376	6.0	4.9	305-00155-000-021
M10-DIN376	7.0	5.5	305-00155-000-022
M12-DIN376	9.0	7.0	305-00155-000-023
M14-DIN376	11.0	9.0	305-00155-000-024

#### MT3 Large Range Tapping Chuck & Large Range (Bilz no.2) Clamp Collets (for use with 302-04293-901-002) and with TP2000

MT3 Large Range Tapping Chuck (For Clamp Collets 7 ~ 25mm)

302-04293-901-002



Clamp Collets			
Nominal Tap Sizes:	Shank Dia.:	Size of Square:	Part Number
M7/M8-JIS	6.2	5.0	305-00155-000-030
M9/M10-JIS	7.0	5.5	305-00155-000-031
M11-JIS	8.0	6.0	305-00155-000-032
M12-JIS	8.5	6.5	305-00155-000-033
M14/M15-JIS	10.5	8.0	305-00155-000-034
M16-JIS	12.5	10.0	305-00155-000-010
M18-JIS	14.0	11.0	305-00155-000-011
M20-JIS	15.0	12.0	305-00155-000-012
M22 / UNC7/8 -JIS	17.0	13.0	305-00155-000-013
M24/M25-JIS	19.0	15.0	305-00155-000-014
UNC1/2-JIS	9.0	7.0	305-00155-000-042

Clamp Collets			
Nominal Tap Sizes:	Shank Dia.:	Size of Square:	Part Number
UNC5/8-JIS	12.0	9.0	305-00155-000-043
M8-DIN376	6.0	4.9	305-00155-000-036
M10-DIN376	7.0	5.5	305-00155-000-037
M12-DIN376	9.0	7.0	305-00155-000-038
M14-DIN376	11.0	9.0	305-00155-000-039
M16-DIN376	12.0	9.0	305-00155-000-025
M18-DIN376	14.0	11.0	305-00155-000-026
M20-DIN376	16.0	12.0	305-00155-000-027
M22 / M24 -DIN376	18.0	14.5	305-00155-000-028

### ■ MT3 Annular Cutter Arbors w/ 19.05 (3/4") or 31.75mm (1-1/4") Weldon Shank (For use with MD750/4, MDS750/4, MD120/4)

( 2 Screws, 1 C- clip, 1 Washer, 1 O-ring, 1 Water seal , 1 Spring are included )



Sizes:	Application	Part Number
ø19.05mm (212mm)	MD750/4, MD120/4	0299-0078-00000-009
ø19.05mm (237mm)	MDS750/4	0299-0078-00000-010
ø31.75mm (156mm)	MD750/4, MD120/4	0299-0078-00000-035

### ■ MT3 Quick-Release Annular Cutter Arbors w/19.05 (3/4") Weldon Shank (For use with MD750/4, MDS750/4, MD120/4 ) ( 1 Spring & 1 Water seal are included )



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

\*60mm maximum capacity

## ■ Quick-Release Chuck Adaptors



Description	Application	Part Number
Single flat side (shank 17.4mm) Chuck adaptor for 1/2" chuck	SMD351L, SMD351H,	302-04240-901-001
Two flat side (shank 17.4mm) Chuck adaptor for 1/2" chuck	SMD352, SMD502	302-04240-901-002
Single flat side (shank 17.9mm) Chuck adaptor for 1/2" chuck		302-04240-903-003
Two flat side (shank 17.9mm) Chuck adaptor for 1/2" chuck		302-04240-903-004

## ■ Pilot Pins



Description	Dimensions	Part Number
Pilot Pin for 12mm-17mm TCT 35L cutters	TCT - 90L x Ø6.34mm	305-00016-000-009
Pilot Pin for 18mm-60mm TCT 35L cutters	TCT - 90L x Ø7.98mm	305-00016-000-008
Pilot Pin for 12mm-17mm TCT 50L cutters	TCT - 106L x Ø6.34mm	305-00016-000-010
Pilot Pin for 18mm-60mm TCT 50L cutters	TCT - 108L x Ø7.98mm	305-00016-000-011
Pilot Pin for 12mm-100mm HSS 30L cutters	HSS - 77L x Ø6.34mm	305-00016-000-002
Pilot Pin for 12mm-100mm HSS 50L cutters	HSS - 103L x Ø6.34mm	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	MD750/4, MDS750/4,	0202-0016-00000-001
Chuck Adaptor for B16 Taper Mount Chucks	MT3/B16	MD120/4 (MT3 Machines)	302-04020-901-009

## ■ Drill Chucks & Chuck Keys



Description & Clamping Capacity	Mount	Application	Part Number
5/8" Chuck (w/ Key) (1mm~16mm)	5/8"-16	EVP180, MD750/4, MDS750/4, MD500/2, MD120 (MT3 Machines)	305-00014-000-002
1/2" Chuck (w/ Key) (1mm~13mm)	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 Number
400mm x 25mm	305-00173-000-001

## ■ Cutter Set in Case



Description	Part Number
Includes: step pilot pin, and 30L cutters in sizes 12, 14, 16, 18, 20 & 22mm.	0299-0052-00004-001

## TCT ANNULAR CUTTERS WITH 19.05MM (3/4") UNIVERSAL SHANK



Long-wearing Tungsten Carbide Tips

### 35mm Length Cutters

### 35mm Length Cutters

Spec.	Part number
35Lx12mm	305-00161-000-096
35Lx13mm	305-00161-000-099
35Lx14mm	305-00161-000-001
35Lx15mm	305-00161-000-002
35Lx16mm	305-00161-000-003
35Lx17mm	305-00161-000-004
35Lx18mm	305-00161-000-005
35Lx19mm	305-00161-000-006
35Lx20mm	305-00161-000-007
35Lx21mm	305-00161-000-008
35Lx22mm	305-00161-000-009
35Lx23mm	305-00161-000-010
35Lx24mm	305-00161-000-011
35Lx25mm	305-00161-000-012
35Lx26mm	305-00161-000-013
35Lx27mm	305-00161-000-014

(Sizes 35L x 51mm up to 100mm available on request.)

35Lx28mm	305-00161-000-015
35Lx29mm	305-00161-000-016
35Lx30mm	305-00161-000-017
35Lx31mm	305-00161-000-018
35Lx32mm	305-00161-000-019
35Lx33mm	305-00161-000-020
35Lx34mm	305-00161-000-021
35Lx35mm	305-00161-000-022
35Lx36mm	305-00161-000-023
35Lx37mm	305-00161-000-024
35Lx38mm	305-00161-000-025
35Lx39mm	305-00161-000-026
35Lx40mm	305-00161-000-027
35Lx41mm	305-00161-000-028
35Lx42mm	305-00161-000-029
35Lx43mm	305-00161-000-030
35Lx44mm	305-00161-000-031
35Lx45mm	305-00161-000-032
35Lx46mm	305-00161-000-033
35Lx47mm	305-00161-000-034
35Lx48mm	305-00161-000-035
35Lx49mm	305-00161-000-036
35Lx50mm	305-00161-000-037

### 50mm Long Reach Cutters

Spec.	Part number
50Lx16mm	305-00161-000-097
50Lx17mm	305-00161-000-098
50Lx18mm	305-00161-000-038
50Lx19mm	305-00161-000-039
50Lx20mm	305-00161-000-040
50Lx21mm	305-00161-000-041
50Lx22mm	305-00161-000-042
50Lx23mm	305-00161-000-043
50Lx24mm	305-00161-000-044
50Lx25mm	305-00161-000-045
50Lx26mm	305-00161-000-046
50Lx27mm	305-00161-000-047
50Lx28mm	305-00161-000-048
50Lx29mm	305-00161-000-049
50Lx30mm	305-00161-000-050
50Lx31mm	305-00161-000-051
50Lx32mm	305-00161-000-052
50Lx33mm	305-00161-000-053
50Lx34mm	305-00161-000-054
50Lx35mm	305-00161-000-055
50Lx36mm	305-00161-000-056
50Lx37mm	305-00161-000-057
50Lx38mm	305-00161-000-058
50Lx39mm	305-00161-000-059
50Lx40mm	305-00161-000-060
50Lx41mm	305-00161-000-061
50Lx42mm	305-00161-000-062
50Lx43mm	305-00161-000-063
50Lx44mm	305-00161-000-064
50Lx45mm	305-00161-000-065

### 50mm Long Reach Cutters

50Lx46mm	305-00161-000-066
50Lx47mm	305-00161-000-067
50Lx48mm	305-00161-000-068
50Lx49mm	305-00161-000-069
50Lx50mm	305-00161-000-070
50Lx51mm	305-00161-000-071
50Lx52mm	305-00161-000-072
50Lx53mm	305-00161-000-073
50Lx54mm	305-00161-000-074
50Lx55mm	305-00161-000-075
50Lx56mm	305-00161-000-076
50Lx57mm	305-00161-000-077
50Lx58mm	305-00161-000-078
50Lx59mm	305-00161-000-079
50Lx60mm	305-00161-000-080
50Lx61mm	305-00161-000-081
50Lx62mm	305-00161-000-082
50Lx63mm	305-00161-000-083
50Lx64mm	305-00161-000-084
50Lx65mm	305-00161-000-085
50Lx66mm	305-00161-000-086
50Lx67mm	305-00161-000-087
50Lx68mm	305-00161-000-088
50Lx69mm	305-00161-000-089
50Lx70mm	305-00161-000-090
50Lx71mm	305-00161-000-091
50Lx72mm	305-00161-000-092
50Lx73mm	305-00161-000-093
50Lx74mm	305-00161-000-094
50Lx75mm	305-00161-000-095

(Sizes 50L x 76mm up to 100mm available on request.)

## HSS Annular Cutters with 19.05mm (3/4") Weldon Shank



### 30mm Length Cutters

Spec.	Part Number
30Lx12mm	305-00162-000-001
30Lx13mm	305-00162-000-002
30Lx14mm	305-00162-000-003
30Lx15mm	305-00162-000-004
30Lx16mm	305-00162-000-005
30Lx17mm	305-00162-000-006
30Lx18mm	305-00162-000-007
30Lx19mm	305-00162-000-008
30Lx20mm	305-00162-000-009
30Lx21mm	305-00162-000-010
30Lx22mm	305-00162-000-011
30Lx23mm	305-00162-000-012
30Lx24mm	305-00162-000-013
30Lx25mm	305-00162-000-014
30Lx26mm	305-00162-000-015
30Lx27mm	305-00162-000-016

(Sizes 30L x 51mm up to 65mm available on request.)

### 30mm Length Cutters

30Lx28mm	305-00162-000-017
30Lx29mm	305-00162-000-018
30Lx30mm	305-00162-000-019
30Lx31mm	305-00162-000-020
30Lx32mm	305-00162-000-021
30Lx33mm	305-00162-000-022
30Lx34mm	305-00162-000-023
30Lx35mm	305-00162-000-024
30Lx36mm	305-00162-000-025
30Lx37mm	305-00162-000-026
30Lx38mm	305-00162-000-027
30Lx39mm	305-00162-000-028
30Lx40mm	305-00162-000-029
30Lx41mm	305-00162-000-030
30Lx42mm	305-00162-000-031
30Lx43mm	305-00162-000-032
30Lx44mm	305-00162-000-033
30Lx45mm	305-00162-000-034
30Lx46mm	305-00162-000-035
30Lx47mm	305-00162-000-036
30Lx48mm	305-00162-000-037
30Lx49mm	305-00162-000-038
30Lx50mm	305-00162-000-039

### 50mm Length Cutters

Spec.	Part Number
50Lx12mm	305-00162-000-040
50Lx13mm	305-00162-000-041
50Lx14mm	305-00162-000-042
50Lx15mm	305-00162-000-043
50Lx16mm	305-00162-000-044
50Lx17mm	305-00162-000-045
50Lx18mm	305-00162-000-046
50Lx19mm	305-00162-000-047
50Lx20mm	305-00162-000-048
50Lx21mm	305-00162-000-049
50Lx22mm	305-00162-000-050
50Lx23mm	305-00162-000-051
50Lx24mm	305-00162-000-052
50Lx25mm	305-00162-000-053
50Lx26mm	305-00162-000-054
50Lx27mm	305-00162-000-055
50Lx28mm	305-00162-000-056
50Lx29mm	305-00162-000-057
50Lx30mm	305-00162-000-058

(Sizes 50L x 51mm up to 65mm available on request.)

### 50mm Length Cutters

50Lx31mm	305-00162-000-059
50Lx32mm	305-00162-000-060
50Lx33mm	305-00162-000-061
50Lx34mm	305-00162-000-062
50Lx35mm	305-00162-000-063
50Lx36mm	305-00162-000-064
50Lx37mm	305-00162-000-065
50Lx38mm	305-00162-000-066
50Lx39mm	305-00162-000-067
50Lx40mm	305-00162-000-068
50Lx41mm	305-00162-000-069
50Lx42mm	305-00162-000-070
50Lx43mm	305-00162-000-071
50Lx44mm	305-00162-000-072
50Lx45mm	305-00162-000-073
50Lx46mm	305-00162-000-074
50Lx47mm	305-00162-000-075
50Lx48mm	305-00162-000-076
50Lx49mm	305-00162-000-077
50Lx50mm	305-00162-000-078



## T14 TAPPER

A convenient tool for quickly tapping a series of through holes or blind holes up to M16 (5/8")



### OPTIONAL ACCESSORIES:



Model	T14	
Power Input	450W	
Voltage	220-240~ 50-60Hz or 110-120V~ 50-60Hz	
No Load min <sup>-1</sup>	Forward	280
	Reverse	680
Tapping Capacity	Steel	14mm (9/16")
	Aluminum	16mm (5/8")
Dimensions (LxWxH)	400mm x 80mm x 200mm	
Net Weight	2.7kg (5.94 Lbs) (Not including side handle 0.45kg (1Lb))	

### STANDARD ACCESSORIES

- \* Side Handle x1
- \* 4mm L-Hex Key x1
- \* Depth Stop x1

### OPTIONAL ACCESSORIES

- \* Safety Clutch x1

## HP1400 BEVELER & P3K HIGH FREQUENCY CONVERTER

## HIGH FREQUENCY BEVELING SYSTEM

High frequency technology for high power-to-weight ratio and long duty cycles. Extremely stable rpm extends the life of consumables.

Converter can take both single and three phase current



Impact Resistant Enclosure

LCD Display Screen

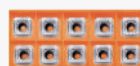


### OPTIONAL ACCESSORIES:

Replacement Carbide Inserts (Box of 10)

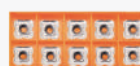


High Frequency Shielded Coupling Cable  
(Please indicate required length when ordering)



Straight Bevel

Straight Bevel  
R2.5 Radius  
R3.5 Radius  
R4 Radius



R2.5 Radius



R3.5 Radius



R4 Radius

305-00051-000-007

305-00051-000-008

305-00051-000-009

305-00051-000-010



### High Frequency Beveler

Model	HP1400
Power output	1400W
* No Load min <sup>-1</sup>	6000-8550
Bevel Angle	45 Deg.(Optional 30 Deg.)
Max. Bevel Height (45 Deg.)	6mm
Min. Diameter For Inside Bevels	30mm
Dimensions (LxWxH)	310mm x 150mm x 150mm
Net Weight	3.9kg (8.6 Lbs)

### Converter

Model	P3K
Voltage	200-240V~50-60Hz, single phase / 3 phase
Input	3.0 KVA
Output	8A, 1600W, 210V, 200-285 Hz
Dimensions (LxWxH)	260mm x 160mm x 215mm
Net Weight	2.65kg (5.83 Lbs)

### STANDARD ACCESSORIES

- \* Anti- Vibration Side Handle x1
- \* Torx Wrench T15 x1
- \* Hook Spanner Wrench x1
- \* Face Spanner Wrench x1
- \* 45 Deg. Tool Holder Set x1
- \* Square Carbide Inserts x3
- \* 20m coupling cable x1
- \* Hex Wrench M14 x1

### OPTIONAL ACCESSORIES

- \* 30 Deg. Tool Holder Set x1
- \* R2.5mm inserts x10
- \* R3.5mm inserts x10
- \* R4.0mm inserts x10
- \* 10m coupling cable x1
- \* 30m coupling cable x1

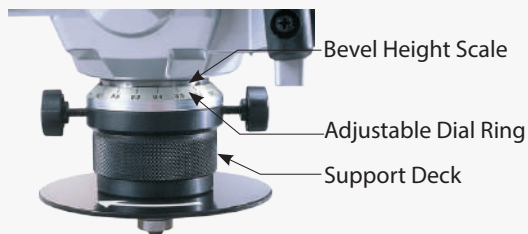
\* Due to the motor design, the no load and the rated load speeds are roughly the same.

## EB6T ELECTRIC BEVELER

Shape beveler for 45 degree bevels with up to 6mm chamfer height. Excellent for following curved shapes, beveling cut-outs and countersinking holes over 30mm. Uses 3 standard square carbide inserts. Can also perform radiused edges with optional inserts and 30 degree bevels with optional tool holder.



### Tool-Free Bevel Height Setting with Micrometer Scale



Plastic Carry Case  
352mm x 257mm x 312mm  
0299-0075-00100-007

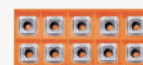
### OPTIONAL ACCESSORIES:

Carbide Insert  
(Optional Radius Cutting Insert shown)



Three Insert Tool Holder

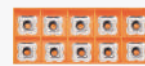
#### Replacement Carbide Inserts (Box of 10)



Straight Bevel  
305-00051-000-007



R3.5 Radius  
305-00051-000-009



R2.5 Radius  
305-00051-000-008



R4 Radius  
305-00051-000-010



### STANDARD ACCESSORIES

- \* Torx Wrench T15 x1
- \* Hook Spanner Wrench x1
- \* Spindle Lock Bar x1
- \* 45 Deg. Tool Holder Set x1
- \* Square Carbide Inserts x2

### OPTIONAL ACCESSORIES

- \* 30 Deg. Tool Holder Set x1
- \* R2.5mm inserts x10
- \* R3.5mm inserts x10
- \* R4.0mm inserts x10

Model	EB6T
Power Input	1100W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
* No Load min <sup>-1</sup>	3000 - 6000
Bevel Angle	45 Deg.(Optional 30 Deg.)
Max. Chamfer Height (45 Deg.)	6mm
Min. Diameter For Inside Bevels	30mm
Dimensions (LxWxH)	308mm x 344mm x 273mm
Net Weight	4.5kg (9.92 Lbs)

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

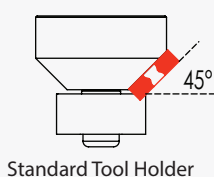
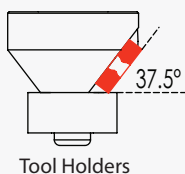
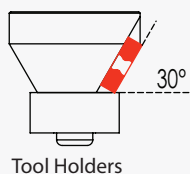


## EB12 ELECTRIC BEVELER

Heavy duty shape beveler for 45 degree bevels with up to 10.6mm chamfer height. Excellent for beveling straight lines, curved shapes, cut-outs and countersinking holes over 30mm. Uses 6 square carbide inserts. Can also perform 30 and 37.5 degree bevels with optional tool holders.



### OPTIONAL ACCESSORIES:



### Replacement Carbide Inserts (Box of 10)



Straight Bevel

305-00051-000-006



Model	EB12
Power Input	1800W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
* No Load min <sup>-1</sup>	2300 - 6500
Speed Wheel Settings	1/ 2/ 3/ 4/ 5/ 6: 2300/ 2600/ 3700/ 4800/ 5800/ 6500
Std. Bevel Angle	45 Deg.
Max. Chamfer Height	45 Deg. : 10.6 mm
Mini. Dia. For Inside Bevels	30 mm
Soft Start & Overload Protection	With
Dimensions (LxWxH)	485mm x 192mm x 150mm
Net Weight	6.35kg (14 Lbs)

### STANDARD ACCESSORIES

- \* 45 Deg. Tool Holder Set x1
- \* Square Carbide Inserts x6
- \* Torx Wrench T15 x1
- \* Hex. Wrench M6 x1
- \* Hook Spanner Wrench x1
- \* Spindle Lock Bar x1

### OPTIONAL ACCESSORIES

- \* 30 Deg. Tool Holder Set x1
- \* 37.5 Deg. Tool Holder Set x1

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

## EB24R ELECTRIC BEVELER

A plate beveler for angles from 0° to 60° with a maximum land width of 21mm with facing off and pipe beveling capability from 150 to 350mm



Plate Facing-off:  
0 Deg.

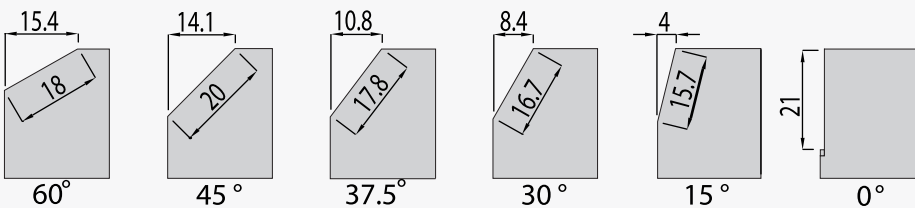


Plate Beveling



Pipe Beveling

Bevel widths on straight and round materials



### OPTIONAL ACCESSORIES:

Replacement Carbide Inserts (Box of 12)



Straight Bevel

305-00052-000-001



Model	EB24R	
Power Input	1100W	
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
No Load min <sup>-1</sup>	60Hz: 3600 , 50Hz: 3000	
Angular Adjustment	Angle	Max. Bevel Width
	60 Deg.	18mm
	45 Deg.	20mm
	37.5 Deg.	17.8mm
	30 Deg.	16.7mm
	15 Deg.	15.7mm
	0 Deg.	21mm
Pipe beveling	150mm - 350mm (Standard), 300mm-600mm(Optional)	
Dimensions (LxWxH)	503mm x 350mm x 248mm	
Net Weight	20.1kg (44.31 Lbs)	

### STANDARD ACCESSORIES

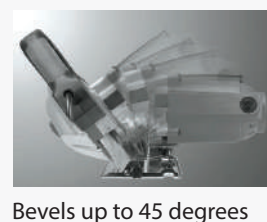
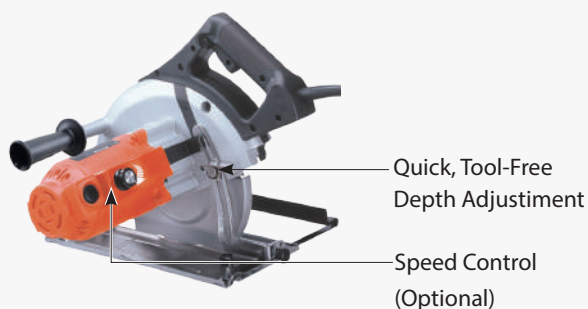
- \* Milling Disc, x2
- \* Square Carbide Inserts x12
- \* L-Hex. Wrench M8 x1
- \* L-Hex. Wrench M3 x1
- \* M 22 Open End Wrench x1
- \* M 32 Combination Wrench x1
- \* M27 x M24 Double Open End Wrench x1
- \* Zero Degree Milling Receiver x1
- \* Bevel Milling Receiver x1

### OPTIONAL ACCESSORIES

- \* Large Table Plate (for pipes 300-600mm) x1
- \* Small Table Plate (for pipes 150-350mm) x1

## CS200 & CS230N METAL CUTTING CIRCULAR SAWS

Quickly cut metals such as steel, stainless, aluminum and others using TCT dry cut blades for accurate, burr-free cuts.



Model	CS200	CS230N
Power Input	1700W	1700W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
No Load min <sup>-1</sup>	3700	2200
Bevels	0 to 45 Degrees	0 to 45 Degrees
TCT Saw Blade	200 mm ( 8 in.)	230 mm ( 9 in.)
Arbor	30mm (1-3/16 in.) or 25.4mm (1 in.)	30mm (1-3/16 in.) or 25.4mm (1 in.)
Cutting Capacities	Straight cut: 67 mm (2-5/8 in.)	Straight cut: 80mm (3- 1/4 in.)
	45 Degree Bevel: 42mm (1-5/8 in.)	45 Degree Bevel: 56mm (2-3/16 in.)
Soft Start & Overload Protection	With	With
Dimensions (LxWxH)	368mm x 284mm x 330mm	383mm x 301mm x 360mm
Net Weight	7.1kg (15.62 Lbs)	8.2kg (18.04 Lbs)

### STANDARD ACCESSORIES

- \* Side Handle x1
- \* Hex. Wrench M6 x1

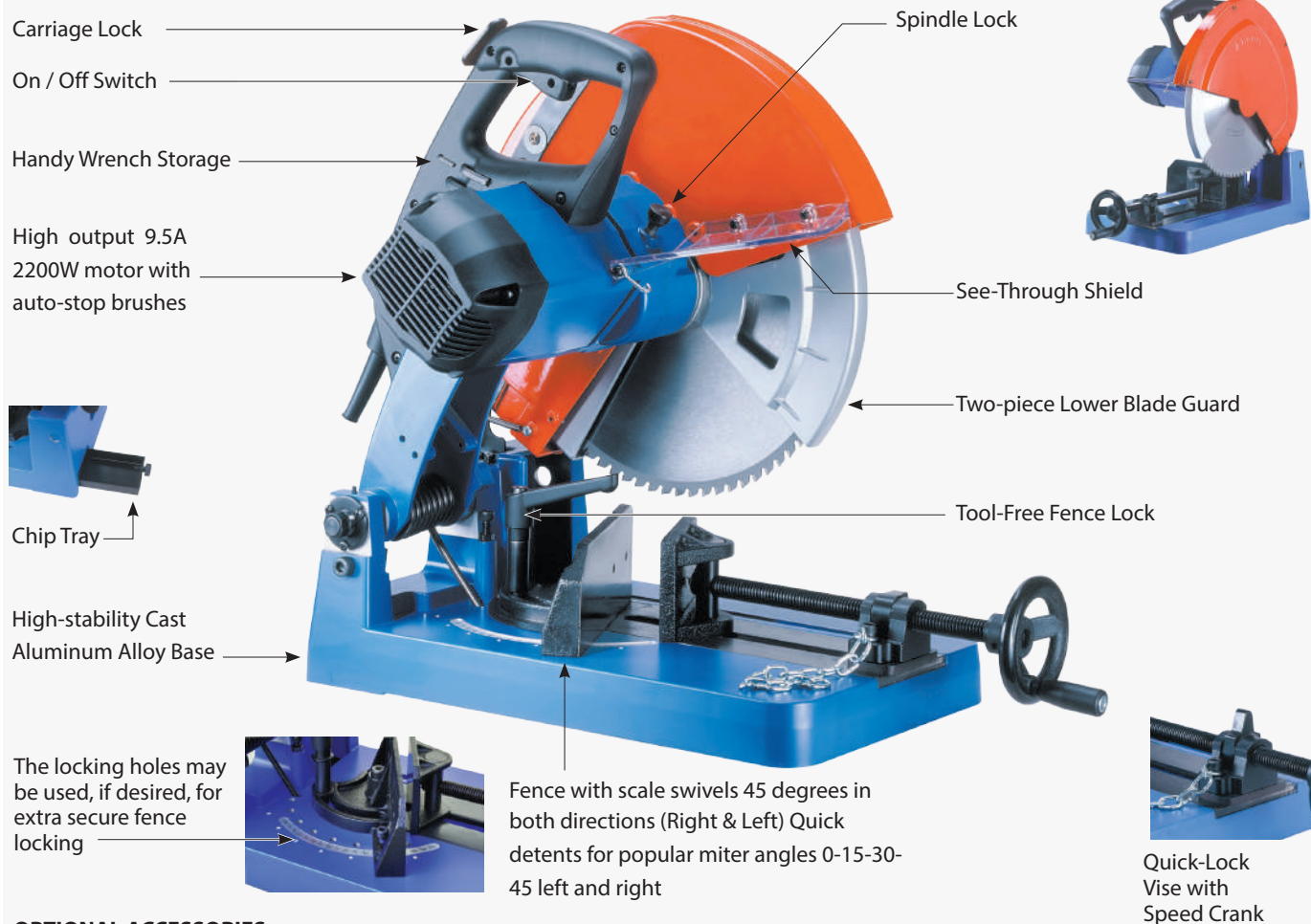
### OPTIONAL ACCESSORIES

- \* Speed Control Device
- \* TCT Saw Blade ( See p.39)



## 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.



### OPTIONAL ACCESSORIES:



V-Jig Block

201-0030-00902-001



Safety Goggles

305-00056-000-001



Lever Clamp

305-00179-000-001



Soft Start



Model	DRC355		
Power Input	2200W		
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz		
No Load min <sup>-1</sup>	1300		
Max Blade Diameter	355mm (14")		
Max. Cutting Capacities	90 deg.	Round Pipe	132mm
		Square Stock	120mm (W) x 120mm(H)
		Rectangular Stock	180mm(W) x 100mm(H)
Right Hand Miter	45 deg.	Round Pipe	105mm
		Square Stock	90mm(W) x 90mm(H)
		ectangular Stock	90mm(W) x 120mm(H)
Left Hand Miter	25 deg.	80mm(W) x 120mm(H)	
	30 deg.	90mm(W) x 120mm(H)	C-clamp required
	35 deg.	80mm(W) x 120mm(H)	C-clamp required
	45 deg.	70mm(W) x 120mm(H)	C-clamp required
Arbor	25.4mm ( 1")		
Soft Start	With		
Dimensions (LxWxH)	680mm x 360mm x 580mm		
Net Weight	24.6kg (54.23 Lbs)		

### STANDARD ACCESSORIES

- \* 4 mm Hex. Wrench x1
- \* 6 mm Hex. Wrench x1
- \* 8 mm Hex. Wrench x1
- \* Chip Tray

### OPTIONAL ACCESSORIES

- \* V-Jig Block x1
- \* Safety Goggles x1
- \* Lever Clamp x1
- \* TCT Saw Blade ( See p.39)

## CS320 METAL CUTTING CIRCULAR SAW

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

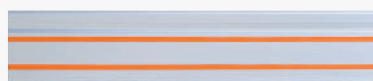
Unique, patented dust chamber cover opens and snaps closed in seconds. Highly effective dust and debris collection.

Large cutting capacity provided by the 320mm metal cutting blade. A full 121mm depth of cut when mounted on a guide rail.



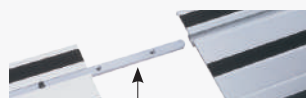
### OPTIONAL ACCESSORIES:

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  
Guide Rail

174mm x 1400mm  
174mm x 800mm



Guide Rail Connector  
0299-0106-00000-001



Lever Clamp  
305-00179-000-001

Kicker Lever for opening the lower blade guard on thick, soft-cored sandwich panels



LED load Indicator



overload protection



Soft Start



Model	CS320
Power Input	220-240V:1800W, 110-120V: 1700W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
No Load min <sup>-1</sup>	1700
Max Blade Diameter	320mm
Arbor Hole Diameter	25.4mm (1 Inch)
Max Cutting Depth	128mm (121mm On Guide Rail)
Soft Start & Overload Protection	With
Dimensions (LxWxH)	500mm x 342mm x 355mm
Net Weight	8.4kg (18.52 Lbs)

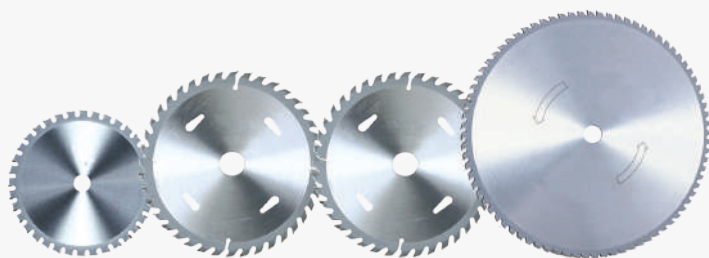
### STANDARD ACCESSORIES

- \* 6mm Hex Wrench x1
- \* Side Handle x1

### OPTIONAL ACCESSORIES

- \* TCT Saw Blades (Excellent for sandwich panel) ( See p.39)

## TCT SAW BLADES



### ■ TCT Saw Blades for Wood:

Application	Part Number	Dia. (mm)	Kerf. (mm)	Bore (mm)	Teeth	Plate (mm)	Hardness HRA	Carbide (mm)		Hook Angle	Grind
								Thick	Length		
DS1600	305-00036-000-003	160	2.8	20	28	2	92	2	6.5	0°	ATB
GP255, GP255S	305-00036-000-016	255	2.6	25.4	40	1.8	92	1.6	5.5	20°	ATB
GP255, GP255S	305-00036-000-017	255	2.8	30	40	1.8	92	1.6	5.5	0°	ATB

### ■ TCT Saw Blade for Aluminium:

Application	Part Number	Dia. (mm)	Kerf. (mm)	Bore (mm)	Teeth	Plate (mm)	Hardness HRA	Carbide (mm)		Hook Angle	Grind
								Thick	Length		
DRC355	305-00036-000-020	355	2.4	25.4	80	2.0	91	1.9	6.2	0°	TCG
GP255, GP255S	305-00036-000-058	255	2.6	25.4	100	1.8	91	1.6	5.5	0°	TCG
GP255, GP255S	305-00036-000-066	255	2.6	30	100	1.8	91	1.6	5.5	0°	TCG

### ■ TCT Saw Blades for Steel:

Application	Part Number	Dia. (mm)	Kerf. (mm)	Bore (mm)	Teeth	Plate (mm)	Hardness HRA	Carbide (mm)		Hook Angle	Grind
								Thick	Length		
CS200	305-00036-000-008	203	2.0	20	40	1.6	90.8	1.6	5.5	0°	TCG
CS230N	305-00036-000-029	230	2.0	25.4	48	1.6	90.8	1.6	5.5	0°	TCG
CS320	305-00036-000-054	320	2.2	25.4	80	1.8	90.8	1.9	6.2	0°	TCG
DRC355	305-00036-000-001	355	2.4	25.4	80	2.0	90.8	1.9	6.2	0°	TCG

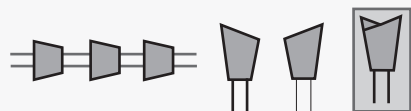
### ■ TCT Saw Blades for Stainless Steel:

Application	Part Number	Dia. (mm)	Kerf. (mm)	Bore (mm)	Teeth	Plate (mm)	Hardness HRA	Carbide (mm)		Hook Angle	Grind
								Thick	Length		
CS200	305-00036-000-037	203	1.8	20	52	1.4	90.8	1.6	5.5	7°	TCG
CS230N	305-00036-000-039	230	1.8	25.4	60	1.4	90.8	1.6	5.5	10°	TCG
DRC355	305-00036-000-021	355	2.4	25.4	90	2.0	90.8	1.9	6.2	10°	TCG

### Note: Tooth Grind Patterns

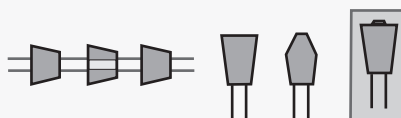
#### ATB (Alternate Top Bevel)

Ideal for cross cutting and ripping in wood



#### TCG (Triple Chip Grind)

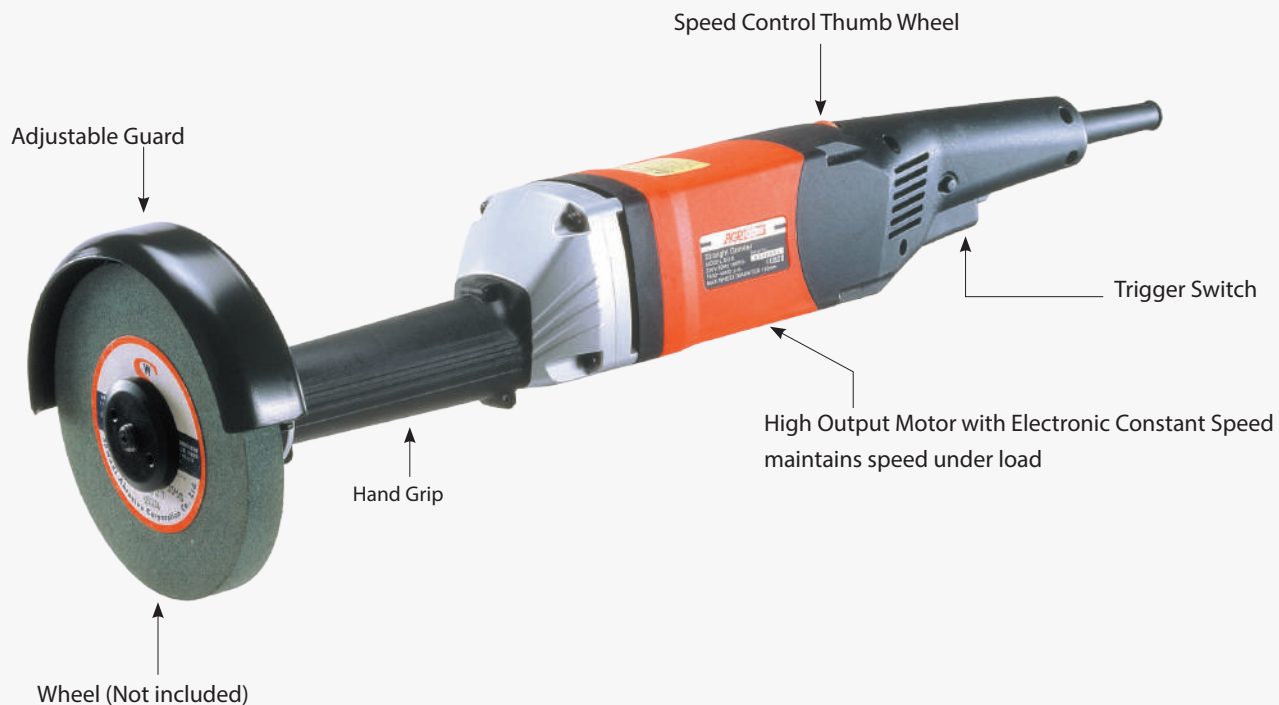
Ideal for metal cutting blades. Gives long sharp life in hard materials. The pointed tooth cuts narrow kerf, then the flat-top raker tooth widens the kerf and clears out chips.





## SG6 150mm STRAIGHT GRINDER

Heavy duty straight grinder with variable constant speed electronics for outstanding performance and even finish.



### ■ Polishing mode



Model	SG6
Power Input	220-240W:1500W, 110-120V:1300W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
* No Load $\text{min}^{-1}$	1600 - 4800
Spindle	M14 (W/ 20mm Tool Holder)
Max. Wheel Diameter	150mm (6")
Dimensions (LxWxH)	566mm x 80mm x 96mm
Soft Start & Overload Protection	With
Net Weight	3.4kg (6.61 Lbs)

#### STANDARD ACCESSORIES

- \* Face Spanner Wrench x1
- \* Taper Mandrel Arbor x1
- \* Wrench M17 x1
- \* Wrench M22 x1
- \* Hex Key M5 x1

#### OPTIONAL ACCESSORIES

- \* Wheel x1

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

## WS760 WRAPAROUND TUBE SANDER / POLISHER

A specialized tool for fast and easy finishing of tube forms. Contacts up to 270 degrees of the tube at a time. Easy belt changes for different grits and grades of belt.



Surface Conditioning Belt



Sandpaper Belt

Plastic Carry Case 572mm x 362mm x 238mm

Surface Conditioning Belt (40 x 760mm)

Sandpaper Belt #120 grit (40 x 760mm)

Sandpaper Belt #220 grit (40 x 760mm)

0299-0075-00100-011

305-00043-000-002

305-00045-000-009

305-00045-000-010



Plastic Carry Case



overload protection



Soft Start



Variable Speed



Constant Speed



Model	WS760
Power Input	220-240V:1200W, 110-120V:850W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
* No Load min <sup>-1</sup>	1600 - 3200
Surface Speed	3~12 m/sec
Max. Belt ( L ) x ( W )	760mm x 40mm
Max. Pipe Diameter	180mm
Max. Polishing Deg.	270
Soft Start & Overload Protection	With
Dimensions (LxWxH)	530mm x 370mm x 215mm
Net Weight	3.1kg (6.83 Lbs)

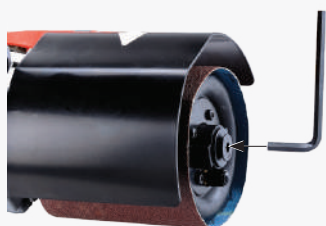
### STANDARD ACCESSORIES

- \* Side Handle x1
- \* Surface Conditioning Belt (40 x 760mm) x1
- \* Sandpaper Belt #120 grit (40 X 760mm) x5
- \* Sandpaper Belt #220 grit (40 X 760mm) x5
- \* Face Spanner Wrench

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

## DP100 DRUM SANDER / POLISHER

An extremely versatile linear sander / polisher system. Go all the way from rough sanding up through mirror polishing as well as create effects like brushed finishes.



### Screw Type (Optional)

The screw type mounting nut fits flush and allows the drum to go all the way into corners

New cast aluminum front handle bracket for better balance and stability



### Plastic Carry Case

572mm x 362mm x 238mm

### Part Number

0299-0075-00100-006



overload protection



Soft Start



Variable Speed



Constant Speed



Model	DP100
Power Input	220-240V:1200W, 110-120V:850W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
* No Load min <sup>-1</sup>	1500~2800
Max. Wheel Diameter	100mm
Max. Wheel Width	100mm
Arbor	19mm double keyed x 100mm long
Soft Start & Overload Protection	With
Dimensions (LxWxH)	394mm x 198mm x 195mm
Net Weight	3.5kg (7.71 Lbs)

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



## Drive Pulley for Belts

Maximum Tube Diameter with 600mm belts: 130mm



## Surface Conditioning Flap Wheel



### ■ STANDARD ACCESSORIES KIT

Plastic Carry Case 572mm x 362mm x 238mm

299-0075-00100-006

### ■ Inflatable Rubber Sanding Drum



Inflatable Rubber Sanding Drum x1

0299-0016-00000-001



Air Pump x1

305-00041-004-001



Surface Conditioning Sleeve(100 x 292mm) x1

Sandpaper Sleeve #60 x1

Sandpaper Sleeve #100 x1

Sandpaper Sleeve #180 x1

305-00043-000-001

305-00045-000-001

305-00045-000-002

305-00045-000-003

### ■ Drive Pulley for Belts

(All belts with 45 degree slit for opening and closing)



Drive Pulley for Belts x1

303-01073-005-001



Surface Conditioning Belt (40 x 600mm) x1

305-00046-000-001



Sandpaper Belt #120 Grit (40 x 600mm) x1

305-00048-000-001



Hook & Loop Belt Closing Straps (30 x 700mm) x1

305-00049-000-001

### ■ Surface Conditioning Flap Wheel



Surface Conditioning Flap Wheel (100 x 100 x 19mm) x1

305-00042-000-001



Arbor Spacer Discs (35 x 19 x 5mm) x1  
(for fitting narrower wheels to the arbor)

303-01021-004-002

## PF8 PRESS FITTING MACHINE

A tool for plumbing press fittings with a unique system combining the reliability of a mechanical press ram with electro-hydraulic control. This patented system gives unprecedented service life and easy maintenance.

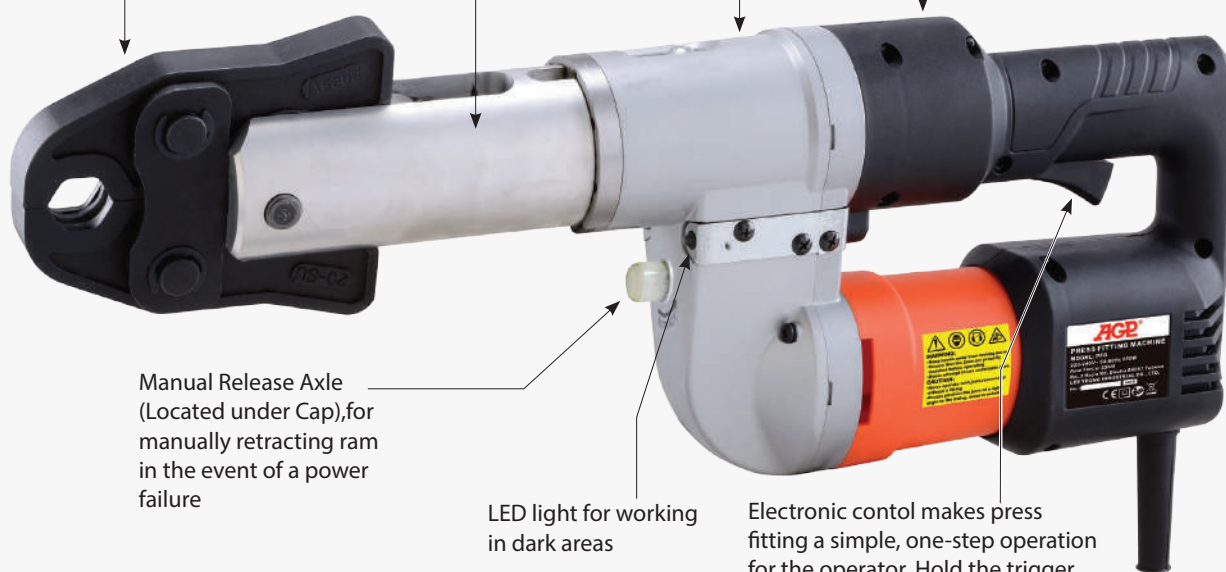
**PATENTED**

Uses standard press fit jaws  
(jaws not included)

360° rotatable ram  
arm for fitting into  
tight spaces

Rugged, low  
maintenance  
mechanical drive

electro-hydraulic pressure  
control for a perfect press fit  
every time

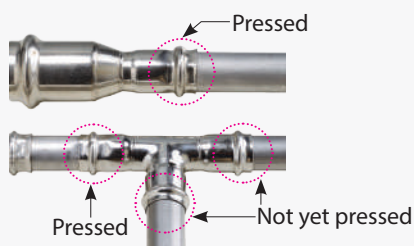


Manual Release Axle  
(Located under Cap), for  
manually retracting ram  
in the event of a power  
failure

LED light for working  
in dark areas

Electronic control makes press  
fitting a simple, one-step operation  
for the operator. Hold the trigger  
and when the pressure is reached,  
the ram automatically returns

Lock Pin Lever



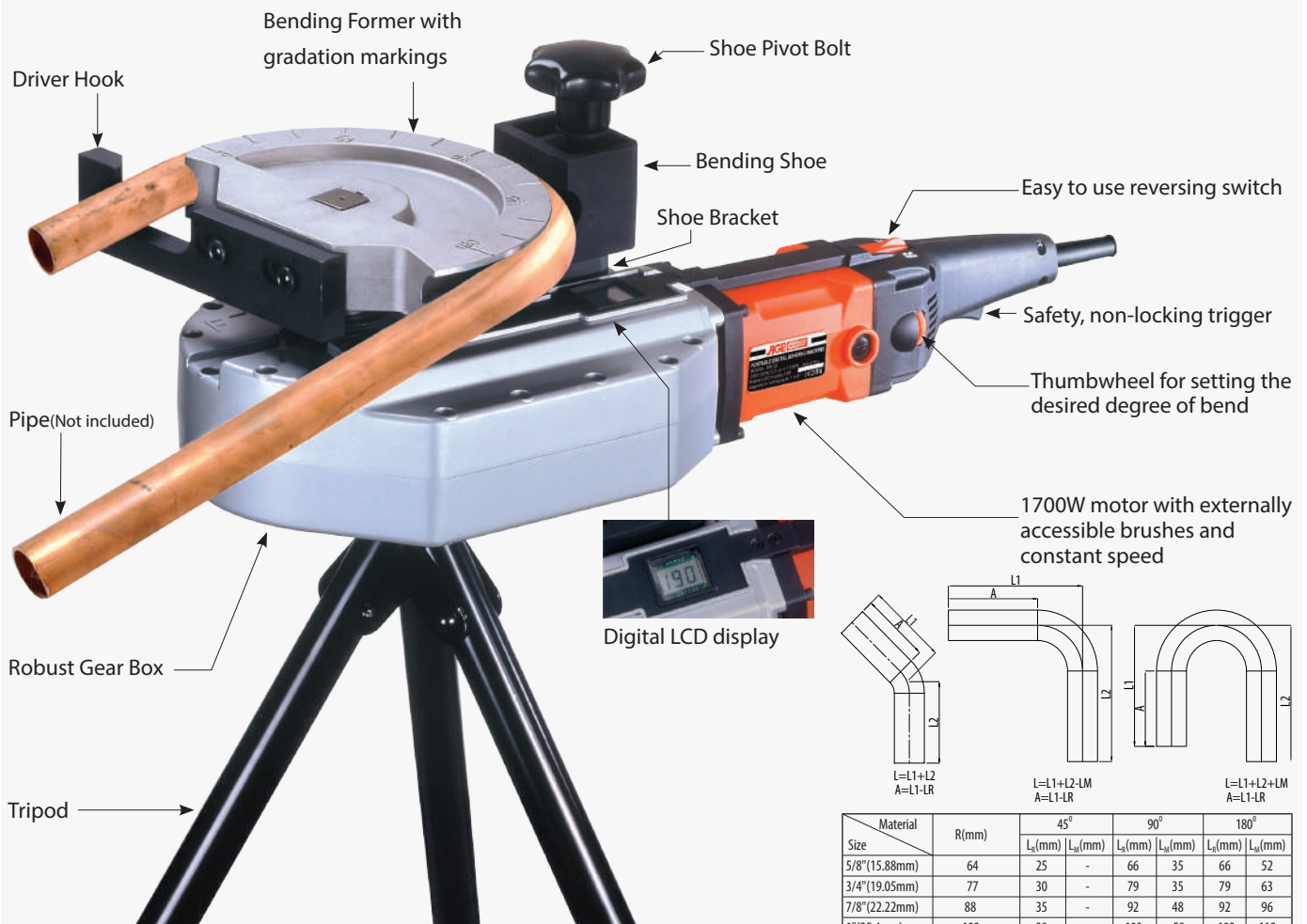
Model	PF8
Power Input	550W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
Ram Force (max.)	41kN (limited to 35kN version available)
Max Capacity	10mm - 110mm (over 40mm with 2 piece jaws)
Dimensions (LxWxH)	450mm x 85mm x 190 mm
Net Weight	5.8kg (12.76 Lbs)

### STANDARD ACCESSORIES

N/A

## DB32 DIGITAL BENDING MACHINE

A portable tubing bender with unique digital LCD degree display. Preset the desired angle up to 190° in tubing up to 1-3/8". The digital control allows fine tuning of the bend and repeatable results.



### OPTIONAL ACCESSORIES:



Bending Former & Bending Shoe

#### Bending Former

1. 5/8"	R=4D	0299-0045-00000-001
2. 3/4"	R=4D	0299-0045-00000-002
3. 7/8"	R=4D	0299-0045-00000-003
4. 1"	R=4D	0299-0045-00000-004
5. 1-1/8"	R=4D	0299-0045-00000-005
6. 1-1/4"	R=4D	0299-0045-00000-006
7. 1-3/8"	R=3.5D	0299-0045-00000-007

#### Bending Shoe

5/8"	303-01220-004-001
3/4"	303-01220-004-002
7/8"	303-01220-004-003
1"	303-01220-004-004
1-1/8"	303-01220-004-005
1-1/4"	303-01220-004-006
1-3/8"	303-01220-004-007

Material	R(mm)	45°		90°		180°	
		L <sub>s</sub> (mm)	L <sub>u</sub> (mm)	L <sub>s</sub> (mm)	L <sub>u</sub> (mm)	L <sub>s</sub> (mm)	L <sub>u</sub> (mm)
5/8" (15.88mm)	64	25	-	66	35	66	52
3/4" (19.05mm)	77	30	-	79	35	79	63
7/8" (22.22mm)	88	35	-	92	48	92	96
1" (25.4mm)	102	39	-	103	58	103	112
1-1/8" (28.58mm)	115	45	-	118	55	118	118
1-1/4" (31.75mm)	127	50	-	130	71	130	135
1-3/8" (34.9mm)	123	48	-	126	51	126	149



Soft Start



Forward and Reverse Switch



Constant Speed



### STANDARD ACCESSORIES

\* Tripod x1

\* Velcro Strap x1

Model	DB32
Power Input	1700W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
No Load min <sup>-1</sup>	3.5
Max. Capacity	35mm (1-3/8")
Soft Start	With
Dimensions (LxWxH)	630mm x 230mm x 183mm
Net Weight (Machine only)	14kg (30.86 Lbs)

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



## PT600 PORTABLE THREADING MACHINE

A high torque, robust machine for fast right or left-hand threading of pipes up to 2"



### OPTIONAL ACCESSORIES: ( see p.48)

Set of 6 Die Head Assemblies & Adapter



Forward and  
Reverse Switch



Model	PT600
Power Input	1100 W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
No Load min <sup>-1</sup>	26
Full Load min <sup>-1</sup>	19
Max. Die Head	2" nominal (60.33mm)
Dimensions (LxWxH)	552mm x 200mm x 98mm
Net Weight	7.6kg (16.76 Lbs)

### STANDARD ACCESSORIES

- \* Adaptor x1
- \* Blocking Vise x1

### OPTIONAL ACCESSORIES

- \* Replacement Dies x1
- \* Set of 6 Die Head Assemblies: 1/2", 3/4", 1", 1-1/4", 1-1/2" & 2" (Die heads are available in either NPT or BSPT thread forms. Please specify when ordering)

## MANUAL PIPE THREADER SETS

A complete manual pipe threader set with rugged, compact, 17 tooth ratchet which only requires 22.5° of swing. Die heads may also be used with power threaders like the PT600

Ratchet selector in middle position for mounting adaptors

Total length 74cm

Reversible Ratchet Head can mount die heads from either side

Large Range Octagon Drive Adaptor

Small Range Octagon Drive Adaptor



Rothenberger System



Ridgid System

Thread Type	Die Type	Sizes	Set Number
BSPT	Rothenberger System	1/2", 3/4", 1", 1-1/4", 1-1/2", 2"	0299-0187-00100-001
NPT	Rothenberger System	1/2", 3/4", 1", 1-1/4", 1-1/2", 2"	0299-0187-00100-002
BSPT	Ridgid System	1/2", 3/4", 1", 1-1/4", 1-1/2", 2"	0299-0187-00100-003
NPT	Ridgid System	1/2", 3/4", 1", 1-1/4", 1-1/2", 2"	0299-0187-00100-004

### STANDARD ACCESSORIES

N/A

Max. Die Head	2" nominal (60.33mm)
Dimensions (LxWxH)	740mm x 132mm x 57mm (Not Including Adaptor and Die Head)
Net Weight	3.5kg (7.72 Lbs) (Not Including Adaptor and Die Head)

## INDIVIDUAL DIE HEADS (Including Dies, Pre-Mounted)

Die Heads are standard octagon drive and fit both PT600 Power Portable Threaders and Manual Pipe Threaders

Thread Type	Die Type	Sizes	Set Number
BSPT	ROTHENBERGER System	1/2"	305-00147-000-002
BSPT	ROTHENBERGER System	3/4"	305-00147-000-003
BSPT	ROTHENBERGER System	1"	305-00147-000-004
BSPT	ROTHENBERGER System	1-1/4"	305-00147-000-005
BSPT	ROTHENBERGER System	1-1/2"	305-00147-000-006
BSPT	ROTHENBERGER System	2"	305-00147-000-007
NPT	ROTHENBERGER System	1/2"	305-00147-000-008
NPT	ROTHENBERGER System	3/4"	305-00147-000-009
NPT	ROTHENBERGER System	1"	305-00147-000-010
NPT	ROTHENBERGER System	1-1/4"	305-00147-000-011
NPT	ROTHENBERGER System	1-1/2"	305-00147-000-012
NPT	ROTHENBERGER System	2"	305-00147-000-013
BSPT	RIDGID System	1/2"	305-00147-000-014
BSPT	RIDGID System	3/4"	305-00147-000-015
BSPT	RIDGID System	1"	305-00147-000-016
BSPT	RIDGID System	1-1/4"	305-00147-000-017
BSPT	RIDGID System	1-1/2"	305-00147-000-018
BSPT	RIDGID System	2"	305-00147-000-019
NPT	RIDGID System	1/2"	305-00147-000-020
NPT	RIDGID System	3/4"	305-00147-000-021
NPT	RIDGID System	1"	305-00147-000-022
NPT	RIDGID System	1-1/4"	305-00147-000-023
NPT	RIDGID System	1-1/2"	305-00147-000-024
NPT	RIDGID System	2"	305-00147-000-025

### ■ REPLACEMENT DIES (4 pieces per set)

Thread Type	Die Type	Sizes	Set Number
BSPT	ROTHENBERGER System	1/2"	305-00052-000-004
BSPT	ROTHENBERGER System	3/4"	305-00052-000-005
BSPT	ROTHENBERGER System	1"	305-00052-000-006
BSPT	ROTHENBERGER System	1-1/4"	305-00052-000-007
BSPT	ROTHENBERGER System	1-1/2"	305-00052-000-008
BSPT	ROTHENBERGER System	2"	305-00052-000-009
NPT	ROTHENBERGER System	1/2"	305-00052-000-010
NPT	ROTHENBERGER System	3/4"	305-00052-000-011
NPT	ROTHENBERGER System	1"	305-00052-000-012
NPT	ROTHENBERGER System	1-1/4"	305-00052-000-013
NPT	ROTHENBERGER System	1-1/2"	305-00052-000-014
NPT	ROTHENBERGER System	2"	305-00052-000-015
BSPT	RIDGID System	1/2"	305-00052-000-016
BSPT	RIDGID System	3/4"	305-00052-000-017
BSPT	RIDGID System	1"	305-00052-000-018
BSPT	RIDGID System	1-1/4"	305-00052-000-019
BSPT	RIDGID System	1-1/2"	305-00052-000-020
BSPT	RIDGID System	2"	305-00052-000-021
NPT	RIDGID System	1/2"	305-00052-000-022
NPT	RIDGID System	3/4"	305-00052-000-023
NPT	RIDGID System	1"	305-00052-000-024
NPT	RIDGID System	1-1/4"	305-00052-000-025
NPT	RIDGID System	1-1/2"	305-00052-000-026
NPT	RIDGID System	2"	305-00052-000-027







## HC127 HOLE CUTTING DRILL

A convenient tool for quickly drilling perfectly centered and perpendicular holes up to 127mm diameter in pipes from 1-1/4" to 8-1/4"



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



### STANDARD ACCESSORIES

- \* 16mm(5/8") Chuck & Chuck Key x1
- \* Crank Handle Set x1

### OPTIONAL ACCESSORIES

- \* Long Chain Set x1 (for pipes up to 600mm diameter)

## TCT HOLE CUTTERS (FOR MODEL HC127) 25MM DEPTH



Diameter (mm)	Part Number
60	305-03346-000-037
65	305-03346-000-038
70	305-03346-000-039
75	305-03346-000-040
80	305-03346-000-041
85	305-03346-000-042
90	305-03346-000-043
95	305-03346-000-044
100	305-03346-000-045
105	305-03346-000-046
110	305-03346-000-047
115	305-03346-000-048
120	305-03346-000-049
125	305-03346-000-050
127	305-03346-000-051

**\*Note:** Bi-metal hole saws or twist drills  
recommended for sizes below 60mm



## RS26 RECIPROCATING SAW FOR PIPES

A reciprocating saw purpose-built for making perfectly square cuts on pipes up to 8" diameter. Orbital reciprocating mechanism and variable constant speed allow the fastest possible results.

Durable High-Impact Reciprocating Mechanism with Aggressive Orbital Action

Ratchet Handle for quick, tool-free clamping

26mm (1") stroke

Quick-Release Chain Vise (Standard)

Speed Control Thumb Wheel. Electronic Constant Speed Circuitry maintains speed under load

Professional Grade Motor with Overload Protection and Soft-Start

Ergonomic Grip with Soft Boot, Aluminum Gear Box for superior durability

- **A world first : Optional 2-in-1 vise!** On one side there is a **chain clamp** for 1/2" up to 8" pipes. On the other side is a **Quick-Release** Vise. For pipe cutting, the vise gives 4 times the leverage and a perfect 90 degree cut.



Quick-Release Vise side of the optional 2-in-1 Vise for smaller diameters.



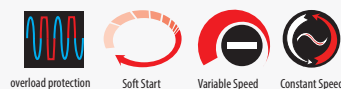
Chain Vise side of the optional 2-in-1 Vise for larger diameters.

### OPTIONAL ACCESSORIES:



Blade 290mm

305-00036-000-033



Model	RS26
Power Input	1500W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
* No Load min <sup>-1</sup>	1000 - 2100
Stroke	26mm (1")
Max. Capacity	203mm (8")
Speed Control	With
Soft Start & Overload Protection	With
Dimensions (LxWxH)	491mm x 94mm x 108mm
Net Weight	3.8kg (8.38 Lbs)

### STANDARD ACCESSORIES

- \* Hex. Wrench M4 x1
- \* Quick-Release Chain Vise x1

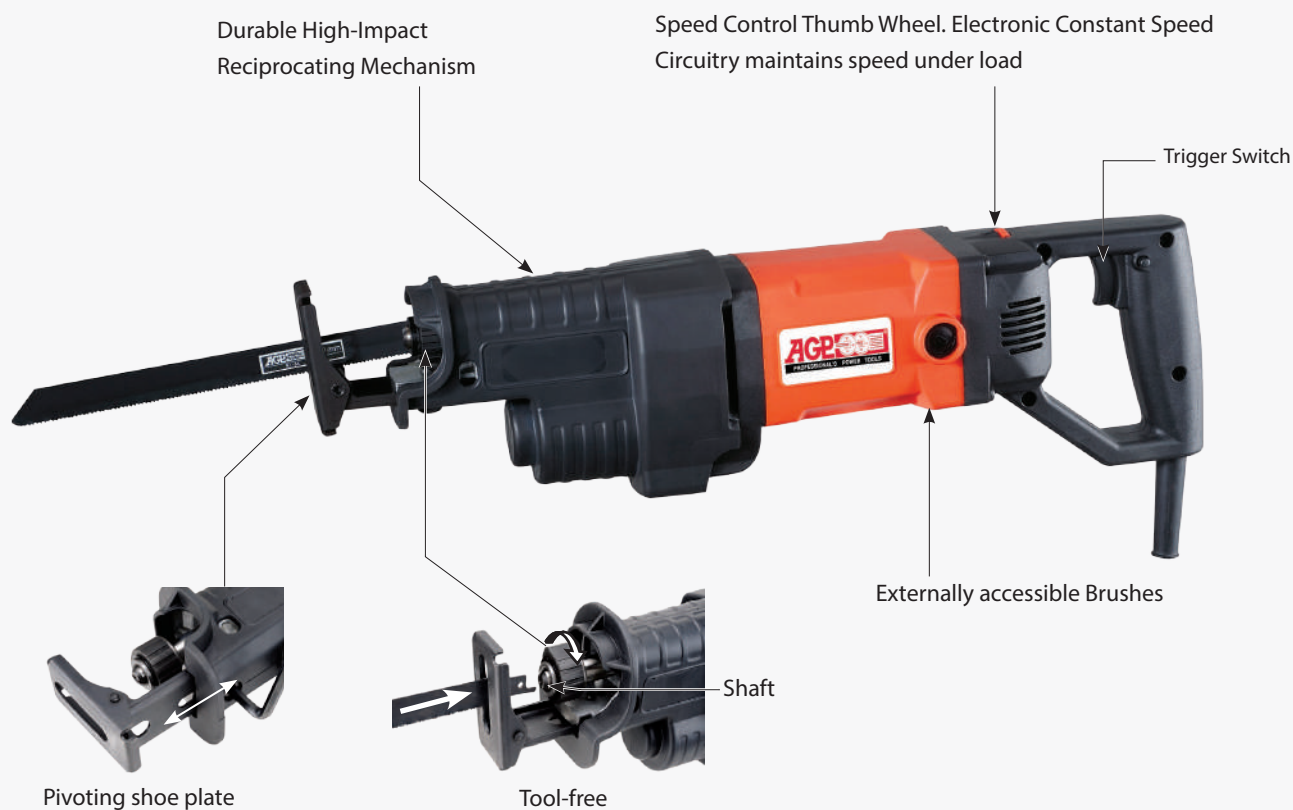
### OPTIONAL ACCESSORIES

- \* 2-in-1 Vise x1

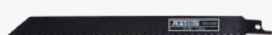
\* Due to the constant speed design, the no load and the rated load speeds are roughly the same.

## RS130B RECIPROCATING SAW

A general purpose reciprocating saw with variable constant speed motor

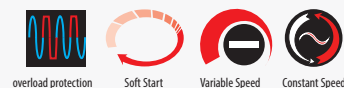


### OPTIONAL ACCESSORIES:



Blade 190mm

305-00036-000-024



Model	RS130B
Power Input	1600W (220V), 1300W (110V)
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
* No Load min <sup>-1</sup>	1000 - 2800
Stroke	26mm ( 1")
Max. Capacity	130mm
Speed Control	With
Quick Release Saw Blade Replacing System	With
Soft Start & Overload Protection	With
Dimensions (LxWxH)	470mm x 155mm x 97mm
Net Weight	3.70kg ( 8.16 Lbs)

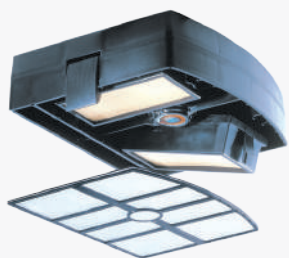
### STANDARD ACCESSORIES

\* Hex. Wrench M6 x1

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

## DE25 & DEP25 WET/DRY VACUUM DUST EXTRACTORS

Purpose-built, 25 liter vacuums to work in conjunction with our power tools. The DE25 has integrated electric switching with tools up to 2200W. The DEP25 has integrated pneumatic switching for air tools. Automatic electromagnetic filter shaker. High output 1200W motor with bypass cooling.



High efficiency, 2-stage filter system

Quick-release catches on dust compartment for convenient clearing of dust. Easy conversion between wet and dry modes

25 Liter Dust Compartment

Lockable rear wheels. Large diameter wheels easily roll across worksite debris and irregularities.

Compact design with optimized balance for ease of movement around the worksite or up and down stairs

Handy cable storage with strap



Blower Port

Large Front Caster Wheels

Front and rear hand-holds for convenient transporting.



Model	DE25	DEP25 (Pneumatic Switching Version)
Power Input	1200W	
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
Max. Airflow	4000 l/min (141.3 CFM)	
Max. Suction (lift)	25 kpa (250 mbar, 100.4 inches of water)	
Protection	IP 44	
Max. Dust Capacity	25 L (6.6 gallons)	
Max. Connected Power Tool	2200 W	
Soft Start	With	
Dimensions (LxWxH)	598mm x 408mm x 420mm	
Net Weight	12.9kg (28.44 Lbs)	13.8kg (30.42 Lbs)

### STANDARD ACCESSORIES

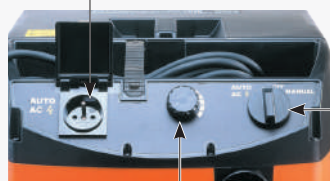
- \* Vacuum Hose ( 4M ) x1
- \* Pleated Main Filters (pair) x2 (L Class)
- \* Washable Diaphragm Filter x1
- \* Cloth Dust Bag with Hook & Loop Closure x1

### OPTIONAL ACCESSORIES

- \* Pleated Main Filters (pair) x2 (M Class)



Integrated Switching: Just pull the trigger of your power tool to automatically switch the vacuum on or off. When shutting off, suction continues for a few seconds to clear the hose of dust



Multi-mode switch for standard switch or power tool integrated switching

Variable Motor Speed Control. To tailor the suction to various applications and tools



## ■ Pneumatic Switching Model DEP25

Multi-mode switch for standard switch, power tool integrated switching, or air tool integrated switching.

For integrated switching triggered by your air sander  
**Remark:** Min. Pressure : 3 bar



Liquid overflow switch shuts off machine when liquid level gets too high



Convenient quick-release strap for stowing the hose

## OPTIONAL ACCESSORIES:



Wet Filters x1 ( Each machine requires 2 pcs )

305-00085-000-001



Pleated Main Filters x1 ( Each machine requires 2 pcs )

L Class

305-00079-000-001



M Class

305-00079-000-002

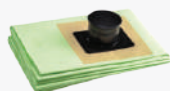


Washable Diaphragm Filter x1

0299-0029-00000-001

Pull Strap x1

303-02029-004-001



Paper Dust Bag x1

0299-0025-00000-001



Cloth Dust Bag with Hook & Loop Closure x1

299-0026-00000-003



Vacuum Hose ( 4M ) x1

0203-0007-00004-004



Vacuum Hose End Adaptor x1

303-02026-004-001



1. Handle (32mm) x1

305-00307-000-001

2. Crevice Nozzle (32mm) x1

305-00307-000-003

3. Floor Nozzle ( 32mm, Horse Hair ) x1

305-00307-000-004

4. Round Brush ( PP Hair, 32mm ) x1

305-00307-000-002

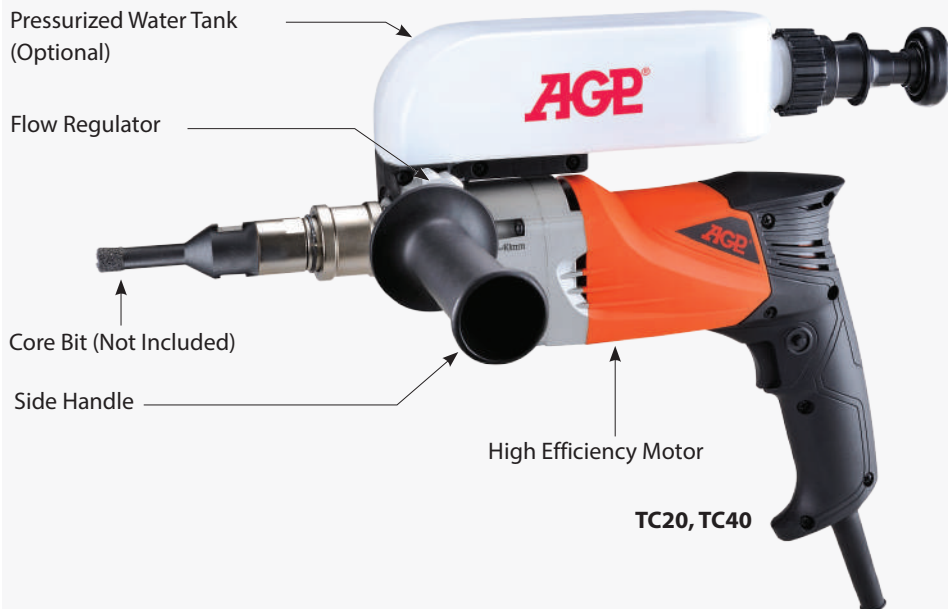
5. Chrome Telescopic Tube

(32mm, 48/78cm) x1

305-00307-000-005

## TC20 - High Speed TC40 - Low Speed TC402 - 2 Speed TILE CORE DRILLS

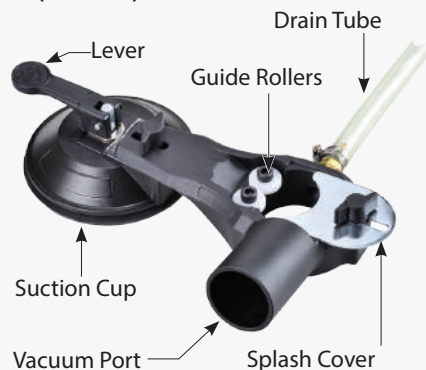
Wet or dry tile core drills specially designed for core drilling either blind or through holes in tiles, ceramics, porcelain, stone, concrete, masonry, glass and similar materials. The suction centering guide doubles as a slurry collector and allows precise control while minimizing mess



### ■ Water Supply Kit (Optional)



### ■ Suction Centering Guide (Standard)



**S2** TC402 only  
Two Speed



Model	TC20	TC40	TC402
Power Input	650W		
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz		
No Load / Rated Load min <sup>-1</sup>	Speed 1	7500 / 4500	4500 / 2700
	Speed 2	N/A	7500 / 4500
Capacity	20 mm (13/16")	40mm (1-9/16")	40mm (1-9/16")
Adapter Thread	G 1/2" (BSPP), M14-2.0		
Protection Class	Class II with PRCD / GFCI		
Neck Diameter	43mm		
Dimensions (LxWxH)	317mm x 100mm x 300mm		348mm x 100mm x 300mm
Net Weight	2.3kg (5.07 Lbs.)		2.5kg (5.51 Lbs)

#### STANDARD ACCESSORIES

- \*PRCD / GFCI Interrupter x1
- \*Suction Centering Guide
- \*Quick-Release Bit Adapter (1/2" BSP) x1
- \*Quick-Release Bit Adapter (M14) x1
- \*M22 Wrench x1
- \*M27 Wrench x1
- \*Side handle x1
- \*Collar x1

#### OPTIONAL ACCESSORIES

- \*Pressurized Water Tank Kit( 0.85 Liter) x1
- \*Water Supply Kit x1

## DM160 WET / DRY DIAMOND CORE DRILL MOTOR

A 2000W, 3-speed drilling motor with variable speed for up to 160mm wet drilling and dry drilling up to 182mm



### Quick Change Conversion to Wet or Dry

#### ■ Dry Core Drill Mode



#### ■ Wet Core Drill Mode



Mounted To The Optional Rig (See p.69)



Water Collector for DM160 (Optional)  
0299-0037-00000-002



### STANDARD ACCESSORIES

- \* Water Supply Kit x1
- \* Side Handle x1
- \* M 32 Combination Wrench x1
- \* PRCD / GFCI Interrupter x1

### OPTIONAL ACCESSORIES

- \* Dry Arbor Adaptor x1
- \* Soft-Grip Side Handle x1
- \* SDS Pilot Drill Socket x1
- \* Centering Pilot for L 300mm Bits

Model	DM160		
Power Input	2000W (220V), 1700W (110V)		
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz		
	Speed 1	Speed 2	Speed3
No load min <sup>-1</sup>	400-850	750-1640	1550-3450
Rated Load min <sup>-1</sup>	240-510	750-1640	930-2070
Capacity-Wet	Hand-Held	82mm(3")	
	Rig-Mounted	160mm (6-1/4")	
Capacity-Dry	182mm (7-1/4")		
Spindle Thread	1-1/4" UNC male & 1/2" BSP female		
Neck Diameter	60mm		
Soft Start & Overload Protection	With		
Protection Class	Class I with PRCD / GFCI		
Dimensions (LxWxH)	552mm x 110mm x 150mm		
Net Weight	6.0 kg ( 13.2 Lbs )		



## DM2 WET DIAMOND CORE DRILL MOTOR

A light, compact, high speed 1800W coring motor, specially designed for fast wet drilling of small diameter holes up to 50mm. Ideal for chemical anchors and similar applications.



Model	DM2
Power Input	1800 W
Voltage, Frequency	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
No Load/ Rated Load Speed, min-1	6500 / 4225
Capacity-Wet	50 mm (2")
Spindle Thread	1/2" BSP Female
Soft Start & Overload Protection	With
Mechanical Safety Clutch	With
Protection Class	Class I with PRCD / GFCI
Dimensions (LxWxH)	360 mm x 90 mm x 280 mm
Neck Diameter	60 mm
Net Weight	4.5 kg (9.9 Lbs)

### STANDARD ACCESSORIES

- \* Side Handle
- \* Water Supply Kit
- \* PRCD / GFCI Interrupter

### OPTIONAL ACCESSORIES

- \* Soft Grip Side Handle

## DM51D & DM51P DRY DIAMOND CORE DRILL MOTORS

A light, compact, high efficiency 1800W coring motor  
for dry drilling up to 102mm

### ■ Pistol-Handle Model (DM51P)



### ■ D-Handle Model (DM51D)



Model	DM51P	DM51D
Power Input	1800 W	
Voltage	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz	
No Load /Rated Load min <sup>-1</sup>	3600 / 2160	
Percussion Frequency (optional)	56,000 bpm	
Spindle Thread	1/2" BSP female or M18-2.5 male ( Specify when ordering)	
Capacity-Dry	102mm (4")	
Soft Start & Overload Protection	With	
Mechanical Safety Clutch	With	
Protection Class	Class II	
Dimensions (LxWxH)	390 mm x 90 mm x 280 mm	450 mm x 90 mm x 210 mm
Neck Diameter	60 mm	60 mm
Net Weight	4.5 kg (9.92 Lbs)	4.7 kg (10.36 Lbs)

#### STANDARD ACCESSORIES

- \* Side Handle x1
- \* Percussion Selector x1

#### OPTIONAL ACCESSORIES

- \* Soft-Grip Side Handle x1
- \* SDS Pilot Drill Socket x1

## DME51D DRY DIAMOND CORE DRILL MOTOR

A light, compact, high efficiency 1800W coring motor for dry drilling up to 102mm. Optimized for drilling of highly abrasive materials.



### ■ Vacuum Collector Pad (Optional)

This device adheres to the wall by vacuum cleaner suction and very effectively collects the dust right at the source. Various rings are available for different core sizes.



Vacuum Collector Pad (small)

Vacuum Collector Pad Set (small)  
(Set includes pad + 4 rings)  
0299-0113-00000-002

Vacuum Collector Pad (small) x1  
0299-0113-00000-004



Ring Set

Ring (D45) x1  
303-02034-004-003

Ring (D55) x1  
303-02034-004-004

Ring (D65) x1  
303-02034-004-005

Ring (D75) x1  
303-02034-004-006



Vacuum Collector Pad (large)

Collector Pad Set (large)  
(Set includes pad + 2 rings)  
0299-0113-00000-001

Vacuum Collector Pad (large) x1  
0299-0113-00000-003



Ring Set

Ring (D110) x1  
303-02034-004-001

Ring (D130) x1  
303-02034-004-002



#### STANDARD ACCESSORIES

\* Side Handle

#### OPTIONAL ACCESSORIES

- \* External Dust Extractor Head
- \* Vacuum Collector Pad
- \* Centering Pilots
- \* M18 to M16 Spindle Adaptor

Model	DME51D
Power Input	1800 W
Voltage	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
No Load /Rated Load min <sup>-1</sup>	3600 / 2160
Percussion Frequency	56,000 bpm
Spindle Thread	M18-2.5 male
Capacity-Dry	102 mm (4")
Soft Start & Overload Protection	With
Mechanical Safety Clutch	With
Protection Class	Class II
Dimensions (LxWxH)	450 mm x 90 mm x 210 mm
Neck Diameter	60 mm
Net Weight	4.7 kg (10.36 Lbs)

## DM5P & DM5D DIAMOND CORE DRILL MOTORS

A light, compact, high efficiency 1800W coring motor for convenient wet drilling up to 132mm

### ■ Pistol-Handle Model (DM5P )



### ■ D-Handle Model (DM5D )



Model	DM5P	DM5D
Power Input	1800W	
Voltage, Frequency	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
No Load / Rated Load min <sup>-1</sup>	Speed 1: 1500 / 780	
	Speed 2: 2500 / 1400	
Capacity-Wet	132mm (5-1/4")	
Spindle Thread	1-1/4" UNC male & 1/2" BSP female	
Neck Diameter	60mm	
Protection Class	Class I with PRCD / GFCI	
Dimensions (LxWxH)	450mm x 105mm x 280mm	505mm x 105mm x 210mm
Net Weight	5.35kg (11.8 Lbs)	5.46kg ( 12.0 Lbs)

#### STANDARD ACCESSORIES

- \* Blow Molded Case
- \* Side Handle
- \* Water Supply Kit
- \* PRCD / GFCI Interrupter

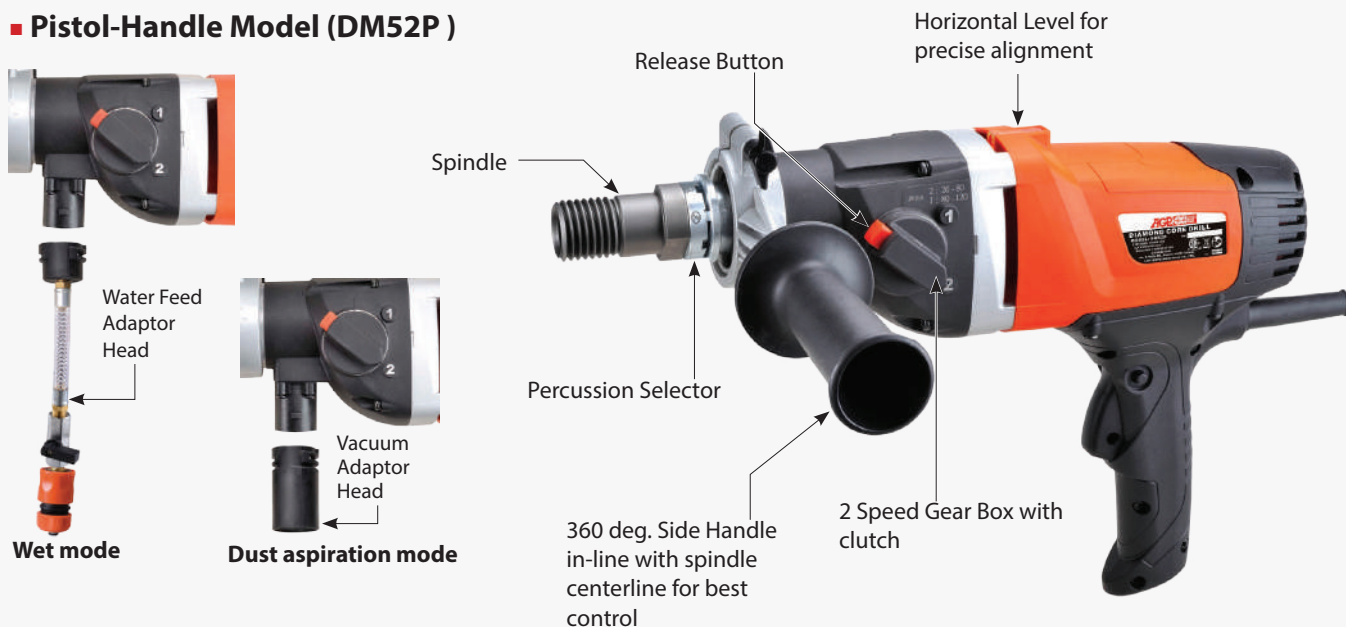
#### OPTIONAL ACCESSORIES



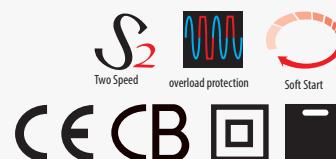
## DM52P & DM52D DRY / WET DIAMOND CORE DRILL MOTOR

light, high efficiency 1800W, 2 speed motors for dry drilling up to 182mm and occasional wet drilling up to 80mm.

### ■ Pistol-Handle Model (DM52P )



### ■ D-Handle Model (DM52D )



Model	DM52P	DM52D
Power Input	1800W	
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
No Load /Full Load min <sup>-1</sup>	Speed 1	1800 / 1080
	Speed 2	3600 / 2160
Percussion Frequency (optional)	Speed 1	29,000 bpm
	Speed 2	56,000 bpm
Spindle Thread	1-1/4" UNC male & 1/2" BSP female or 1/2" BSP female (w/water feed) or M18-2.5 male (dry) ( Specify when ordering)	
Capacity-Dry	182mm (7-1/4")	
Capacity-Wet	82mm (3-1/4")	
Soft Start & Overload Protection	With	
Mechanical Safety Clutch	With	
Protection Class	Class II with PRCD / GFCI	
Dimensions (LxWxH)	450mm x 105mm x 280mm	505mm x 105mm x 210mm
Neck Diameter	60mm	60mm
Net Weight	4.9kg (10.8 Lbs)	5.0kg (11.0 Lbs)

#### STANDARD ACCESSORIES

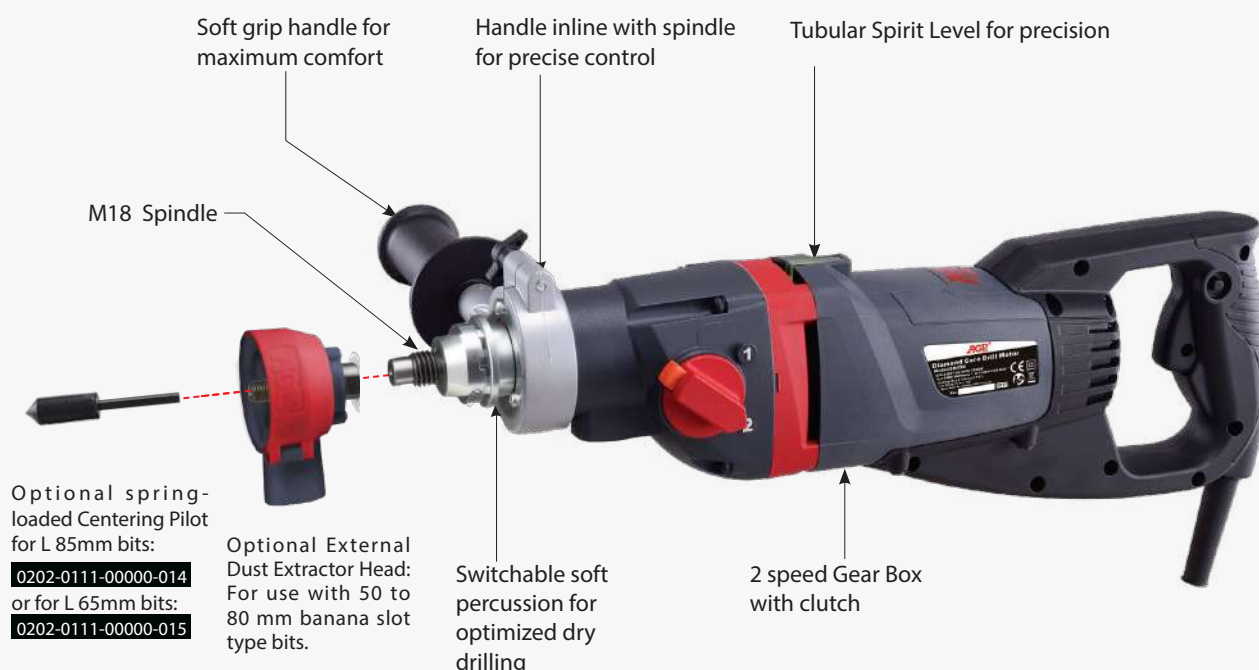
- \* Side Handle x1
- \* Water Feed Adaptor Head x1
- \* Vacuum Adaptor Head x1
- \* Percussion Selector (Only for Dry Drilling Mode) x1
- \* PRCD / GFCI Interrupter x1

#### OPTIONAL ACCESSORIES

- \* Soft-Grip Side Handle x1
- \* SDS Pilot Drill Socket x1
- \* Centering Pilot for L 300mm Bits

## DME52D DRY DIAMOND CORE DRILL MOTOR

A light, high efficiency 1800W, 2 speed motor for dry drilling up to 182mm. Optimized for drilling of highly abrasive materials.



### ■ Vacuum Collector Pad (Optional)

This device adheres to the wall by vacuum cleaner suction and very effectively collects the dust right at the source. Various rings are available for different core sizes.



Vacuum Collector Pad (small)

Vacuum Collector Pad Set (small)  
(Set includes pad + 4 rings)  
0299-0113-00000-002

Vacuum Collector Pad (small) x1  
0299-0113-00000-004



Ring Set

Ring (D45) x1  
303-02034-004-003

Ring (D55) x1  
303-02034-004-004

Ring (D75) x1  
303-02034-004-006



Vacuum Collector Pad (large)

Collector Pad Set (large)  
(Set includes pad + 2 rings)  
0299-0113-00000-001

Vacuum Collector Pad (large) x1  
0299-0113-00000-003



Ring Set

Ring (D110) x1  
303-02034-004-001

Ring (D130) x1  
303-02034-004-002



#### STANDARD ACCESSORIES

\* Side Handle

#### OPTIONAL ACCESSORIES

- \* External Dust Extractor Head
- \* Vacuum Collector Pad
- \* Centering Pilots
- \* M18 to M16 Spindle Adaptor

Model	DME52D
Power Input	1800 W (220 V), 1800 W (110 V)
Voltage, Frequency	220-240 V~ 50-60 Hz, 110-120 V~ 50-60 Hz
Rated Load Speeds min <sup>-1</sup>	Speed 1: 1080 Speed 2: 2160
Percussion Frequency	Speed 1: 29 000 bpm Speed 2: 56 000 bpm
Capacity-Dry	182 mm (7 1/4")
Spindle Thread	M18-2.5 male
Protection Class	Class II
Dimensions	505 mm x 105 mm x 210 mm
Net Weight	5,0 kg (11,0 Lbs)
Cable length	3 m

## DM6P & DM6D WET DIAMOND CORE DRILL MOTORS

Heavy duty 3 speed 2000W drilling machines with magnesium construction for drilling up to 162mm.

### ■ Pistol-Handle Model (DM6P)

Magnesium Alloy construction for optimized cooling, durability and light weight

Side Handle Lock Screw

Spindle 1-1/4" UNC  
& 1/2" BSP

Anti-seize ring

Adjustable Side Handle  
in-line with spindle  
centerline for best  
control

Water Supply Kit with Quick-Release  
Water Hose Coupling

Horizontal Level

Super-performance motor

Vertical Level



LED Indicator  
Indicates load  
conditions

Three speed oil bath  
Gear Box with clutch

### ■ D-Handle Model (DM6D)

Magnesium Alloy construction for  
optimized cooling, durability and light  
weight

Anti-seize ring

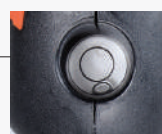
Spindle 1-1/4" UNC  
& 1/2" BSP

Adjustable Side Handle  
in-line with spindle  
centerline for best  
control

Horizontal Level

Smart Electronic Control with  
soft-start, thermal protection,  
overload and LED Indicator

Three speed oil bath  
Gear Box with clutch



Vertical Level



overload protection/soft start



Model	DM6P	DM6D
Power Input	2000W (220V), 1700W (110V)	
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
No Load min <sup>-1</sup>	930 / 1520 / 4270	
Rated Load Speeds min <sup>-1</sup>	560 / 910 / 2560	
Capacity-Wet	Hand-Held: 82mm (3-1/4") Rig-Mounted: 162mm (6-1/4")	
Spindle Thread External / Internal	1-1/4" UNC male & 1/2" BSP female	
Neck Diameter	60mm	
Soft Start & Overload Protection	With	
Mechanical Safety Clutch	With	
Protection Class	Class I with PRCD / GFCI	
Dimensions (LxWxH)	437mm x 115mm x 289mm	528mm x 106mm x 145mm
Net Weight	6.3kg (13.89 Lbs)	

#### STANDARD ACCESSORIES

- \* Side Handle x1
- \* Water Supply Kit x1
- \* M32 Combination Wrench x2
- \* PRCD / GFCI Interrupter x1

#### OPTIONAL ACCESSORIES

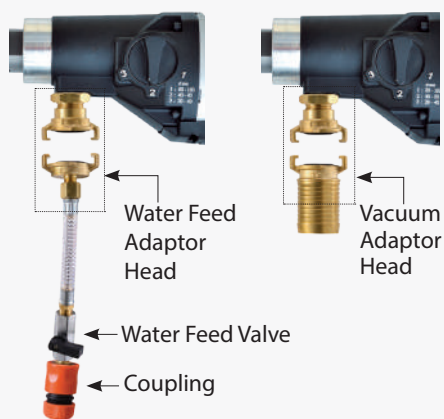
- \* Soft-Grip Side Handle x1
- \* SDS Pilot Drill Socket x1



## DMC6P & DMC6D WET/DRY DIAMOND CORE DRILL MOTORS

Heavy duty 3 speed 2000W drilling machines with magnesium construction for wet drilling up to 162mm and occasional dry drilling up to 182mm.

### Optional: Brass Geka-Type Couplings



\* Water Feed Adaptor Head and Vacuum Adaptor Head with Brass Geka-Type Couplings (Must specify when ordering-different gearcase machining required)

### ■ Pistol-Handle Model (DMC6P)



### ■ D-Handle Model (DMC6D)



Model	DMC6P	DMC6D
Power Input	2000W (220V), 1700W (110V)	
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
No Load min <sup>-1</sup>	930 / 1520 / 4270	
Rated Load Speeds min <sup>-1</sup>	560 / 910 / 2560	
Capacity-Wet	Hand-Held: 82mm (3-1/4")	
	Rig-Mounted: 162mm (6-1/4")	
Capacity-Dry	182mm ( 7-1/4")	
Spindle Thread External / Internal	1-1/4" UNC male & 1/2" BSP female	
Neck Diameter	60mm	
Soft Start & Overload Protection	With	
Mechanical Safety Clutch	With	
Protection Class	Class I with PRCD / GFCI	
Dimensions (LxWxH)	437mm x 115mm x 289mm	528mm x 106mm x 145mm
Net Weight	6.4kg (14.08 Lbs)	

#### STANDARD ACCESSORIES

- \* Side Handle x1
- \* Water Supply Kit x1
- \* M32 Wrench x1
- \* Brass Geka-Type Couplings
- \* PRCD / GFCI Interrupter x1

#### OPTIONAL ACCESSORIES

- \* Soft-Grip Side Handle x1
- \* SDS Pilot Drill Socket x1
- \* Centering Pilot for L 300mm Bits

## DM62 & DD62 DRY DIAMOND CORE DRILL MOTORS

Specially designed heavy-duty 2 speed 2000W motors for dry drilling of reinforced concrete up to 162mm, and standard dry drilling up to 262mm.

### ■ Pistol-Handle Model (DM62)



### ■ D-Handle Model (DD62)



Model	DM62	DD62
Power Input	2000W (220V), 1700W (110V)	
Voltage, Frequency	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
No Load / Rated Load min <sup>-1</sup>	Speed 1: 1250 / 750 Speed 2: 1900 / 1140	
Percussion Frequency (No Load / Rated Load)	Speed 1: 25,000bpm / 15,000 bpm Speed 2: 38,000bpm / 22,800 bpm	
Capacity-Dry (Reinforced Concrete)	162mm (6-1/4")	
Capacity-Dry (Brick)	262mm (10-5/16")	
Spindle Thread	1-1/4" UNC male & 1/2" BSP female	
Protection Class	Class II	
Dimensions (LxWxH)	430mm x 122mm x 290mm	530mm x 130mm x 215mm
Net Weight	6.2kg (13.64 Lbs)	6.5kg (14.3 Lbs)

#### STANDARD ACCESSORIES

- \* Blow Molded Case
- \* Side Handle
- \* M32 Wrench

#### OPTIONAL ACCESSORIES

- \* Centering Pilot for L 300mm Bits

## DM8P WET DIAMOND CORE DRILL MOTOR

Heavy duty 3 speed 2500W drilling machine with constant speed electronics for drilling up to 202mm.



Three Speed



overload protection



Soft Start



Constant Speed



Model	DM8P
Power Input	2500W (220V), 2200W (110V)
Voltage, Frequency	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
* Rated Load Speeds min <sup>-1</sup>	456 / 1000 / 2090
Capacity -Wet	Hand-Held: 82mm (3-1/4") Rig-Mounted: 202mm (8")
Spindle Thread	1-1/4" UNC male & 1/2" BSP female
Neck Diameter	60mm
Protection Class	Class I with PRCD / GFCI
Dimensions (LxWxH)	463mm x 127mm x 310mm
Net Weight	7.3kg (16 Lbs)

### SUPPLIED

- \* Blow Molded Case
- \* Side Handle
- \* Water Supply Kit
- \* M32 Wrench
- \* PRCD / GFCI Interrupter

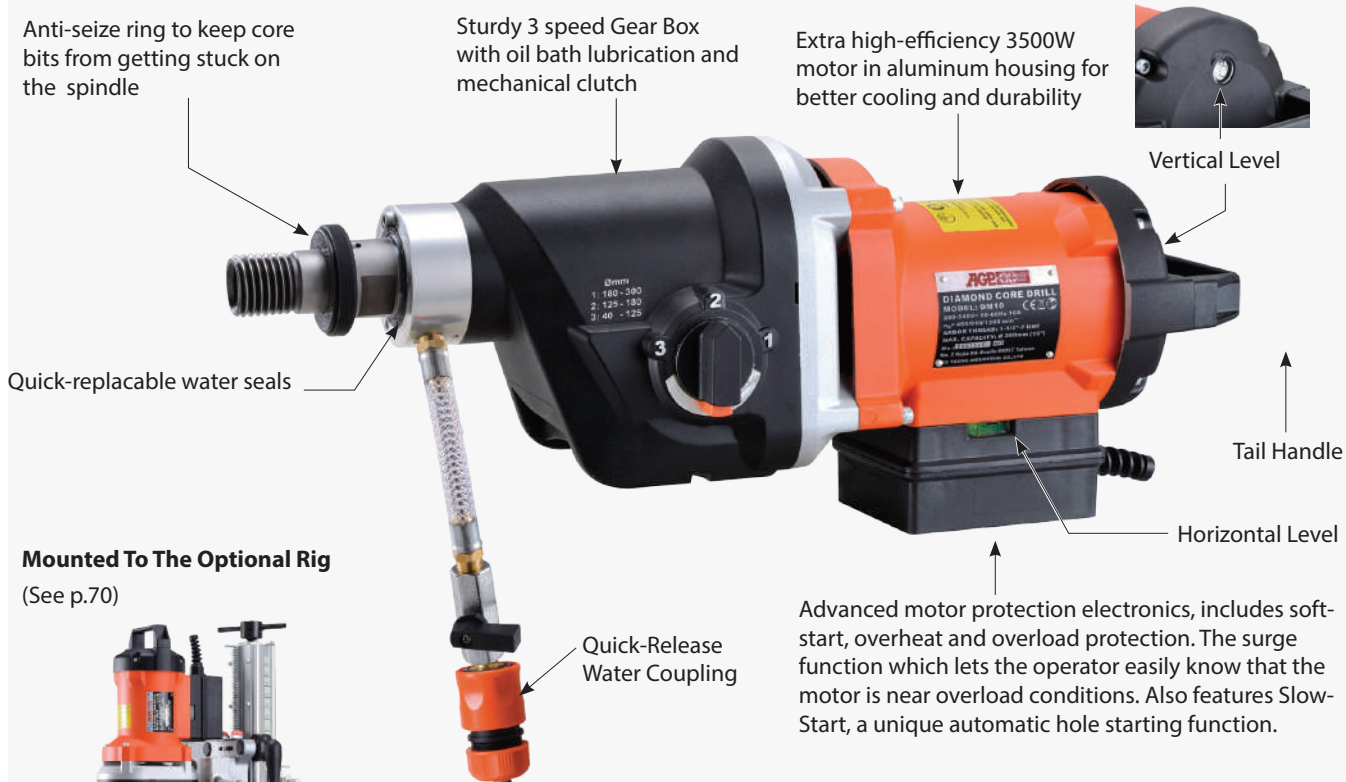
### OPTIONAL ACCESSORIES

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



## DM9, DM10, DM12 DIAMOND CORE DRILL MOTORS

High efficiency 3500W motors with Aluminum body for maximum performance. Three models available with a range of gears for different needs.

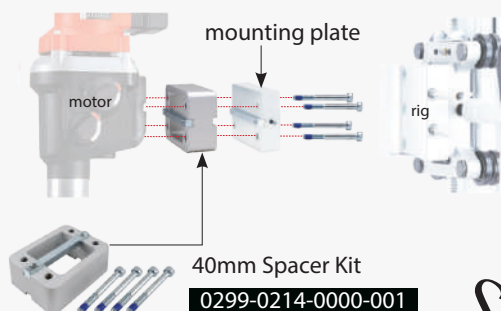


**Mounted To The Optional Rig**  
(See p.70)



### OPTIONAL ACCESSORIES:

To provide clearance for the switch box when mounting the motor to some models of other manufacturers' rigs. (The spacer also adds an extra 80mm to the maximum core bit diameter with a given stand.)



Model	DM9	DM10	DM12
Power Input	3500W /16A (220V), 2800W / 25A (110V)		
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz		
No Load Speeds min <sup>-1</sup>	550 / 1000 / 1600	450 / 810 / 1300	350 / 600 / 1000
Rated Load Speeds min <sup>-1</sup>	345 / 630 / 1000	270 / 480 / 780	220 / 370 / 620
Drilling Capacity	Ø250mm (10")	Ø300mm (12")	Ø350mm (14")
Gear Oil Type	90W		
Gear Oil Capacity	625ml		
Spindle Thread	1-1/4" UNC male & 1/2" BSP female		
Protection Class	Class I With PRCD / GFCI		
Soft Start & Overload Protection	With		
Dimensions (LxWxH)	550mm x 155mm x 210mm		
Weight	12.9kg (28.4 Lbs)		

### STANDARD ACCESSORIES

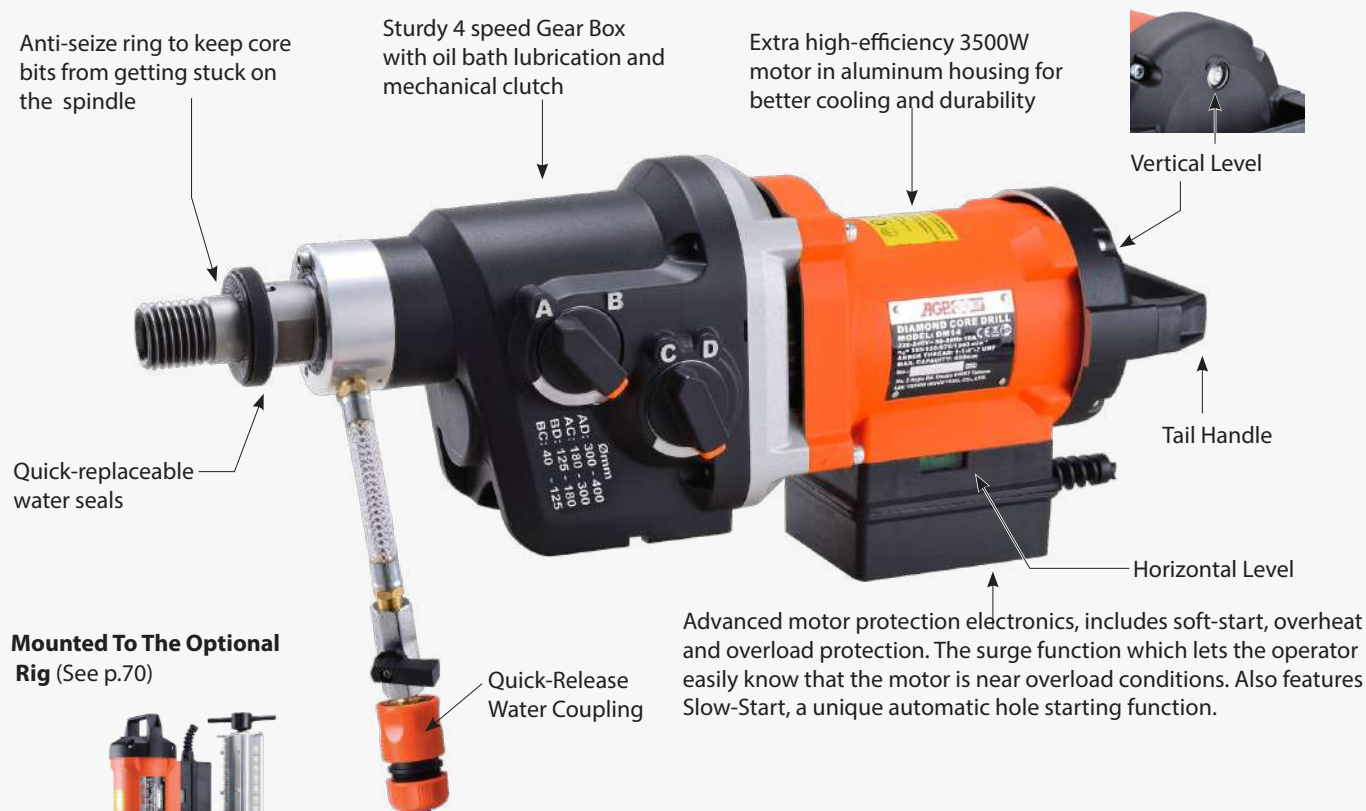
- \* Water Supply Kit x1
  - \* PRCD / GFCI Interrupter x1
- REMARK:  
110-120V W/O PRCD / GFCI

### OPTIONAL ACCESSORIES

- \* 40mm Spacer Kit x1

## DM14 RIG-MOUNTED DIAMOND CORE DRILL MOTOR

A high efficiency 4 speed, 3500W motor with Aluminum body, optimized for a wider range of drill sizes in one tool.

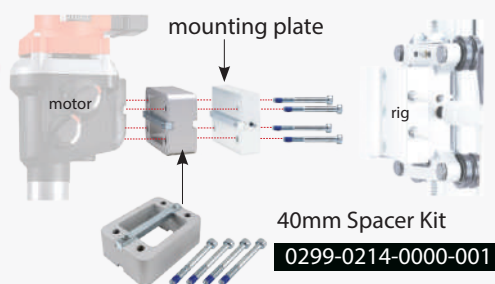


### Mounted To The Optional Rig (See p.70)



### OPTIONAL ACCESSORIES:

To provide clearance for the switch box when mounting the motor to some models of other manufacturers' rigs. (The spacer also adds an extra 80mm to the maximum core bit diameter with a given stand).



Model	DM14
Power Input	3500W /16A (220V), 2800W / 25A (110V)
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
No Load Speeds min <sup>-1</sup>	385 / 530 / 975 / 1340
Rated Load Speeds min <sup>-1</sup>	225 / 300 / 565 / 780
Drilling Capacity	Ø400mm (16")
Gear Oil Type	90W
Gear Oil Capacity	625ml
Spindle Thread	1-1/4" UNC male & 1/2" BSP female
Protection Class	Class I With PRCD / GFCI (110-120V W/O PRCD / GFCI)
Soft Start & Overload Protection	With
Dimensions (LxWxH)	550mm x 155mm x 210mm
Weight	13.5kg (29.7 Lbs)

### STANDARD ACCESSORIES

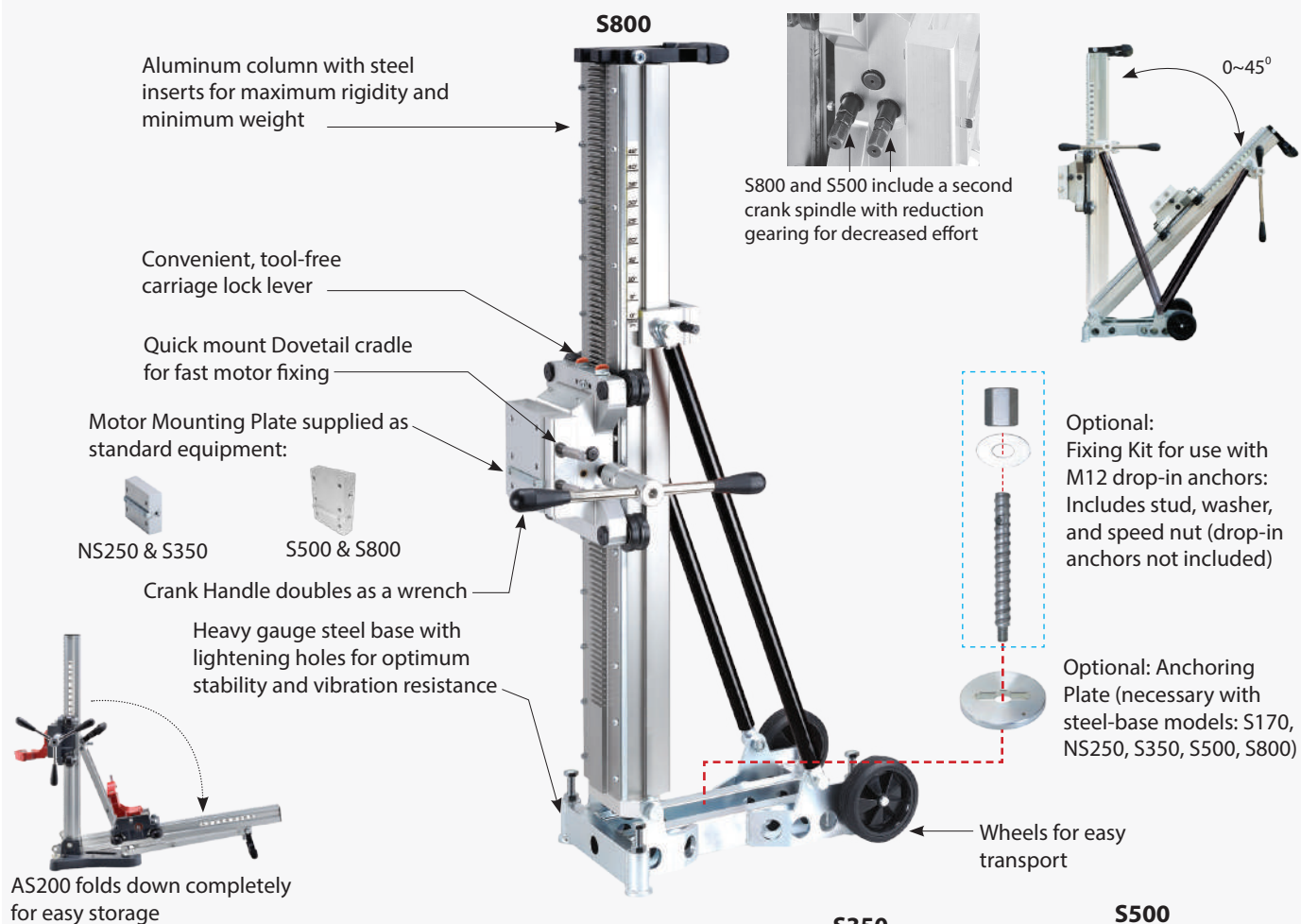
- \* Water Supply Kit x1
- \* PRCD / GFCI Interrupter x1

REMARK:  
110-120V W/O PRCD / GFCI

### OPTIONAL ACCESSORIES

- \* 40mm Spacer Kit x1

## DIAMOND CORE DRILL STANDS



S500 standard with 900mm column. Also available with 1.6m column (1390mm stroke)

Model	S170	AS200	NS250	S350
Capacity w/o extension spacers (mm)	Ø170	Ø202	Ø250	Ø352
Max. Capacity with extension spacers (mm)	N/A	N/A	N/A	N/A
Effective Stroke (mm)	540	500	660	660
Dimensions (LxWxH) (mm)	460 x 215 x 815	361 x 250 x 890	400 x 245 x 984	435 x 245 x 984
Net Weight (Not Including crank handle)	10.1kg (22.27 Lbs)	10.5kg (23.1 Lbs)	14.9kg (31.68 Lbs)	16.6kg (36.52 Lbs)

## ■ Optional Rigs for DM160



44mm Clamp Bracket



60mm Clamp Bracket



Locking Screw



### Dimensions

36 x 24 x 96cm

### Application

All hand-held models

### Neck Diameter

60mm  
44mm

Choose either 44mm or 60mm Clamp Bracket when ordering

### STANDARD ACCESSORIES

- \* Crank Handle
- \* M19 Combination Wrench
- \* Mounting Plate (except S170 & AS200)
- \* Clamp Bracket (S170 & AS200 only)
- \* OS250 only: 44mm or 60mm Clamp Bracket (Specify when ordering)

### OPTIONAL ACCESSORIES

- \* Jack Screw (except S170)
- \* 60mm Clamp Bracket (except S170 & AS200)
- \* Wheels (OS250 only)



60mm clamp bracket for mounting hand-held drilling motors. Bolts directly to the standard mounting spacer (Fits all stand models (except S170 & AS200))

**0299-0159-00000-005**

### OPTIONAL ACCESSORIES:

#### Extension Spacers



200mm



150mm



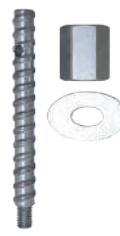
100mm



45mm



Anchoring Plate



Fixing Kit

200mm  
150mm  
100mm  
45mm  
Anchoring Plate  
Fixing Kit

**0299-0159-00000-004**

**0299-0159-00000-003**

**0299-0159-00000-002**

**0299-0159-00000-001**

**302-04464-903-001**

**0299-0252-0000-001**

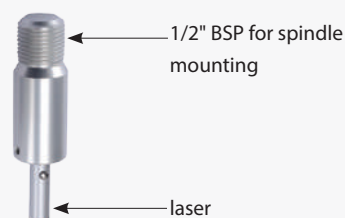
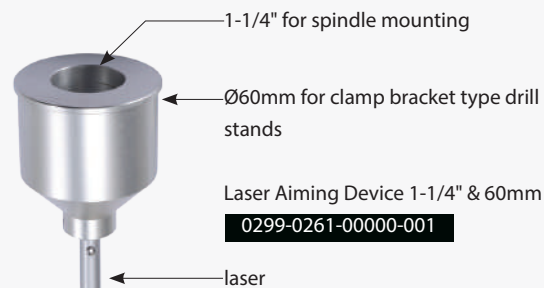
Model	S500	S800	OS250
Capacity w/o extension spacers (mm)	Ø350	Ø350	Ø250
Max. Capacity with extension spacers (mm)	Ø500	Ø800	N/A
Effective Stroke (mm)	690	760	615
Dimensions (LxWxH) (mm)	480 x 240 x 1025	555 x 275 x 1035	360 x 240 x 960
Net Weight (Not Including crank handle)	19.08kg (41.97 Lbs)	26.5kg (58.42 Lbs)	13.5kg (29.76 Lbs)

**PS:** S800 available with 2m column (1790mm stroke) or 2.5m column (2290mm stroke)



### ■ Laser Aiming Devices

for precise drill stand positioning:



AS200 Water Collector Set  
(includes 3 membranes)  
Size Range: 20 - 162mm

0299-0249-0004-001

Replacement membranes  
(5 pack)

0299-0250-0004-001



Related Product:  
Vacuum Cleaner DE25



VB400  
Vacuum plate:  
Fits S170, AS200, NS250,  
S350 & S500

0299-0143-00000-007



Vacuum hose



Vacuum pump VP140



VP140-Vacuum Tank

## DIAMOND CORE BITS & OPTIONAL ACCESSORY SPECIFICATIONS



SDS Pilot  
Drill Socket

**SDS Pilot Drill Socket (for models with female 1/2" BSP spindles)**  
302-04387-907-001

**Jack Screw for S250, OS250, S500**  
302-04178-907-001

**Jack Screw for S800**  
302-04178-907-003



Jack Screw



PRCD / GFCI  
Interrupter protection



Dry Arbor  
Adaptor



Wet-Type  
Thread Adaptor



Front Handle Set

**Wet-Type Thread Adaptor (For models with 1-1/4"-7 UNC spindles)**  
1-1/4"-7 UNC to 1-1/4"-3 Acme  
302-04311-901-002

**Dry Arbor Adaptor for models with 1-1/4"-7 UNC spindles**  
(1-1/4"-7 UNC to M16-2.0 with MT1 Taper for Pilot Drill. Drift included).  
302-04311-000-002

**Front Handle Set for S500**  
0299-0211-0000-001

### ■ Vacuum Collector Pad

This device adheres to the wall by vacuum cleaner suction and very effectively collects the dust or water right at the source. Various rings are available for different core sizes. Note: Not for overhead drilling.



Vacuum Collector Pad (small )

**Vacuum Collector Pad Set (small)**  
(Set includes pad + 4 rings)  
0299-0113-00000-002

**Vacuum Collector Pad (small) x1**  
0299-0113-00000-004



Ring Set

Ring (D45) x1  
303-02034-004-003  
Ring (D55) x1  
303-02034-004-004  
Ring (D65) x1  
303-02034-004-005  
Ring (D75) x1  
303-02034-004-006



Vacuum Collector Pad (large)

**Collector Pad Set (large)**  
(Set includes pad + 2 rings)  
0299-0113-00000-001

**Vacuum Collector Pad (large) x1**  
0299-0113-00000-003



Ring Set

Ring (D110) x1  
303-02034-004-001  
Ring (D130) x1  
303-02034-004-002

### ■ Torque Wrench Adapter Socket x1



Grips the clutch gear to test the actual slippage torque of the assembled clutch with a dial indicator torque gauge. (1/4" square drive connection)

DM2: 0202-0117-00000-014  
DM5 & DM51 & DM52: 0202-0117-00000-011  
DM6 & DM62: 0202-0117-00000-010  
DM160: 0202-0117-00000-012  
DM8P: 0202-0117-00000-015  
DM9-10-12-14: 0202-0117-00000-013

### ■ Centering Pilots

For precise hand-held hole starting. For use with 1-1/4" coupling bits



For L 300mm bits:  
0202-0111-00000-011

### ■ Holding Fixture for adjusting clutches x1



When mounted in a bench vise, holds the clutch gear without damaging the gear teeth while tightening the clutch nut and testing torque.

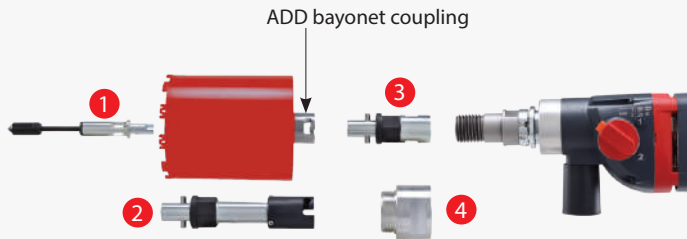
DM2: 0202-0117-00000-006  
DM5: 0202-0117-00000-007  
DM51 & DM52: 0202-0117-00000-001  
DM6: 0202-0117-00000-002  
DM62: 0202-0117-00000-008  
DM8P: 0202-0117-00000-009  
DM160: 0202-0117-00000-005  
DM9-10-12: 0202-0117-00000-003  
DM14: 0202-0117-00000-004

### ■ Soft-Grip Side Handle

fits all hand-held diamond core drilling motors



Soft-Grip Side Handle  
203-0115-00004-002

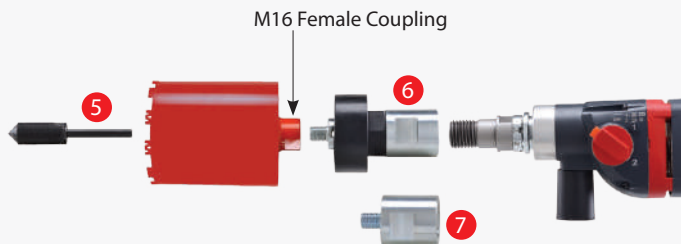


## ADD quick release dry drilling equipment

- |  |   |
|--|---|
| 1. Centering pilot, ADD<br>0202-0111-00000-009 | 3. ADD quick release<br>0299-0114-00000-004       |
| 2. Extension 200mm<br>0299-0114-00000-005      | 4. 1-1/4" to ADD M42 Adaptor<br>301-03022-000-003 |

## Dry Diamond Core Bits with ADD M42 Coupling

Diameter(mm)	Coupling	Useful Length(mm)	Order Number
56	ADD	200	305-91042-200-056
68	ADD	200	305-91042-200-068
82	ADD	200	305-91042-200-082
102	ADD	200	305-91042-200-102
112	ADD	200	305-91042-200-112
132	ADD	200	305-91042-200-132
162	ADD	200	305-91042-200-162
172	ADD	200	305-91042-200-172
181	ADD	200	305-91042-200-181



## M16 dry drilling equipment

- |   |  |   |
|---|--|---|
| 5. Centering Pilot<br>0202-0111-00000-008 | 6. M16 dust extractor<br>0299-0114-00000-003 | 7. 1-1/4" to M16 Adaptor<br>302-04311-903-010 |
|---|--|---|

## Dry Diamond Core Bits

Diameter(mm)	Coupling	Useful Length(mm)	Order Number
68	M16	85	305-91016-085-068
82	M16	85	305-91016-085-082
102	M16	85	305-91016-085-102
112	M16	85	305-91016-085-112

## 1-Piece Wet-Type Diamond Core Bits (For models with 1-1/4"-7 UNC spindles)

Excellent, long wearing, general-purpose wet core bits. Especially good for heavily reinforced concrete with hard aggregates.



450mm Length (1-1/4"-7 UNC Coupling)	Segment Dimensions (mm) Height x Thickness & Number of Segments	Part Number
Diameter (mm)		
25	H 9 x T 3.2 - single seg.	305-03356-004-034
32	H 9 x T 3.2 - single seg.	305-03356-004-035
38	H 9 x T 3.2 - single seg.	305-03356-004-036
42	H 9 x T 3.2 - single seg.	305-03356-004-037
52	H 10 x T 3.5 - 5 seg.	305-03356-004-038
56	H 10 x T 3.5 - 5 seg.	305-03356-004-039
62	H 10 x T 3.5 - 5 seg.	305-03356-004-040
65	H 10 x T 3.5 - 6 seg.	305-03356-004-041
72	H 10 x T 3.5 - 6 seg.	305-03356-004-042
76	H 10 x T 3.5 - 7 seg.	305-03356-004-043
82	H 10 x T 3.5 - 7 seg.	305-03356-004-044
86	H 10 x T 3.5 - 7 seg.	305-03356-004-045
92	H 10 x T 3.5 - 8 seg.	305-03356-004-046
102	H 10 x T 3.5 - 9 seg.	305-03356-004-047
112	H 10 x T 3.5 - 10 seg.	305-03356-004-048
122	H 10 x T 3.5 - 10 seg.	305-03356-004-050
127	H 10 x T 3.5 - 10 seg.	305-03356-004-051
132	H 10 x T 3.5 - 10 seg.	305-03356-004-052
142	H 10 x T 3.5 - 11 seg.	305-03356-004-053
152	H 10 x T 4.0 - 12 seg.	305-03356-004-054
162	H 10 x T 4.0 - 12 seg.	305-03356-004-055
172	H 10 x T 4.0 - 13 seg.	305-03356-004-056
182	H 10 x T 4.0 - 13 seg.	305-03356-004-057
200	H 10 x T 4.0 - 14 seg.	305-03356-004-058
203	H 10 x T 4.0 - 14 seg.	305-03356-004-059
226	H 10 x T 4.5 - 15 seg.	305-03356-004-060
232	H 10 x T 4.5 - 16 seg.	305-03356-004-061
252	H 10 x T 4.5 - 16 seg.	305-03356-004-062
300	H 10 x T 5.0 - 20 seg.	305-03356-004-063
305	H 10 x T 5.0 - 20 seg.	305-03356-004-064
332	H 10 x T 5.0 - 22 seg.	305-03356-004-065
356	H 10 x T 5.0 - 24 seg.	305-03356-004-066
<b>Special Core Bit for Asphalt:</b>		
102	H 10 x T 4.0 - 9 seg.	305-03356-004-067



## DRY-TYPE DIAMOND CORE BITS (For models with M16 coupling)

Excellent dry drilling performance. Spiral tube with side holes and turbo segments for hard construction materials.



Diameter (mm)	Part Number 150mm Length	Part Number 250mm Length
32	305-03356-004-068	305-03356-004-108
38	305-03356-004-069	305-03356-004-109
42	305-03356-004-070	305-03356-004-110
52	305-03356-004-071	305-03356-004-111
62	305-03356-004-072	305-03356-004-112
65	305-03356-004-073	305-03356-004-113
72	305-03356-004-074	305-03356-004-114
78	305-03356-004-075	305-03356-004-115
82	305-03356-004-076	305-03356-004-116
86	305-03356-004-077	305-03356-004-078

## TILE DIAMOND CORE BITS (For models-TC20, TC40, TC402 )

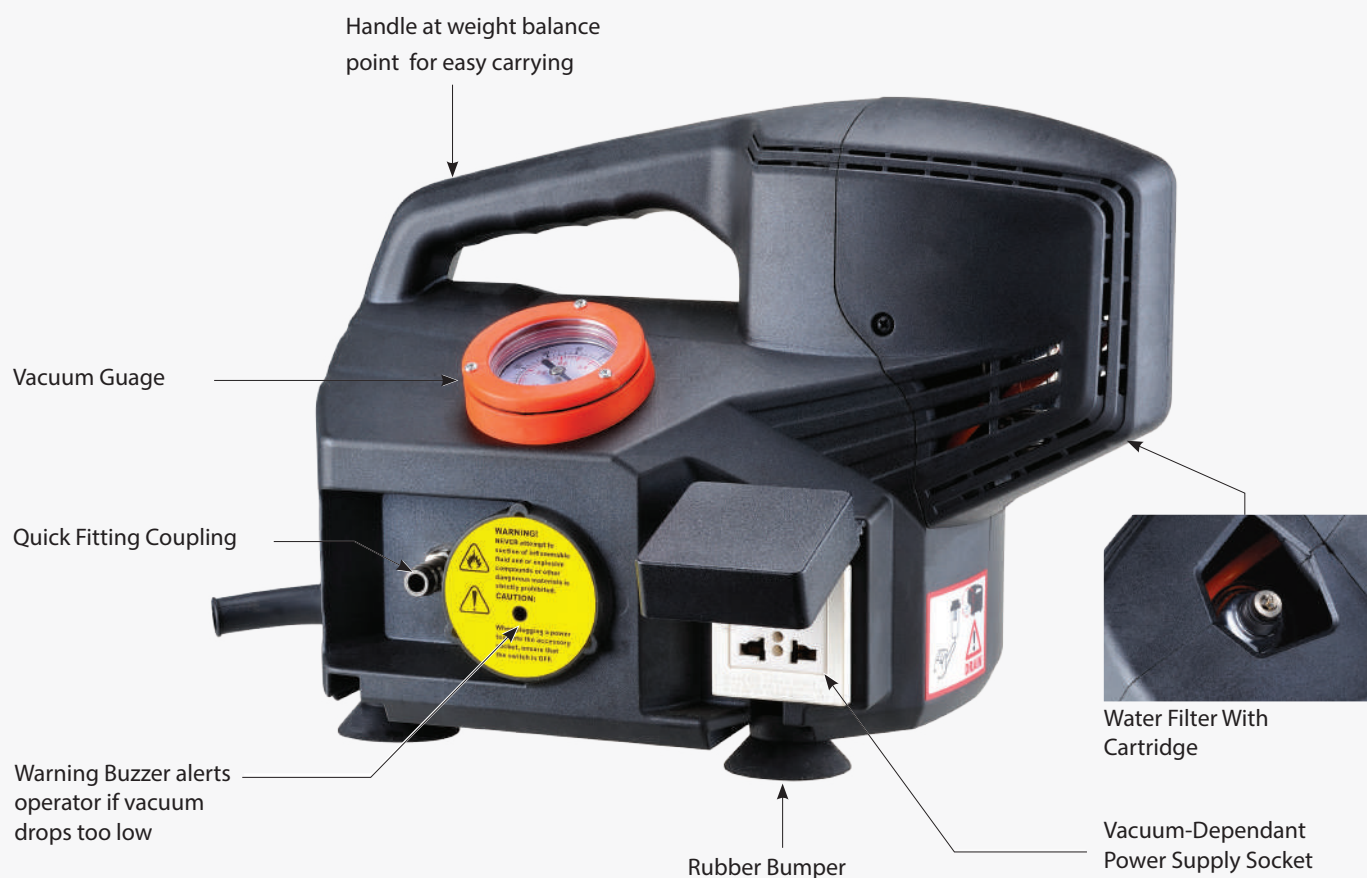
Dry or Wet drilling of extremely hard tile, granite & marble slabs. Length: 66mm



Diameter (mm)	Part Number M14-2.0 Thread	Part Number G 1/2" BSP Thread
6	305-03356-004-084	305-03356-004-096
8	305-03356-004-085	305-03356-004-097
10	305-03356-004-086	305-03356-004-098
12	305-03356-004-087	305-03356-004-099
14	305-03356-004-088	305-03356-004-100
16	305-03356-004-089	305-03356-004-101
18	305-03356-004-090	305-03356-004-102
20	305-03356-004-091	305-03356-004-103
25	305-03356-004-092	305-03356-004-104
30	305-03356-004-093	305-03356-004-105
35	305-03356-004-094	305-03356-004-106
40	305-03356-004-095	305-03356-004-107

## VP140 VACUUM PUMP

This purpose-built vacuum pump is specifically designed for use with power tools which are anchored by a vacuum base



### OPTIONAL ACCESSORIES:

#### Vacuum Tank

Handle



Safety Reset Button

On / Off Switch



# CECB

Model	VP140
Power Input	200W
Voltage	220-240V~ 50/60Hz or 110-120V~ 50/60Hz
Air Flow	30.5 l/min (1.07cfm)
Max. Vacuum	-0.9 bar (-13 psi)
Protection	IPX4
Dimensions (LxWxH)	310mm x 238mm x 250mm
Net Weight	6.7kg (14.77 Lbs)

### STANDARD ACCESSORIES

\* Air Hose 2.5M x1

### OPTIONAL ACCESSORIES

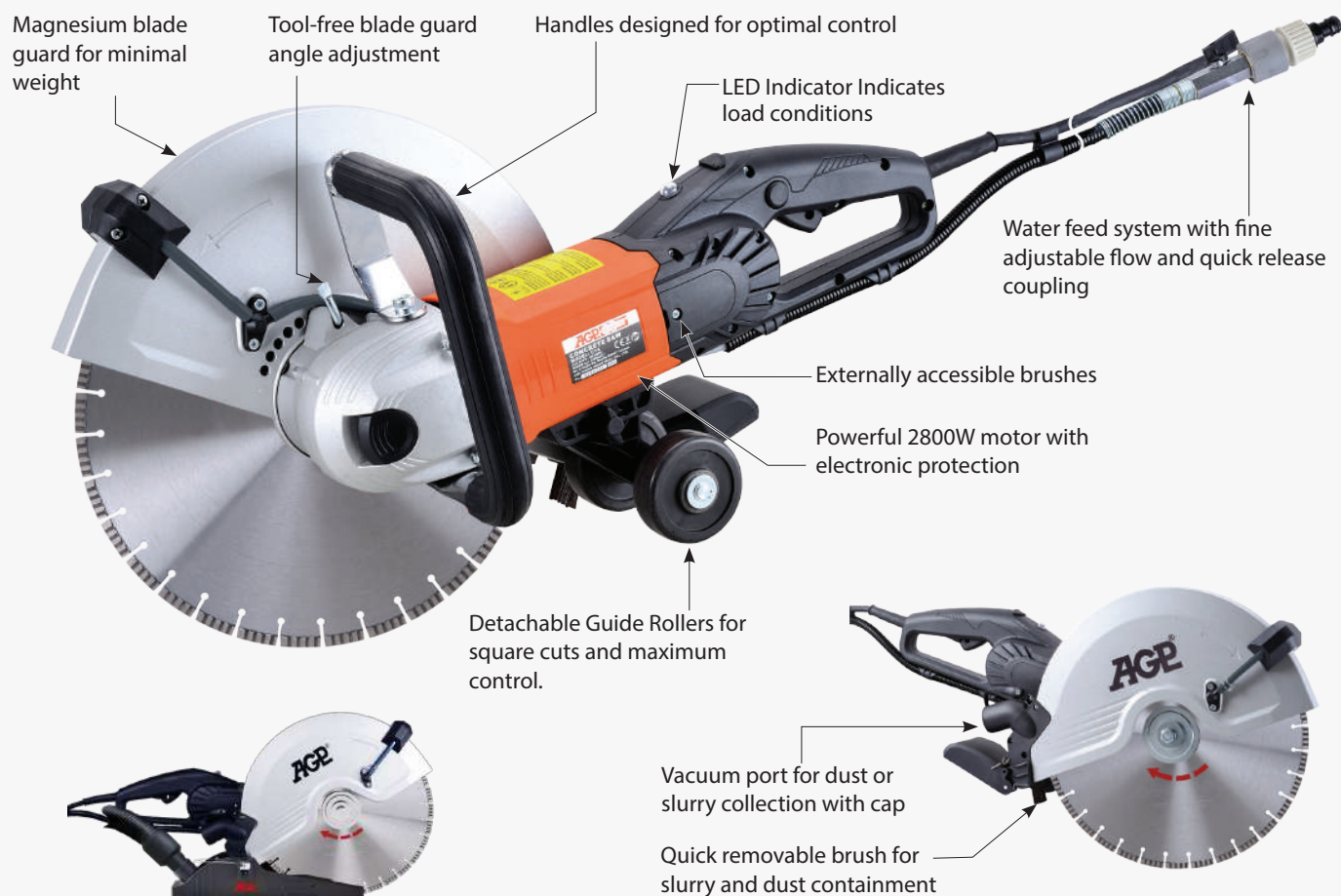
\* Vacuum Tank (Includes Air Hose 1M) x1





## C14 CONCRETE SAW

355 mm handheld wet or dry concrete saw with 2800W motor for up to 125mm depth of cut. Ideal for in-door cutting.



### OPTIONAL ACCESSORIES:

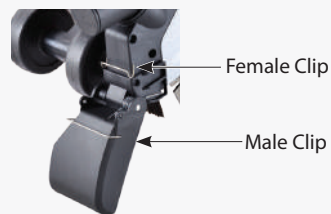
■ **Dust Skid** (Optional) with spring-loaded suspension for ideal dust containment when dry cutting

■ **Wet Diamond Blade** - Excellent for fast cutting of heavily reinforced, hard stressed concrete. 25.4mm (1") arbor hole(wet use only)



Dust Skid

0299-0212-0004-002



Spring-Loaded Splash Guard

Model	C14
Power Input	2800W (220V), 1700W (110V)
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
No Load min <sup>-1</sup>	4500
Linear speed with 14" blade	54.3 m/s
Blade Diameter	355mm (14")
Arbor	25.4mm (1")
Max. Cutting Depth	125mm (5")
Protection Class	Class I with PRCD / GFCI
Dimensions (LxWxH)	611mm x 245mm x 280mm
Weight	8.0kg (17.63 Lbs) (8.4kg (18.51 Lbs) with guide rollers)



### STANDARD ACCESSORIES

- \* M17 Combination Wrench x1
- \* Guide Roller Set x1
- \* Splash Guard Unit x1
- \* Blade Guard Brush x1
- \* PRCD / GFCI Interruptor x1

### OPTIONAL ACCESSORIES

- \* Diamond Blade x1
- \* Dust Skid x1



## C16 CONCRETE SAW

405mm handheld wet or dry concrete saw with 3200W motor for up to 150mm depth of cut. Ideal for in-door cutting.



■ **Dust Skid** (Optional) with spring-loaded suspension for ideal dust containment when dry cutting



Dust Skid  
0299-0212-0004-007

### ■ Flush Cutting (optional)

To perform flush cutting, one must first mount a Flush Cutting Flange Kit (choose A or B), a suitable flush cutting blade, and install the Flush Cut Cover Set. Each kit comes complete with all necessary fasteners.

#### Flush Cutting Flange Kits

**A.** HY Pattern Flush Cutting Kit- 1" arbor 6-bolt (60mm bolt hole circle)

A.



0299-0213-0000-002

**B.** HV Pattern Flush Cutting Kit- 1" arbor Longyear 6-bolt (3-1/2" (88.9mm) bolt hole circle) & 3 bolt combined

B.



0299-0213-0000-001

**Flush Cutting Blade** 88.9mm bolt hole circle (for use with the B. HV Pattern Flush Cutting Kit above)



Diameter 405mm(16")  
305-00036-000-067

**Flush Cut Cover Set** for enhanced safety when flush cutting



Flush Cut Cover Set  
0299-0284-00000-001

#### Optional Flush Cutting



overload protection



only 220V only 220V

Model	C16
Power Input	220V: 2700W (certificate), 3200W (actual) 110V: 2300W (certificate), 3000W (actual)
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
No Load min <sup>-1</sup>	3900
Linear speed with 16" blade	53.7 m/s
Blade Diameter	405mm(16")
Arbor	25.4mm (1")
Max. Cutting Depth	150mm (6")
Protection Class	Class II, (220V models with PRCD / GFCI)
Dimensions (LxWxH)	660mm x 259mm x 280mm
Weight	9.7 kg (21.38 Lbs), (10.2 kg (22.48 Lbs) with guide rollers)

#### STANDARD ACCESSORIES

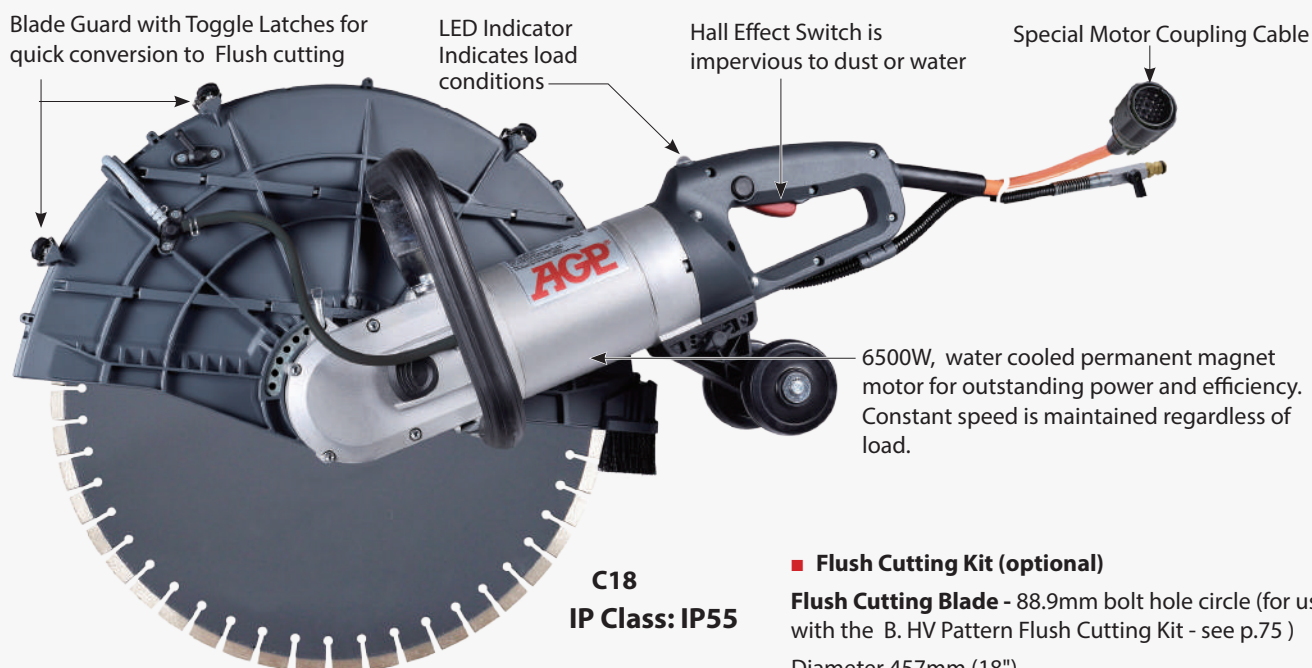
- \* M17 Combination Wrench x1
- \* M3 L-hex wrench x 1
- \* Guide Roller Set x1
- \* Splash Guard Unit x1
- \* Blade Guard Brush x1
- \* PRCD / GFCI Interruptor x1 (220V models only)

#### OPTIONAL ACCESSORIES

- \* Flush Cutting Flange Kits
- \* Flush Cutting Blade
- \* Flush Cut Cover Set
- \* Dust Skid

## C18 HIGH FREQUENCY CONCRETE SAW & P8K CONVERTER

450mm (18") wet concrete saw with 6500W high frequency permanent magnet synchronous motor for up to 175mm depth of cut. Flush cut capability.



### ■ Flush Cutting Kit (optional)

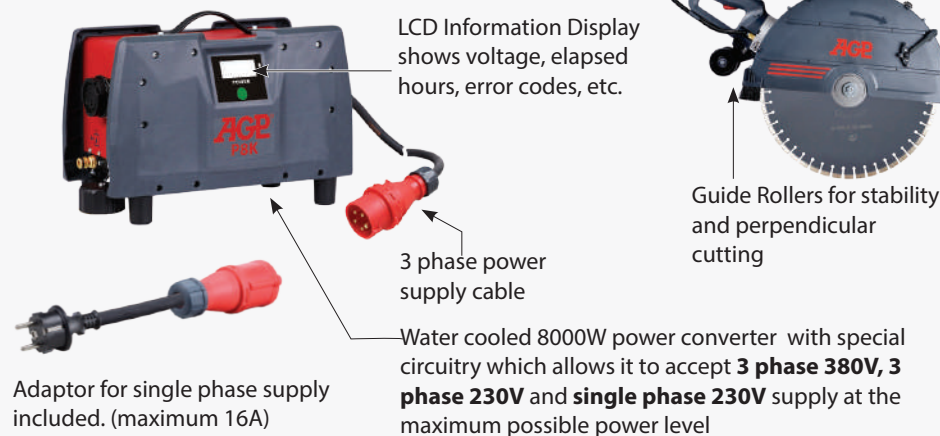
**Flush Cutting Blade** - 88.9mm bolt hole circle (for use with the B. HV Pattern Flush Cutting Kit - see p.75 )

Diameter 457mm (18")

305-00036-000-077

### P8K

Converter with built-in PRCD has full electronic protection for over and under voltage, thermal and current overload supplies high frequency current to the tool



Rim Brush for flush cutting (optional)



Flush Cutting with (optional) Flush Cutting Flange (flush cut blade not included) See p.75 (Specify bolt hole pattern when ordering)



Model	C18 (SAW)
Power	
3Ø~380-480V	6500W
3Ø~220-240V	3600W (16A), 5500W (25A)
1Ø~200-240V	3600W (16A), 5500W (32A)*
No Load RPM*	2800/min
Linear Speed w/18" blade	59.8m/s
Blade Diameter	457mm (18")
Arbor	25.4mm (1")
Max. Cutting Depth	175mm (6-7/8")
Cable Length	6M
Dimensions (L x W x H)	810mm x 260mm x 310mm
Weight	11.6kg (25.5 Lbs)

Model	P8K ( CONVERTER )
Power :	
Input (maximum)	
3Ø~380-480V :	16A 8000W
3Ø~220-240V :	25A 7000W
1Ø~200-240V :	32A 7000W
Min. Water Flow (25°C)	3.5 L/min (1 gpm)
Max. Water Pressure	7 bar (100 psi)
Dimensions (L x W x H)	460mm x 220mm x 260mm
Weight	7.3kg (16.06 Lbs)

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

\* Maximum input current with the supplied single phase adaptor cable is 16A. If a 32A 220V breaker is available, a 32A rated cable should be used to supply the converter.

### STANDARD ACCESSORIES

\* Single Phase Adaptor

### OPTIONAL ACCESSORIES

\* Flush Cutting Flange Kits (see p.77)

\* Flush Cutting Rim Brush

\* Flush Cutting Blade

## R13 RING SAW

330mm (13") wet ring saw with 3200W universal motor for up to 220mm depth of cut.

**PATENTED**



Model	R13
Power Input	230 - 240 V : 3200 W , 220 V : 3000 W , or 110 - 120 V : 2800 W
Voltage	220 - 240 V ~ 50 - 60 Hz or 110 - 120 V ~ 50 - 60 Hz
Spindle No Load min <sup>-1</sup>	14,000
Blade No Load min <sup>-1</sup>	2,850
Linear Speed	49.2 m/s
Blade Diameter	330 mm (13")
Max. Depth of Cut	220 mm (8.7")
Protection Class	Class I ( 220 - 240 V models with PRCD / GFCI )
Dimensions (incl. blade)	730 x 280 x 450mm
Weight	12.6kg ( 27.7 Lbs ) (not incl. blade)

### STANDARD ACCESSORIES

- \* T-Wrench
- \* Face Spanner
- \* 330mm Ring Saw Blade



## R16 HIGH FREQUENCY RING SAW & P8K CONVERTER

405mm (16") wet ring saw with 6500W high frequency permanent magnet synchronous motor for up to 300mm depth of cut.

**PATENTED**

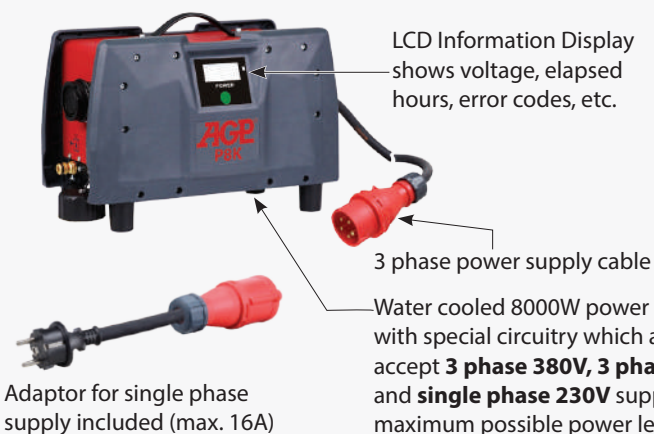


**IP Class: IP55**

### P8K

Converter Build-in PRCD has full electronic protection for over and under voltage, thermal and current overload supplies high frequency current to the tool

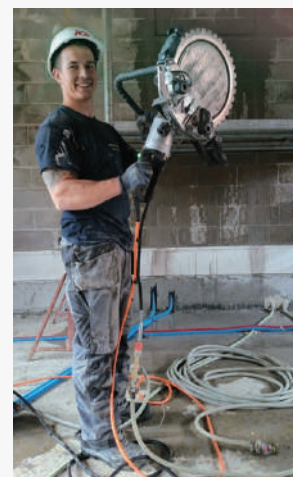
**Patented** One Step Drive Tensioner is fast and easy to adjust and keeps tension equalized



Adaptor for single phase supply included (max. 16A)



Ring Saw Blade 405mm (16")  
305-00036-000-071



Model	R16 (SAW)
Power:	
3Ø~380-480V	6500W
3Ø~220-240V	3600W (16A), 5500W(25A)
1Ø~200-240V	3600W (16A), 5500W(32A)*
No Load RPM*	2500/min
Linear Speed	53.0m/s
Blade Diameter	405mm (16")
Max. Cutting Depth	300mm (11-13/16")
Cable Length	6M
Dimensions (L x W x H)	830mm x 240mm x 460mm
Weight	12.8kg (27.5 Lbs)

Model	P8K ( CONVERTER )
Power :	
Input (Maximum)	
3Ø~380-480V :	16A 8000W
3Ø~220-240V :	25A 7000W
1Ø~200-240V :	32A 7000W
Min. Water Flow (25°C)	3.5 L/min (1 gpm)
Max. Water Pressure	7 bar (100 psi)
Dimensions (L x W x H)	460mm x 220mm x 260mm
Weight	7.3kg (16.06 Lbs)

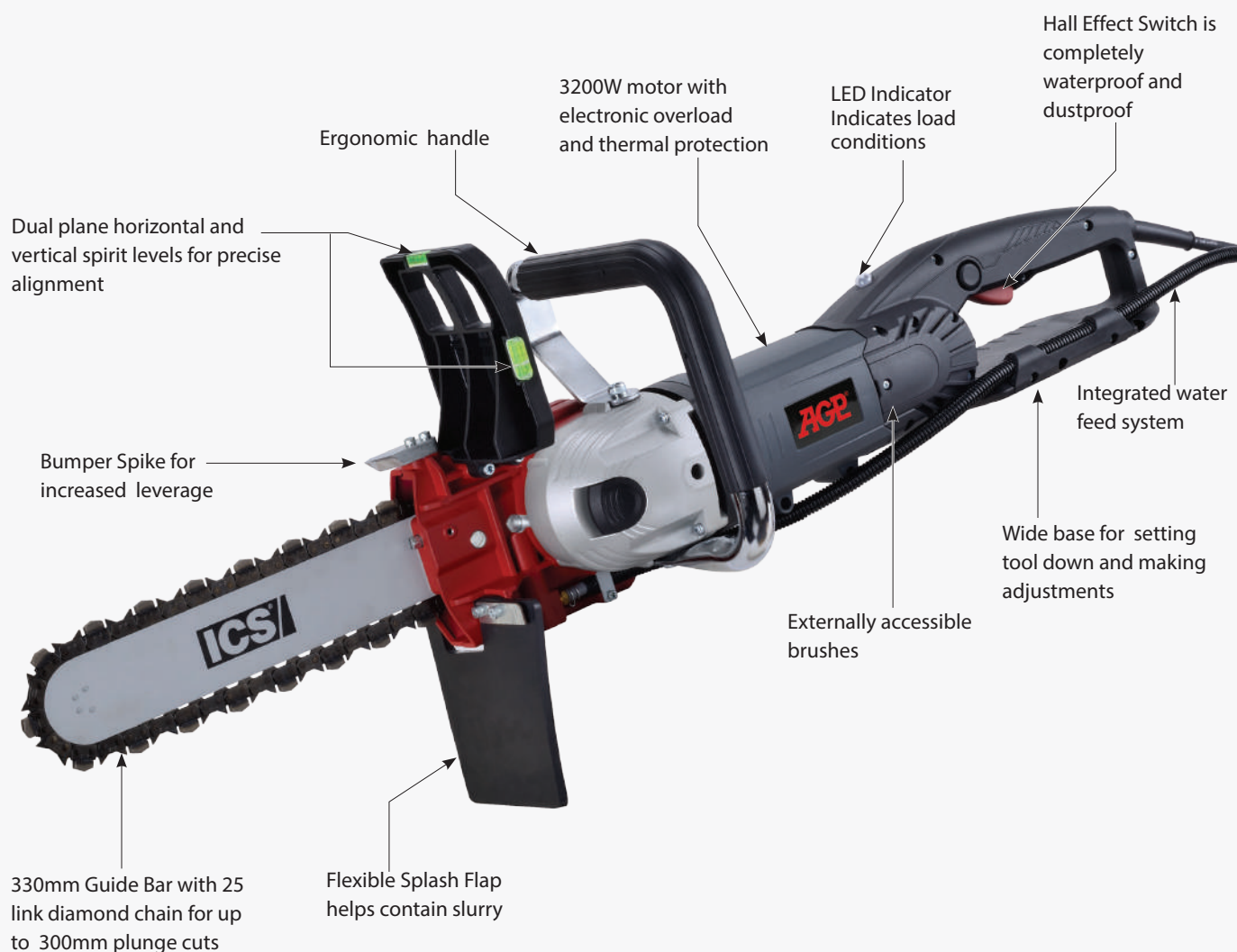
\* Due to the motor design, the no load and the rated load speeds are roughly the same.

\* Maximum input current with the supplied single phase adaptor cable is 16A. If a 32A 220V breaker is available, a 32A rated cable should be used to supply the converter



## CS11 CONCRETE CHAIN SAW

Concrete chain saw with 3200W motor and up to 300mm plunge cutting depth. Excellent for precise corner cut outs with no overcuts



Model	CS11
Power Input	220V: 2800W (certificate), 3200W (actual) 110V: 2600W (certificate), 3000W (actual)
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
No Load min <sup>-1</sup>	10000
Linear speed	20.65m/s
Guide Bar Nominal Length	382mm (15")
Diamond Chain	25 link
Max. Cutting Depth	300mm (11.8")
Protection Class	Class I, (220V models with PRCD / GFCI)
Dimensions(L x W x H)	630mm (930mm with guide bar) x 215mm x 280mm
Weight	8.1 kg (17.85 Lbs), (9.04 kg (19.92 Lbs) with guide bar & chain)

### STANDARD ACCESSORIES

- \* T-Wrench x 1
- \* PRCD / GFCI Interruptor x 1 (220V models only)

### OPTIONAL ACCESSORIES

- \* Guide Bar
- \* Diamond Chain (general purpose)
- \* Sprocket
- \* Carry Bag

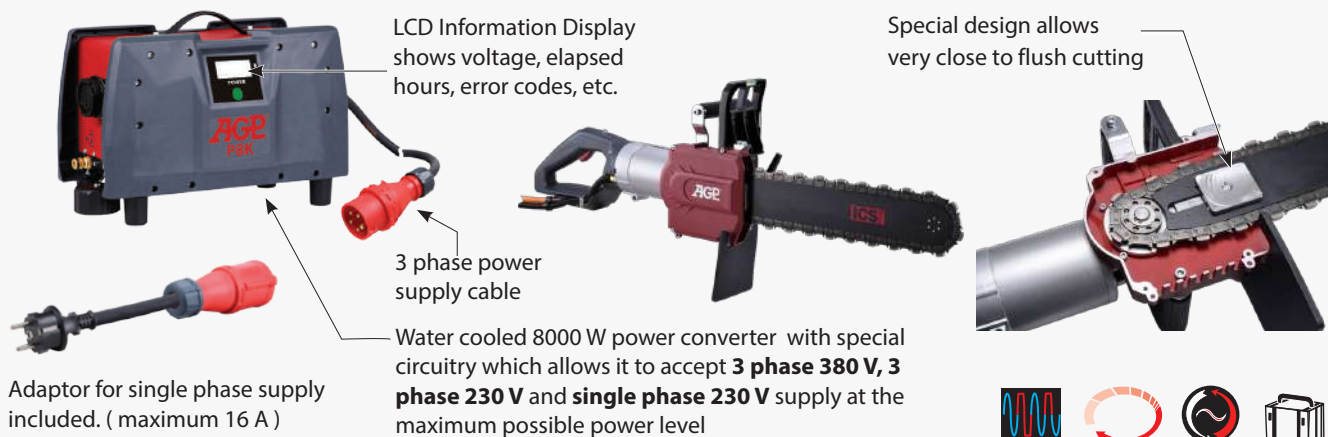
## CS18 HIGH FREQUENCY CONCRETE CHAINSAW & P8K CONVERTER

Concrete chainsaw with 6500 W high frequency permanent magnet synchronous motor. Excellent for deep plunge cuts and precise corner cut outs with no overcuts.



### P8K

Converter with built-in PRCD has full electronic protection for over and under voltage, thermal and current overload supplies high frequency current to the tool



Model	CS18
Power:	
3Ø~380-480 V	6500 W
3Ø~220-240 V	5500 W
1Ø~200-240 V	5500 W (32 A) , 3600 W (16 A)
No Load RPM*	8500/min
Linear Speed	20.7 m/s (3/8") , 25.7 m/s ( 0.444" )
Pitch	3/8" or 0.444"
Guide Bar Nominal Length	12" , 14" , 16" or 19"
Max. Cutting Depth	460 mm (w / 16" Bar)
Max. Cutting Depth	470 mm (w / 19" Bar)
Dimensions (L x W x H)	635 mm x 250 mm x 316 mm
Weight	8.85 kg ( 19.5 Lbs )

Model	P8K ( CONVERTER )
Power :	
Input (Maximum)	
3Ø~380-480 V :	16 A 8000 W
3Ø~220-240 V :	25 A 7000 W
1Ø~200-240 V :	32 A 7000 W
Min. Water Flow (25°C)	3.5 L/min (1 gpm )
Max. Water Pressure	7 bar (100 psi)
Dimensions (L x W x H)	460 mm x 220 mm x 260 mm
Weight	7.1 kg (15.6 Lbs)

### STANDARD ACCESSORIES

- \* T-Wrench x 1
- \* Single Phase Adaptor

### OPTIONAL ACCESSORIES

- \* Guide Bar
- \* Diamond Chain (general purpose)
- \* Sprocket
- \* Carry Bag

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

\* Maximum input current with the supplied single phase adaptor cable is 16 A. If a 32 A 220 V breaker is available, a 32 A rated cable should be used to supply the converter.

## G125 CONCRETE GRINDER

125mm, high endurance concrete grinder with excellent dust control



Model	G125
Power Input	220-240V: 1700W(certificate), 230-240V: 2000W(certificate), 2200W(actual) 110-120V: 1500W(certificate) 2000W(actual)
Voltage, Frequency	220-240V~ 50-60Hz, 230-240V~50-60Hz or 110-120V~ 50-60Hz
No Load min <sup>-1</sup>	4300 - 7200
Wheel Diameter	125mm (5")
Arbor	22.23mm (7/8")
Spindle	M14 or 5/8-11 ( Specify when ordering)
Dimensions (LxWxH)	500mm x 195mm x 175mm
Weight	4.7kg (10.3Lbs)

### STANDARD ACCESSORIES

- \* Lock Nut Wrench
- \* Face Spanner Wrench
- \* Hex Key M6

### OPTIONAL ACCESSORIES

- \* Various Grits of Diamond Cup Wheel

## G180 CONCRETE GRINDER

180mm, high endurance concrete grinder with excellent dust control



Model	G180
Power Input	220V - 240V : 1800W(certificate) , 230 - 240V : 2000W (certificate) , 2200W (actual) 110 - 120 V : 1500W(certificate) , 2000W (actual)
Voltage, Frequency	220V - 240V ~ 50 - 60 Hz , 230 - 240V ~ 50 - 60 Hz or 110 - 120V ~ 50 - 60 Hz
No Load min <sup>-1</sup>	3500-5800
Wheel Diameter	180 mm (7")
Arbor	22.23 mm (7/8")
Spindle	M14 or 5/8-11 ( Specify when ordering)
Dimensions (LxWxH)	525 mm x 210 mm x 195 mm
Weight	5.0 kg (11.0 Lbs)

### STANDARD ACCESSORIES

- \* Lock Nut Wrench
- \* Face Spanner Wrench
- \* Hex Key M6

### OPTIONAL ACCESSORIES

- \* Various Grits of Diamond Cup Wheel



## BG125 HIGH FREQUENCY BRUSHLESS CONCRETE GRINDER & P4K POWER CONVERTER

125mm concrete grinder with super-efficient, high frequency brushless motor for long life and long duty cycles

Lock-On Hall Effect Switch is completely waterproof and dustproof. Includes anti-restart function to protect operator in the event of interrupted power supply

LED Indicator for optimizing grinding efficiency with overload and overheat warning

Adjustable ergonomic front handle allows clearance for edge grinding



2200W Brushless Permanent Magnet Synchronous Motor for outstanding power and efficiency. Constant speed is maintained regardless of load for an even finish

IP55 waterproof and dustproof construction makes this tool ideal for grinding hazardous materials

Effective dust control skirt with spring suspension and replaceable brush

**BG125**



Tool-free sliding cover for edge grinding

LCD Information Display shows voltage, error codes, and elapsed hours



**P4K**

Converter can preset various speeds for different applications

4500W power converter with special circuitry which allows it to accept single phase 100V to 240V and converts it to 3 phase, high frequency to control the motor

Converter with built-in PRCD has full electronic protection for over and under voltage, thermal and current overload



overload protection



Soft Start



Variable Speed



Constant Speed



IP55



Power Converter

Model	BG125 Concrete Grinder
Power Input	3~ 2200W
No Load min <sup>-1</sup>	3550 - 5350
Wheel Diameter	125mm (5")
Arbor	22.23mm (7/8")
Spindle	M14 or 5/8-11 (Specify when ordering)
Ingress Protection	IP55
Dimensions (LxWxH)	455mm x 200mm x 175mm
Weight	4.6kg (10.1 Lbs)

Model	P4K Power Converter
Voltage	100V - 240V ~ 50-60Hz
Max. Power Input	1~ 4500W
Max. Power Output	3~ 4000W
Ingress Protection	IP55
Weight	3.1kg (6.9 Lbs)

### STANDARD ACCESSORIES

- \* Lock Nut Wrench
- \* Face Spanner Wrench
- \* Hex Key M6

### OPTIONAL ACCESSORIES

- \* Various Grits of Diamond Cup Wheel

## BG5 HIGH FREQUENCY BRUSHLESS CONCRETE GRINDER & P4K POWER CONVERTER

125mm concrete grinder with super-efficient, high frequency brushless motor for long life and long duty cycles

IP55 waterproof and dustproof construction makes this tool ideal for grinding hazardous materials

2200W Brushless Permanent Magnet Synchronous Motor for outstanding power and efficiency. Constant speed is maintained regardless of load for an even finish

LED Indicator for optimizing grinding efficiency with overload and overheat warning

Lock-On Hall Effect Switch is completely waterproof and dustproof. Includes anti-restart function to protect operator in the event of interrupted power supply

Built-in lugs for mounting to the Floor Grinding Trolley

Anti-Vibration handle mounts for fatigue free operation

Effective dust control skirt with spring suspension and replaceable brush

**BG5**



Tool-free sliding cover for edge grinding

LCD Information Display shows voltage, error codes, and elapsed hours



**P4K**

Converter can preset various speeds for different applications

4500W power converter with special circuitry which allows it to accept single phase 100V to 240V and converts it to 3 phase, high frequency to control the motor

Converter with built-in PRCD has full electronic protection for over and under voltage, thermal and current overload



Model	BG5 Concrete Grinder
Power Input	Power Input 3~ 2200W
No Load min-1	3850 - 5800
Wheel Diameter	125mm (5")
Arbor	22.23mm (7/8")
Spindle	M14 or 5/8-11 ( Specify when ordering)
Ingress Protection	IP55
Dimensions (LxWxH)	235mm x 290mm x 235mm
Weight	5.1kg (11.3 Lbs)

Model	P4K Power Converter
Voltage	100V - 240V ~ 50-60Hz
Max. Power Input	1~ 4500W
Max. Power Output	3~ 4000W
Ingress Protection	IP55
Weight	3.1kg (6.9 Lbs)

### STANDARD ACCESSORIES

- \* Lock Nut Wrench
- \* Face Spanner Wrench
- \* Hex Key M6

### OPTIONAL ACCESSORIES

- \* Floor Grinding Trolley x1
- \* Various Grits of Diamond Cup Wheel

## G5 CONCRETE GRINDER

125mm, compact and high endurance concrete grinder with excellent dust control.

Variable speed for different applications



Constant speed electronics for an even finish

Anti-vibration mountings for maximum operator comfort



Tool-free sliding cover for edge grinding



Vacuum Port

Bristles for efficient dust containment



Floor Grinding Trolley



overload protection



Soft Start



Variable Speed



Constant Speed



Model	G5
Power Input	2200W (220V), 1700W (110V)
Voltage, Frequency	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
* No Load min <sup>-1</sup>	4500 - 9500
Wheel Diameter	125mm (5")
Arbor	22.23mm (7/8")
Spindle	M14 or 5/8-11 (Specify when ordering)
Dimensions (LxWxH)	246mm x 280mm x 325mm
Cable length	3m
Weight	5.8kg (12.76 Lbs)

### STANDARD ACCESSORIES

- \* Lock Nut Wrench
- \* Face Spanner Wrench
- \* Hex Key M6

### OPTIONAL ACCESSORIES

- \* Floor Grinding Trolley x1
- \* Various Grits of Diamond Cup x1 (See p.99)

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



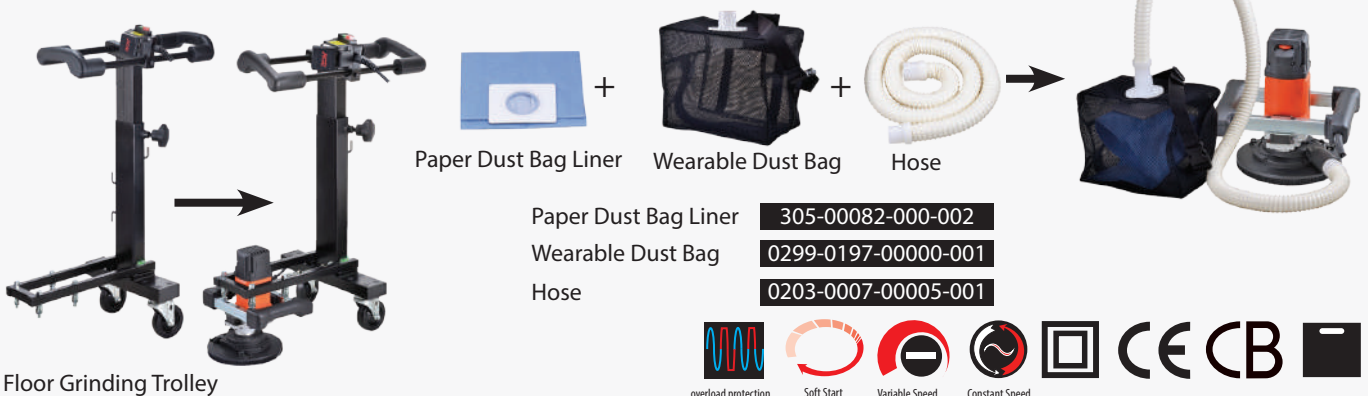
## SM5 CONCRETE GRINDER WITH BUILT-IN DUST TURBINE

125mm concrete grinder with revolutionary self-contained dust turbine for maximum mobility. Compensating spacers for adjusting cup wheel height included.

**PATENTED**



### OPTIONAL ACCESSORIES:



Model	SM5
Power Input	2200W (220V), 1700W (110V)
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
* No Load min <sup>-1</sup>	4500 - 9500
Wheel Diameter	125mm (5")
Arbor	22.23mm (7/8") & 25.4 (1") (Double-Sided)
Spindle	M14 or 5/8-11 (Specify when ordering)
Soft Start & Overload Protection	With
Dimensions (LxWxH)	246mm x 280mm x 325mm
Weight	5.8kg (12.76 Lbs)

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

### STANDARD ACCESSORIES

- \* Lock Nut Wrench x1
- \* Face Spanner Wrench x1
- \* Hex Key M6 x1
- \* Spacer (2mm) x 1
- \* Spacer (3mm) x 1

### OPTIONAL ACCESSORIES

- \* Floor Grinding Trolley x1
- \* Various Grits of Diamond Cup Wheel x1 (See p.99)
- \* Wearable Dust Bag w/ Straps & Hose 1.0m x1



## SM7 CONCRETE GRINDER

180mm, compact and high endurance concrete grinder with excellent dust control.

Variable Speed  
Thumb Wheel



Powerful 2200W motor with variable  
speed, electronic constant speed  
soft start, and overload protection

Anti-vibration  
mountings for  
operator comfort

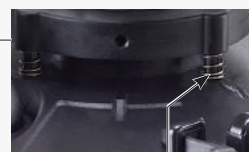
Half-Moon Door for  
grinding up to the  
edge



Includes a built-in  
magnet for  
temporarily stowing  
on the crossbar

Ergonomic handles for  
long duty cycles

Swiveling Vacuum Port



Dust Skirt with spring  
suspension

Diamond Cup Wheel

### OPTIONAL ACCESSORIES:



Floor Grinding Trolley



overload protection



Soft Start



Variable Speed



Constant Speed



Model	SM7
Power Input	2200W (220V), 1700W (110V)
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
* No Load min <sup>-1</sup>	3200 - 6500
Wheel Diameter	180mm (7")
Arbor	22.23mm (7/8") or 25.4 (1") ( Specify when ordering)
Spindle	M14 or 5/8-11 ( Specify when ordering)
Soft Start & Overload Protection	With
Dimensions (LxWxH)	246mm x 280mm x 325mm
Weight	5.74kg (12.62 Lbs)

### STANDARD ACCESSORIES

- \* Lock Nut Wrench x1
- \* Face Spanner Wrench x1
- \* Hex Key M6 x1

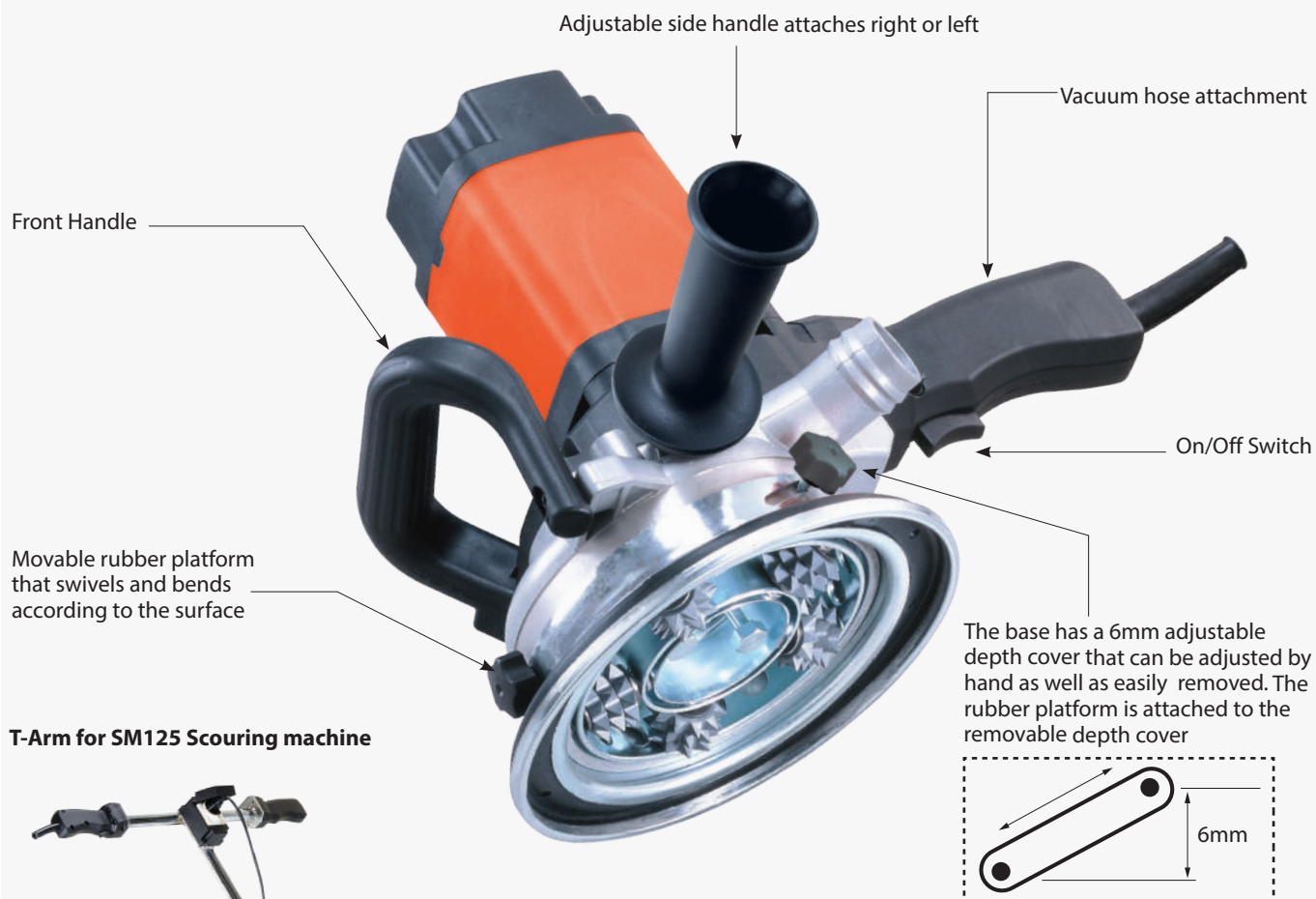
### OPTIONAL ACCESSORIES

- \* Floor Grinding Trolley
- \* Various Grits of Diamond Cup (See p.99)

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

## SM125 SCOURING MACHINE

A versatile scouring machine which can mount scarifier wheels, diamond cup wheels, or diamond grinding heads



### T-Arm for SM125 Scouring machine



Edge Cut-Out in gear box

New cover which enshrines the Edge Cut-Out when the Base is in place



This will allow the accessory Diamond Grinding Head or Diamond Cup Wheel to reach right up to the edge. (It is not possible for the Scarifier Wheel to reach all the way to the edge)



### STANDARD ACCESSORIES

- \* Side Handle x1
- \* T-Wrench 13mm x1
- \* Scarifier Wheel with Pyramid-Tip Cutter Discs x1
- \* Wheel Puller x1
- \* Face Spanner Wrench-93mm x1 (for Scarifier Wheels)
- \* Vacuum Hose End Adaptor x1

### OPTIONAL ACCESSORIES

- \* Overload Protection

Model	SM125
Power Input	1200W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
No Load min <sup>-1</sup>	2800
Milling Head	125 mm
Milling Depth	1-6mm
Dimensions (LxWxH)	352mm x 300mm x 265mm
Net Weight	5.4 kg (11.9 Lbs)

## ■ Rotary Scarifier Wheels

### Pyramid-Tip Cutter Discs (Standard)



The **SM125** comes complete with a Rotary Scarifier Wheel with a set of Pyramid-Tip Carbide Cutter Discs.

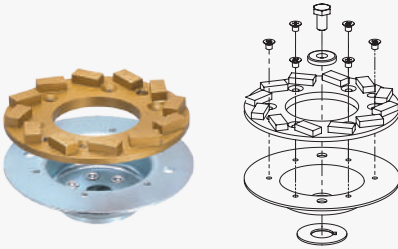
Ideal for very hard materials, it aggressively removes material and leaves behind a roughened surface. The adjustable shroud allows controlled depth.

Pyramid-Tip Cutter Discs-(Set of 15)

**0299-0108-00000-001**

## OPTIONAL ACCESSORIES:

### ■ Diamond Grinding Head Mounting Kit



Allow the use of flat type diamond grinding heads (Grinding heads not included)

#### Mounting Kit

Hex Bolt x1

**401-M08020125-110**

Mounting Cup only x1

**302-03100-903-001**

Flat Head Screw x1 ( 6 pcs required )

**302-04173-903-001**

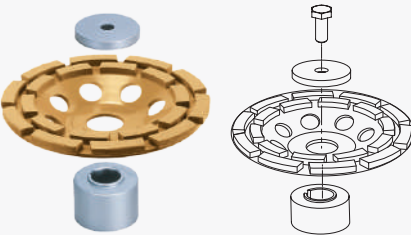
Arbor Washer x1

**302-04176-903-001**

Inner Flange x1

**302-04173-903-001**

### ■ Standard-Type Diamond Cup Wheels



These wheels are perfect for grinding concrete and similar materials. Coarse grit for aggressive removal. Fine grit for a smoother finish.

#### Diamond Cup Wheels x1

125mm wheels with 7/8" (22.2mm) bore

#60/80 Grit

**305-00072-000-018**

#100/120 Grit

**305-00072-000-020**

#### Mounting Accessories Required for Diamond Cup Wheels

(When ordering diamond cup wheel, 1pcs of each spacer, outer flange, long arbor bolt, and 78mm face spanner wrench are required.)

Arbor Bolt-Long x1

**401-M08035125-080**

Spacer x1

**302-04180-903-001**

### ■ Face Spanner Wrench



Face Spanner Wrench-78mm x1

**302-04179-901-002**

Outer Flange x1

**302-04181-903-001**

### ■ T-Arm (for SM125 only)



**T-Arm (for SM125 only) x1**

**Dimensions :** 1120mm ( L ) x 780mm ( W ) x 115mm ( H )

**Weight:** 3kg ( 6.6 Lbs )

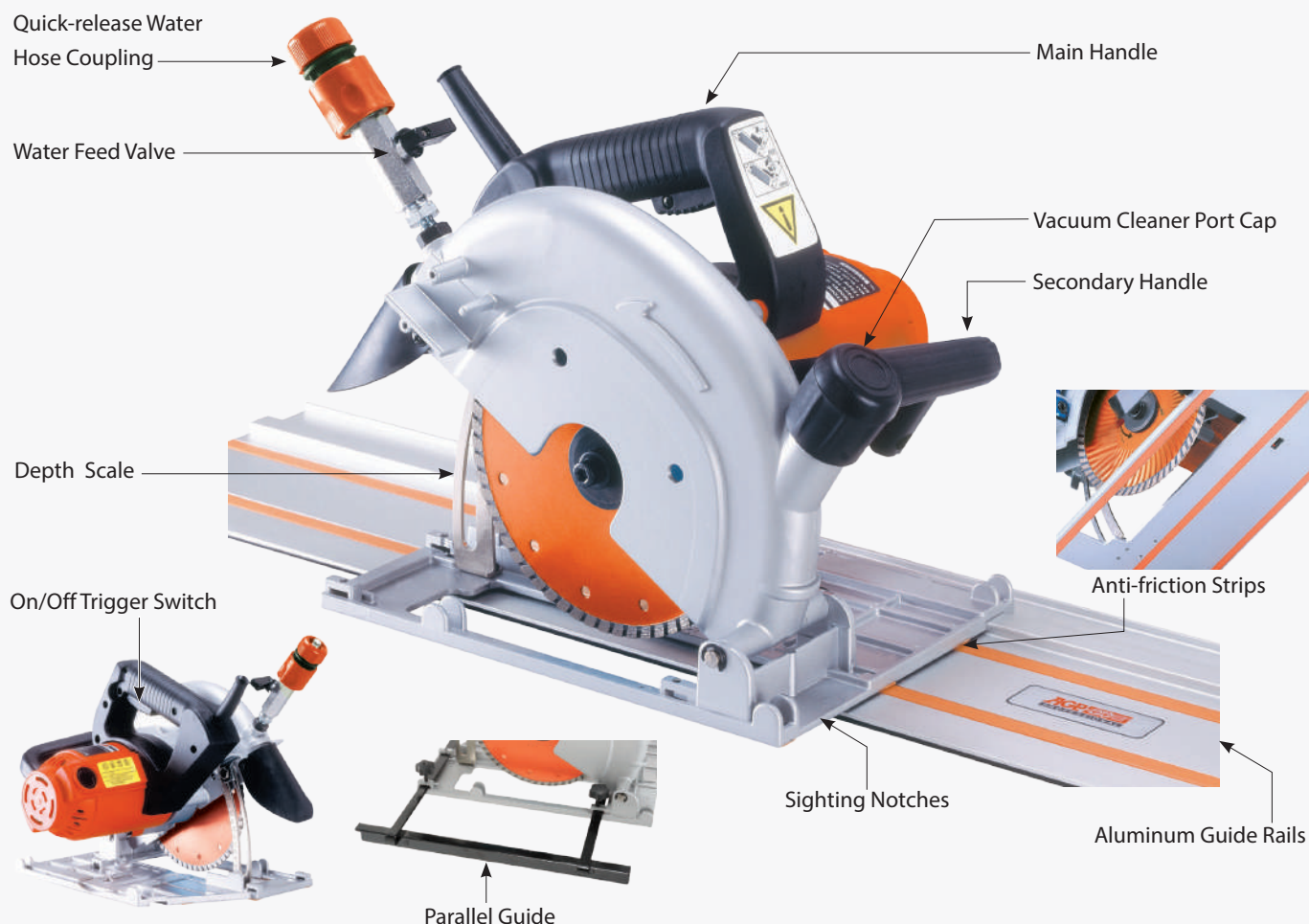


Plastic Carry Case x1 572mm x 362mm x 238mm

**0299-0075-00100-001**

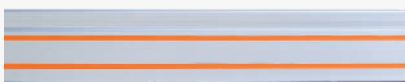
## SCS7 STONE CUTTING CIRCULAR SAW

A 180mm wet stone saw with 55mm depth of cut and 1800W motor. Use the optional guide rail for precise control.



### OPTIONAL ACCESSORIES:

■ Aluminum Guide Rails	Spec.
Guide Rail	174mm x 1400mm
Guide Rail	174mm x 800mm



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 Connector  
0299-0106-00000-001



Lever Clamp  
305-00179-000-001



Plastic Carry Case  
455mm x 333mm x 375mm  
0299-0075-00100-012



overload protection



### STANDARD ACCESSORIES

- \* Rubber Plug x1
- \* Parallel Guide x1
- \* Quick-release Water Hose Coupling x1
- \* M6 L-Hex Wrench x1
- \* PRCD / GFCI Interruptor x1

### OPTIONAL ACCESSORIES

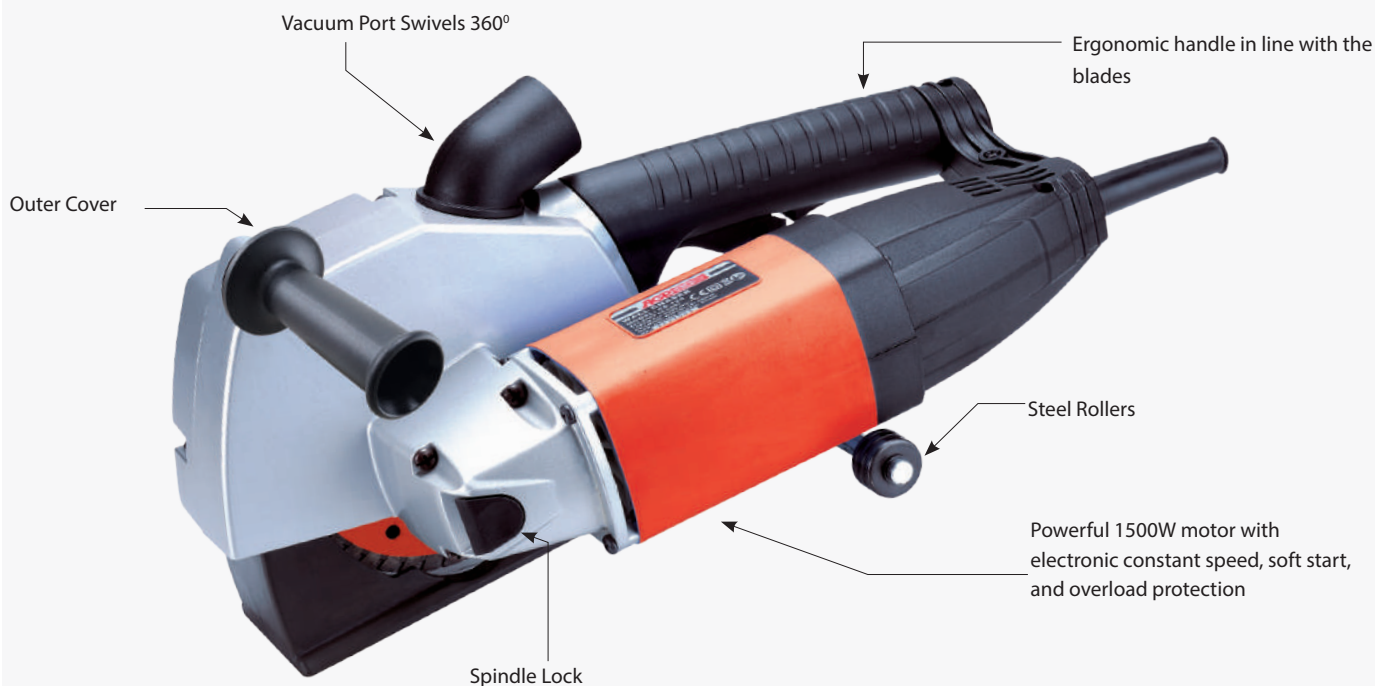
- \* 7" Diamond Blade x1

Model	SCS7
Power Input	1800W (220V), 1680W (110V)
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
No Load min <sup>-1</sup>	5800
Arbor	22.23mm (7/8")
Max. Blade Diameter	180mm
Max. Cutting Depth	55mm
Overload Protection	With
Protection Class	Class I with PRCD / GFCI
Dimensions (LxWxH)	350mm x 270mm x 265mm
Net Weight	6.7 kg (14.74 Lbs)

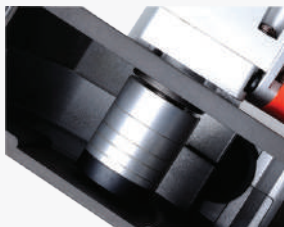


## CS125N WALL CHASERS

125mm wall chasers with 30mm depth of cut and 45mm maximum channel width. Clockwise blade rotation. 1500W motors with constant speed electronics for consistent performance.



**CS125N (Spacers Model)**



### Spacers



Place as many spacers as necessary to achieve the desired groove width. They are in sizes:

- 40mm x 22.2mm x 6mm (2 pcs)
- 40mm x 22.2mm x 4mm (1 pcs)
- 40mm x 22.2mm x 10mm (1 pcs)
- 40mm x 22.2mm x 15mm (1 pcs)



Model	CS125N
Power Input	1500W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
* No Load min <sup>-1</sup>	6500
Bore	22.2 or 30mm
Soft Start & Overload Protection	With
Max. Blade Diameter	125mm
Blade Bore Size	22.23mm (7/8")
Max. cutting depth	30mm
Dimensions (LxWxH)	378mm x 221mm x 196mm
Channel Width	8-45mm
Net Weight	4.4kg (9.7 Lbs)

### STANDARD ACCESSORIES

- \* Side Handle x1
- \* 4mm T-Handle Hex Wrench x1
- \* Vacuum Hose End Adaptor x1
- \* 6mm L-Hex Wrench x1
- \* Spacers x1

### OPTIONAL ACCESSORIES

- \* 125mm Diamond Blade x1

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

## CG125 WALL CHASER

A light and convenient wall chaser with a maximum depth of 40 mm and cutting width up to 35 mm. Features outstanding dust control.



### STANDARD ACCESSORIES:



Universal:  
125mm Diamond Saw Blade

305-00036-000-081



### STANDARD ACCESSORIES

- \* Spacer Set
- \* Side Handle
- \* 125 mm Diamond Saw Blade

Model	CG125
Power Input	1800 W
* No Load min <sup>-1</sup>	9000
Max. Blade Diameter	Ø125 mm
Max Depth of Cut	40 mm
Max Channel Width	35 mm
Depth of Cut control system	With
Rotatable dust collection system	With
Soft Start / Overload Protection	With
Thermal Protection	With
Constant Speed	With
Dimensions (LxWxH)	365 mm x 151 mm x 247 mm
Weight ( Without cable and blade )	4.7 kg (10.36 Lbs)

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

## CG150 WALL CHASER

A powerful wall chaser with a maximum depth of 50 mm and cutting width up to 47 mm. Features an optional efficient guide rail system.



### STANDARD ACCESSORIES: OPTIONAL ACCESSORIES:



Universal:  
150mm Diamond Saw Blade  
150xH10xT2.6x22.23mm

305-00036-000-068



Hard Material:  
150mm Diamond Saw Blade  
150xH10xT2.6x22.23mm

305-00036-000-069

Optional quick set-up Guide Rail System provides maximum operator convenience and minimizes human error.



Guide rail support Set (1000mm)

0299-0246-0000-001



Guide rail 92mmx1400mm

0299-0065-00149-021



overload protection



Soft Start



Constant Speed



Model	CG150
Power Input	2500W (220V), 2300W (110V)
Voltage, Frequency	220-240V~ 50-60Hz, 110-120V~ 50-60Hz
* No Load min <sup>-1</sup>	6500
Max. Blade Diameter	Ø150mm
Blade bore size	22.23mm (7/8")
Max Depth of Cut	50mm
Max Channel Width	47mm
Cut to Ceiling	25mm
Cut to Edge	28mm
Soft Start / Overload Protection	With
Thermal Protection	With
Constant Speed	With
Dimensions (LxWxH)	365mm x 220mm x 288mm
Weight (Without cable and blade)	7.2kg (15.84 Lbs)

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

### STANDARD ACCESSORIES

- \* Spacer Set
- \* Chisel
- \* 150mm Diamond Saw Blade(Universal) x2

### OPTIONAL ACCESSORIES

- \* Guide rail
- \* Guide rail support Set



## CS180 WALL CHASER

A 180mm wall chaser with 52mm depth of cut and 51mm maximum channel width. 1800W motor with overload protection.



### Spacers



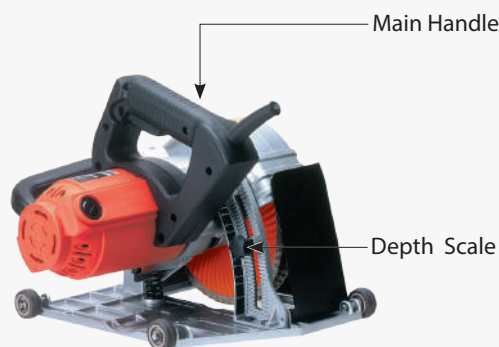
Place as many spacers as necessary to achieve the desired groove width. They are in sizes 15, 12, 10 and 2 x 5mm.

### OPTIONAL ACCESSORIES:

#### Wall Chaser Diamond Blades ( each machine requires 2 pcs )

Diameter	Thickness	Arbor
180mm (7")	1.6mm	22.23mm (7/8")

305-00036-000-007



Vacuum Hose  
End Adaptor



Plastic Carry Case  
455mm x 333mm x 375mm  
0299-0075-00100-012



### STANDARD ACCESSORIES

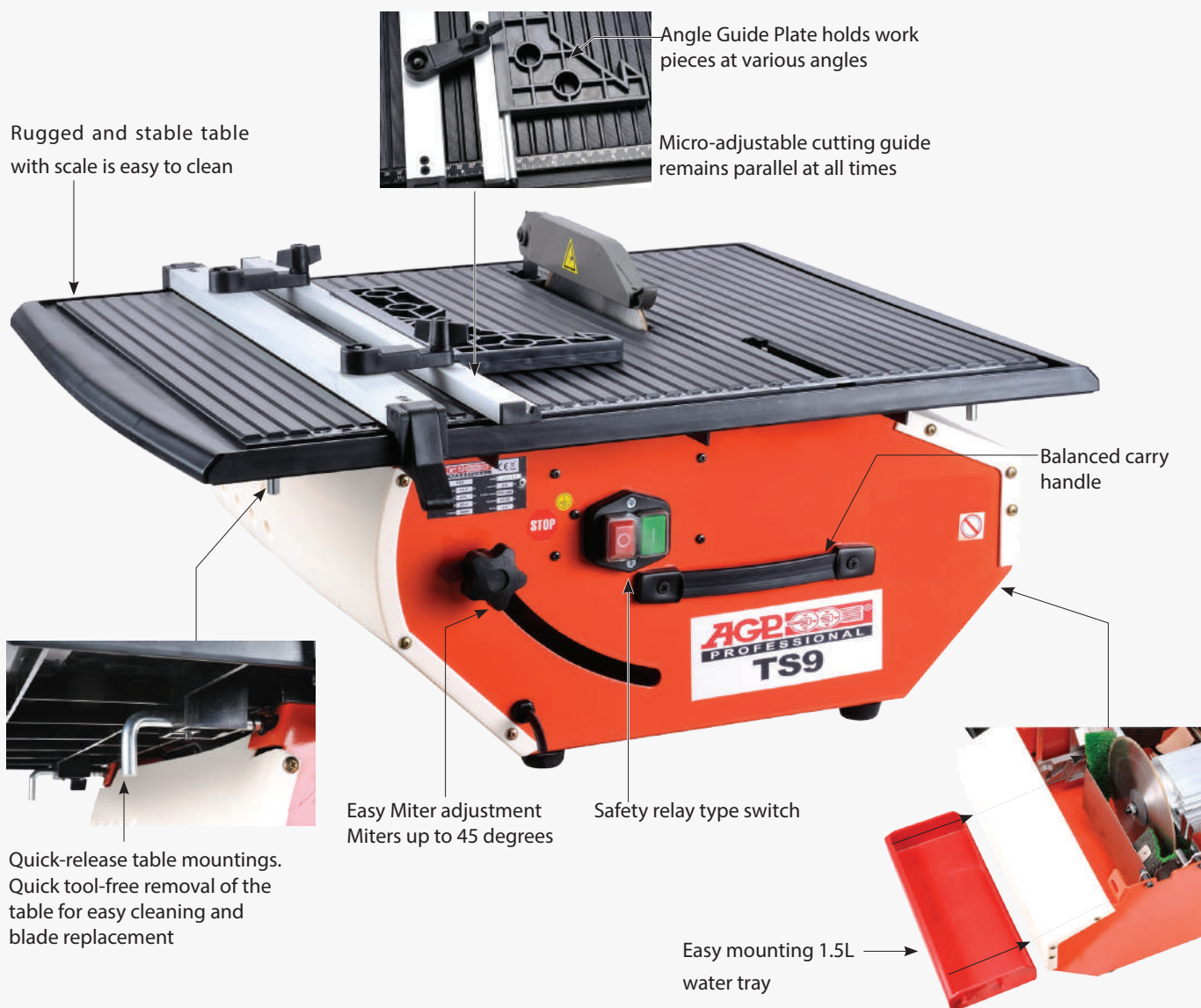
- \* Side handle x1
- \* Hex. Wrench M10 x1
- \* Vacuum Hose End Adaptor x1
- \* Spacers:
  - 49.6mm x 22.2mm x 5mm x2
  - 49.6mm x 22.2mm x 10mm x1
  - 49.6mm x 22.2mm x 12mm x1
  - 49.6mm x 22.2mm x 15mm x1

Model	CS180
Power Input	1800W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
No Load min <sup>-1</sup>	4360
Max. Blade Diameter	180mm (7 in.)
Channel Width	9~51mm (3/8 ~ 2 in.)
Max. Cutting Depth	15~52mm (9/16 ~ 2-3/64 in.)
Soft Start & Overload Protection	With
Dimensions (LxWxH)	410mm x 317mm x 267mm
Net weight	7.7 kg (16.92 Lbs)



## TS9 WET TILE SAW

A 230mm professional grade, high precision wet tile saw with unique water recirculation design. 48mm depth of cut. 45° bevel cut capability.



Model	TS9
Motor Type	Single Phase AC Induction
Power Output	800W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
No Load min-1	3000 (50Hz), 3600 (60Hz)
Max. Blade Diameter	230mm (9")
Blade Bore	25.4mm (1")
Bevel Capability	0-45 deg.
Max. Cutting Depth-straight	48mm (1-7/8")
Max. Cutting Depth- at 45 deg.	37mm (1-7/16")
Rip Cut - Left	305mm (12")
Rip Cut - Left at 45° Bevel	295mm (11-39/64")
Rip Cut - Right	147mm (5-25/32")
Diagonal (Miter) Cut - Left	285mm (11-7/32")
Diagonal Cut - Left at 45° Bevel	275mm (10-13/16")
Front of Blade to Table Edge	200mm (7-7/8")
Protection	IP44
Dimensions (LxWxH)	660mm x 595mm x 320mm
Weight	14.7kg (32.41 Lbs)

# CECB

### STANDARD ACCESSORIES

- \* Diamond Blade x1
- \* Parallel Cutting Guide x1
- \* Angle Guide Plate x1
- \* M8 Combination Wrench x1
- \* M19 Combination Wrench x1

## ■ 125mm (5") DIAMOND CUP WHEELS FOR SM5, G5, SM125. LG125 SERIES



#60/80 Grit 22.2mm (7/8")

305-00072-000-018

#100/120 Grit 22.2mm (7/8")

305-00072-000-020

## ■ REPLACEMENT FLANGES



Outer Flange 22.2mm (7/8") x1

M14 302-04114-901-002

5/8" 302-04114-901-007

Outer Flange 25.4mm (1") x1

M14 302-04114-901-003

5/8" 302-04114-901-008



Inner Flange x1 ((for both 1" & 7/8"))

M14 302-04152-901-001

5/8" 302-04152-901-004

## ■ 180mm (7") DIAMOND CUP WHEELS FOR SM7 SERIES



Diamond Cup Wheel for

Flanges 22.2mm (7/8") x1

305-00072-000-011

Diamond Cup Wheel

for Flanges 25.4mm (1") x1

305-00072-000-013



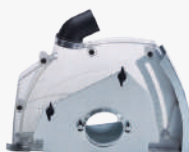
Diamond Cup Wheel with

Female Thread M14 x1

305-00072-000-012

## 9" Dust Collector Saw Cover

**(A type)** Mounting plate fixes to the cover with tool-free T-Knobs. May cause clearance problems for grinders with large gear boxes. If so, use B type.



Clamping size: Part Number

55~60mm 0299-0063-00000-008

70~75mm 0299-0063-00000-009

**(B type)** Mounting plate fixes to the cover with pan head screws for extra clearance with grinders with large gear boxes.

Clamping size: Part Number

55~60mm 0299-0063-00000-015

70~75mm 0299-0063-00000-016

## 5" Dust Collector Saw Cover

**(A type)** Mounting plate fixes to the cover with tool-free T-Knobs. May cause clearance problems for grinders with large gear boxes. If so, use B type.



Clamping size: Part Number

36~40mm 0299-0063-00000-001

40~44mm 0299-0063-00000-002

43~47mm 0299-0063-00000-003

48~51mm 0299-0063-00000-004

**(B type)** Mounting plate fixes to the cover with pan head screws for extra clearance with grinders with large gear box

Clamping size: Part Number

36~40mm 0299-0063-00000-010

40~44mm 0299-0063-00000-011

43~47mm 0299-0063-00000-012

48~51mm 0299-0063-00000-013

## LG125 LONG-REACH CONCRETE GRINDER

125mm long reach grinder for grinding and polishing concrete



Model	LG125
Power Input	1200W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
*No Load min <sup>-1</sup>	1700-3500
Length	1475 mm
Max. Capacity	125 mm
Arbor	22.23mm (7/8") or 25.4mm (1")
Spindle	M14 or 5/8 -11
Soft Start & Overload Protection	With
Dimensions (LxWxH)	1475mm x 197mm x 365mm
Net Weight	3.8 kg (8.38 Lbs) ( Not including Diamond Cup Wheel)

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

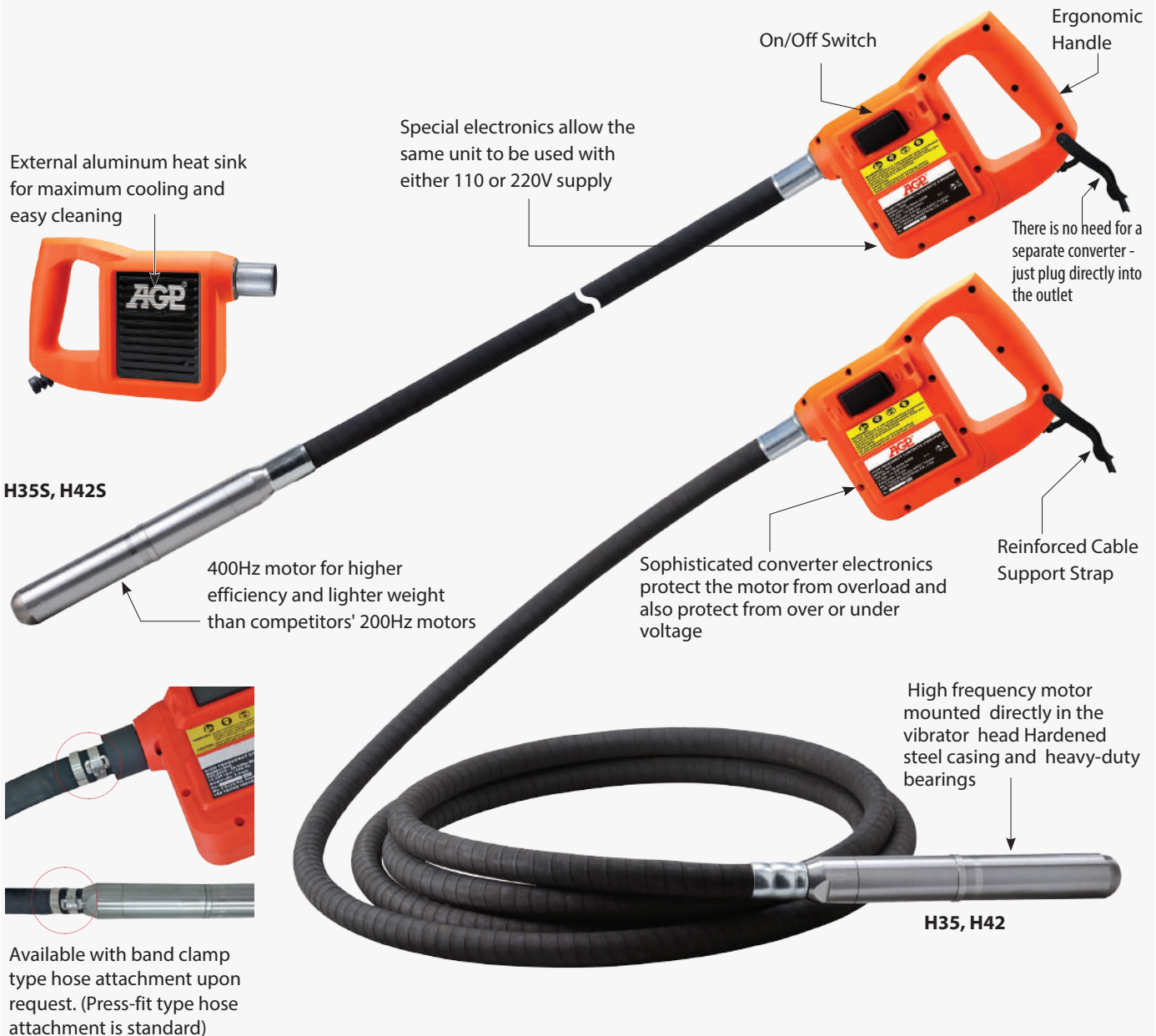


### STANDARD ACCESSORIES

- \* Vacuum Hose 4M x1
- \* Carry Bag x1
- \* Bail Handle x1
- \* Face Spanner Wrench-78mm x1
- \* M17 Wrench x1
- \* Hex Key M6 x1
- \* 125mm Diamond Cup Wheel x1

## H35, H35S, H42, H42S HIGH FREQUENCY INTEGRATED CONCRETE VIBRATORS

High performance and durable high frequency concrete vibrators with integrated converter for the fastest possible concrete compaction. Excellent for challenging situations like moving a stiff mix into corners and around rebar. Available in long and short hose lengths giving maximum versatility.



Model	H35S	H35	H42S	H42
Voltage	100-250V~ 50-60Hz			
Vibration Rate	13,500 vpm	13,500 vpm	12,500 vpm	12,500 vpm
Power Input	1000W	1000W	1200W	1200W
Motor Frequency	400Hz			
Centrifugal Force	1301N	1301N	2489N	2489N
Vibrator Head Size	ø35mm x 314mm	ø35mm x 314mm	ø42mm x 300mm	ø42mm x 300mm
Hose Size	ø30mm x 0.85m	ø30mm x 6m	ø36mm x 0.85m	ø36mm x 6m
Protection	IP X7			
Protection Class	Class I			
Switch box Dimensions (LxWxH)	250mm x 60mm x 170mm			
Net Weight	4.1kg (9.02Lbs)	7.4kg (16.28Lbs)	5.28kg (11.62Lbs)	9.5kg (20.9Lbs)

### STANDARD ACCESSORIES

PRCD / GFCI Interrupter x1

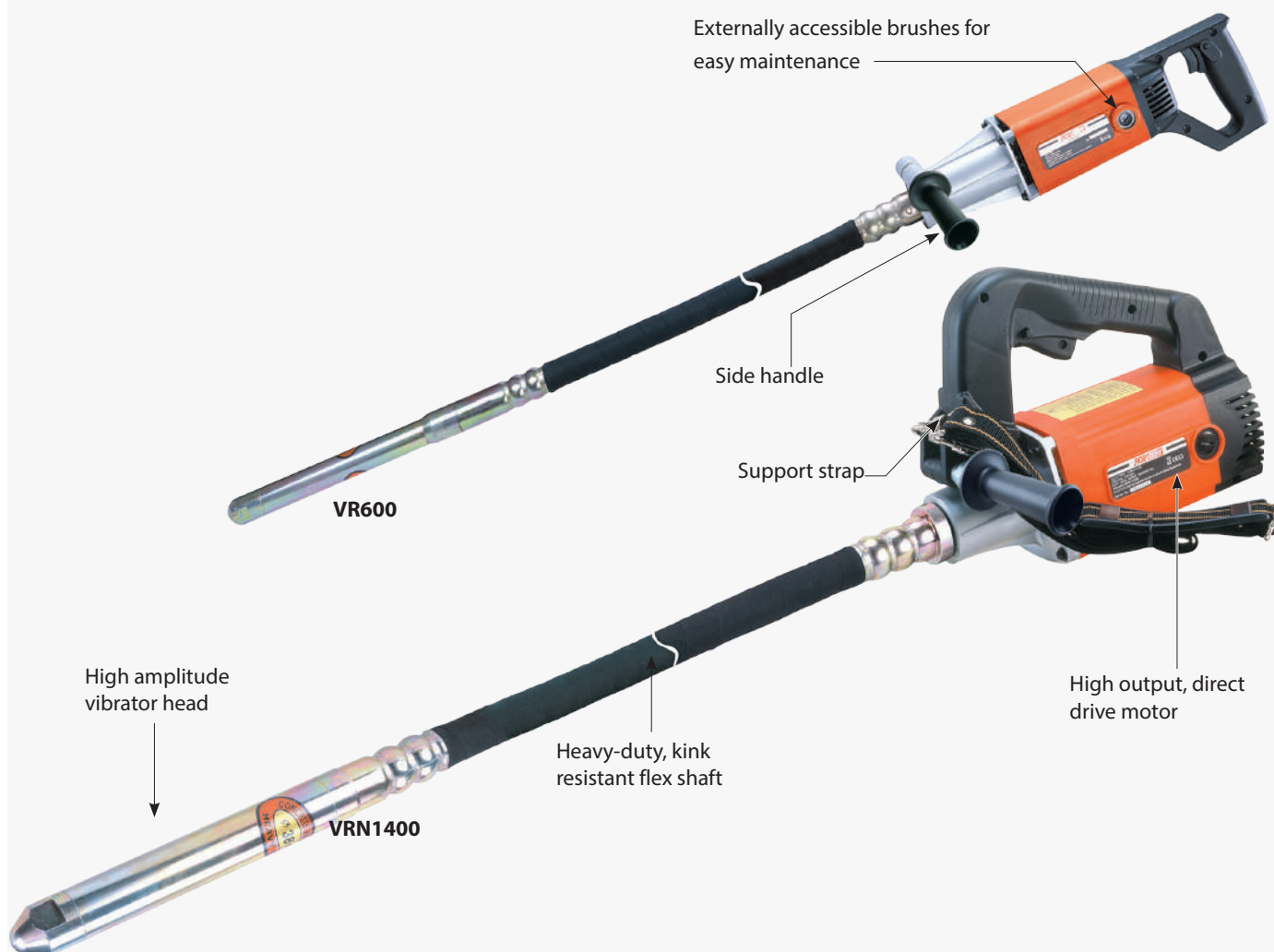
### OPTIONAL ACCESSORIES

- \* Custom hose lengths available according to customer request
- \* Band clamp type hose attachment available according to customer request



## VR600 & VRN1400 CONCRETE VIBRATORS - CABLE DRIVEN

Compact cable driven vibrators with universal motor for concrete compaction



### OPTIONAL ACCESSORIES:

#### ■ Concrete Vibrator Shafts - Flexible Type

(Please indicate desired shaft when ordering.)

#### For VR600

Dia. ø30mm x 1020mm(M40 x P1.5)	305-00077-000-008
Dia. ø30mm x 1800mm(M40 x P1.5)	305-00077-000-009

#### For VRN1400

Dia. ø30mm x 1020mm(M42 x P1.5)	305-00077-000-001
Dia. ø30mm x 1800mm(M42 x P1.5)	305-00077-000-002
Dia. ø30mm x 3020mm(M42 x P1.5)	305-00077-000-003
Dia. ø39mm x 1000mm(M42 x P1.5)	305-00077-000-004
Dia. ø39mm x 1780mm(M42 x P1.5)	305-00077-000-005
Dia. ø39mm x 3000mm(M42 x P1.5)	305-00077-000-006



### STANDARD ACCESSORIES

#### VR600:

\* Side Handle x1

#### VRN1400:

\* Side Handle x1

\* Support Strap x1

Model	VR600	VRN1400
Power Input	3A (220-240V), 5.5A (110-120V)	8.4A (220-240V), 14.8A (110-120V)
Power Output	330W	1200W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
No Load min <sup>-1</sup>	20,000	16,000
Vibration Rate	14,000 vpm	11,000 vpm
Applicable Vibrator Shaft Types	AZ017, AZ013	AZ013, AZ014, AZ015, AZ017, AZ018, AZ019
Soft Start	Without	With
Dimensions (LxWxH) (Motor unit only)	375mm x 270mm x 160mm	290mm x 234mm x 243mm
Net Weight (Motor unit only)	2.5kg (5.51 Lbs)	4.2kg (9.26 Lbs)

## HS225 HAND-HELD DRYWALL SANDER

1200W sander uses 225mm (10") mesh sanding discs for clog-free sanding



Plastic Carry Case  
572mm x 362mm x 238mm  
0299-0075-00100-004



Bayonet Adaptor End



Model	HS225
Power Input	1200W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
* No Load min <sup>-1</sup>	650 - 1450
Sanding Disc Diameter	225mm
Soft Start	With
Dimensions (LxWxH)	515mm x 258mm x 214mm
Net Weight	3.0 kg (6.61 Lbs)

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

### STANDARD ACCESSORIES

\* Bayonet Adaptor End  
(for connecting to your vacuum hose ) x1

## GS9FSE, GS9FE DRYWALL SANDER

A light weight and balanced sander, with pivoting sanding head and effective dust control.



Model	GS9FSE	GS9FE
Power Input	550W	550W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz	
No Load min <sup>-1</sup>	650 - 1800	650 - 1800
Full Load min <sup>-1</sup>	380 - 950	380 - 950
Grinding Disc	ø225 mm (8-7/8 in.)	ø225 mm (8-7/8 in.)
Soft Start	With	With
Dimensions (LxWxH)	1058mm x 260mm x 310mm	1580mm x 260mm x 350mm
Net Weight	3.8 kg (8.38 Lbs)	4.7 kg (10.36 lbs )

### STANDARD ACCESSORIES

- \* Vacuum Hose 4M x1
- \* Bail Handle x1
- \* Carry Bag x1
- \* Velcro Strap x1

### OPTIONAL ACCESSORIES

- \* Hose Protector x1
- \* Overload Protection

## DRYWALL SANDER OPTIONAL ACCESSORIES

### ■ 225mm 9" Fabric Mesh Dustless Sanding Discs x1

Designed specifically for use with our Drywall Sanders for truly dust-free sanding. Anti-clog and very long-lasting. (25 pcs / pack)



#### Grit

#60	305-00183-000-002
#80	305-00183-000-003
#100	305-00183-000-004
#120	305-00183-000-005
#150	305-00183-000-006
#180	305-00183-000-007
#220	305-00183-000-008



Hook & Loop Sponge Pad x1  
Black-White (one side loop-one side hook)  
W/ 6 Holes  
**303-02008-004-001**

White-White (both sides hook)  
W/ 6 Holes  
**303-02008-004-002**



Vacuum Hose 4M  
W/ Bayonet Adaptor x1  
**0203-0007-00004-001**



Bail Handle for GS9FE x1  
**0203-0050-00004-001**



Velcro Straps for securing the cable  
to the hose x1  
**305-00150-000-002**



Hose Protector x1  
**0299-0091-00000-001**



Carry Bag for GS9FE x1  
**308-01001-149-003**

Carry Bag for GS9FSE x1  
**308-01001-149-008**



## SB9 BRUSHLESS DRYWALL SANDER

Ultra-light, super-efficiency, 225 mm drywall sander for maximizing productivity with minimum fatigue. Maintenance-free design.



### STANDARD ACCESSORIES

- \* Carry Bag x1
- \* Velcro Strap x1
- \* Hook & Loop Sponge Backing Pad x 1

### OPTIONAL ACCESSORIES

- \* 225 mm Mesh Dustless Sanding Discs - various grits
- \* Vacuum Hose 4M w/ Bayonet Adaptor

Model	SB9
Power	450 W
Voltage	220 - 240 V ~ 50 - 60 Hz or 110 - 120 V ~ 50 - 60 Hz
No Load min <sup>-1</sup>	1000-1600
Sanding Disc	ø225 mm (8-7/8 in.)
Soft Start	With
Dimensions (LxWxH)	1430 mm x 254 mm x 157 mm
Net Weight	2.8 kg (6.17Lbs)

**EV32 - 105mm**  
**EV42 - 120mm**  
**ELECTRIC MIXERS**

**EV52 - 140mm**  
**EV160 - 160mm**

Electric mixers with revolutionary ergonomic design and sturdy mechanicals.





**EV32**

**EV42**

**EV52**

**EV160**



Model	EV32	EV42	EV52	EV160
Power Input	800W	1100W	1300W	1600W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz			
No Load min <sup>-1</sup>	750	250-700	150-400 / 250-700	180-350 / 280-550
N-m (Low Gear / High Gear)	6.0	11.0	27.4 / 17.3	42.7 / 29.9
Number Of Gears	1	1	2	2
Amps (110V)	7.20	10.00	10.90	14.50
Amps (230V)	3.60	4.80	5.20	7.00
Thread For Fixing The Tool	M14 x P2.0	M14 x P2.0	M14 x P2.0	M14 x P2.0
Mixing Paddle (Max.)	105mm (4-1/8 in.)	120mm (4-11/16 in.)	140mm (5-1/2 in.)	160mm (6-5/16 in.)
Electronic Speed Control	N/A	With	With	With
Dimensions (LxWxH) (Motor unit only)	322mm x 250mm x 190mm	322mm x 312mm x 190mm	345mm x 322mm x 190mm	350mm x 322mm x 190mm
Net Weight	2.9 kg (6.39Lbs)	3.6 kg (7.94Lbs)	4.1kg (9.04Lbs)	5.6kg (12.35 Lbs)

### STANDARD ACCESSORIES

- \* Wrench 22mm x1
- \* Mixing Paddle with 2 Helix x1
- \* Soft Start on models EV42, EV52 & EV160

### OPTIONAL ACCESSORIES

- \* Mixing Paddles (See p.105)

## EV10ELM MIXER

## EVP180 & EV21 1/2"DRILL / MIXERS

Trigger Switch With  
Variable Speed

Sponge Grip

Tubular Steel Handle

EV10ELM

Mixing Paddle



EVP180



EV21

### OPTIONAL ACCESSORIES :



Use hex shank paddle with the chuck or M14 shank paddle with the M14 adaptor



Model	EV10ELM	EVP180	EV21
Power Input	1100W	1100W	1100W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz		
No Load min <sup>-1</sup>	0~750	750	800
N-m	12.6	12.6	12.6
Gear	1 Speed	1 Speed	1 Speed
Spindle Thread	M14xP2.0	1/2"-20 UNF	1/2"-20 UNF
Max. Mixing Paddle Diameter	120mm(4-11/16")	120mm (4-11/16")	120mm (4-11/16")
Drilling Capacity	Steel N/A	13mm (1/2")	13mm (1/2")
	Wood N/A	35mm (1-3/8")	35mm (1-3/8")
Switch	Variable Speed	Single Speed	Single Speed
Handle	Tubular Steel	N/A	N/A
Dimensions (LxWxH) (Motor unit only)	475mm x 380mm x 225mm	390mm x 100mm x 130mm	300mm x 95mm x 410mm
Net Weight	4.8kg (10.58 Lbs)	3.1kg (6.83 Lbs)	2.9kg (6.39 Lbs)

### STANDARD ACCESSORIES

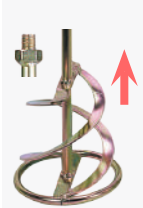
- \* Wrench M22 (EV10ELM Only) x1
- \* Wrench M13 (EV10ELM only) x1
- \* M6 L-Hex Key(EV10ELM only) x1
- \* M14 Adaptor (EVP180, EV21 only) x1
- \* 13mm Chuck & Chuck Key x1 (EVP180, EV21 only)

### OPTIONAL ACCESSORIES

- \* Mixing Paddles (See p.103)
- \* Variable Speed Switch (EV10ELM only)
- \* Soft Start (EV21 only)



## MIXING PADDLES OPTIONAL ACCESSORY SPECIFICATIONS

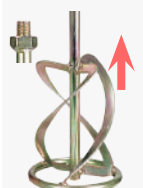


 **Hex.**  **M14**

Description	Diameter	Length	Mount	Part Number
TT Series 2 Helix (General Purpose ), Suitable for a wide range of uses.	120mm	575mm	M14	302-04155-905-001
	140mm	590mm	M14	302-04155-905-011
	160mm	590mm	M14	302-04155-905-004



TV Series 2 Helix (General Purpose), Like the TT series .	90mm	400mm	Hex.	302-04155-905-003
	120mm	590mm	Hex.	302-04155-905-015



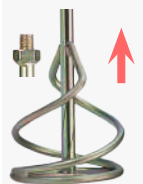
TU Series 3 Helix (High Viscosity) Positive Twist (Pulls from the bottom up) For the highest viscosity materials.	120mm	590mm	M14	302-04155-905-007
	140mm	590mm	M14	302-04155-905-012
	160mm	590mm	M14	302-04155-905-008



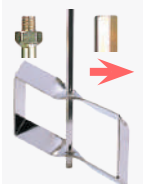
TS Series 3 Helix (High Viscosity, Negative Twist (Pushes from the top down). Anti-splash effect.	120mm	590mm	M14	302-04155-905-018
	140mm	590mm	M14	302-04155-905-019
	160mm	590mm	M14	302-04155-905-009



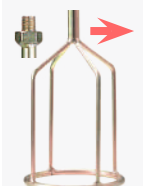
Double Mixer-Left Hand	125mm	650mm	Hex. Quick Release	302-04155-905-006
Double Mixer-Right Hand	125mm	650mm	Hex. Quick Release	302-04155-905-005



Round Bar 2 Helix (Low Load- High Speed)	105mm	575mm	M14	302-04155-905-002
--	-------	-------	-----	-------------------



Gate Type- (Low-Speed) Hex	6"	29"	Hex.	302-04155-905-013
Gate Type- (Low-Speed) M14	6"	29"	M14	302-04155-905-014



Anti-stick paddle. Excellent for avoiding lumps when mixing fine powders	120mm	630mm	M14	302-04155-905-016
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Stainless steel, suitable for food processing.	125mm	650mm	M14	302-04155-905-017
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## SP2500 ROTARY POLISHER

A 180mm rotary polisher suited to a wide range of tasks from compounding to polishing to buffing. It can also be used as a high torque-low speed sander



### STANDARD ACCESSORIES

- \* Side Handle x1
- \* M17 Wrench x1

Model	SP2500
Power Input	900W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
No Load min <sup>-1</sup>	900-2500
Spindle	M16 (other sizes upon request)
Max. Recommended Pad Diameter	180mm (7")
Dimensions (LxWxH)	240mm x 212mm x 230mm (Not Including Polishing Pad)
Net Weight	2.2kg (4.85 Lbs)

## SP4000 ROTARY SANDER

A 150mm rotary sander suited to a wide range of sanding tasks on wood, paint, varnish, plastics, fiberglass and others.



Model	SP4000
Power Input	900W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
No Load min <sup>-1</sup>	2000-4200
Spindle	M16 (other sizes upon request)
Max. Recommended Pad Diameter	150mm (6")
Dimensions (LxWxH)	240mm x 212mm x 230mm (Not Including Sanding Pad)
Net Weight	2.1kg (4.63 Lbs)

### STANDARD ACCESSORIES

- \* Side Handle x1
- \* M17 Open End Wrench x1

## GP255 COMPOUND MITER SAW & GP255S SLIDE COMPOUND MITER SAW

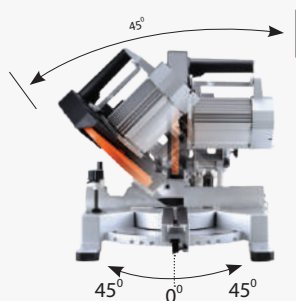
10" miter saws with AC induction motor.  
60mm x 100mm cross cut capacity for the GP255.  
60mm x 300mm for the GP255S with slide action.



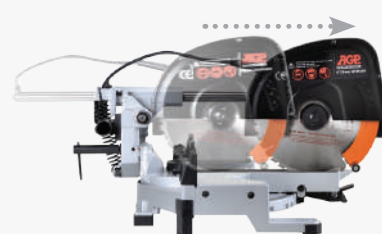
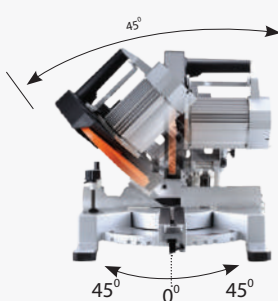




GP255



GP255S



Model	GP255 (Non-Slide)
Power Input	1600 W
Voltage	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
No Load min <sup>-1</sup>	3000 (50 Hz), 3600 (60 Hz)
Bevels	0 to 45 Degrees
Miters	0 to 45 Degrees Left and Right
Blade	254 mm (10 ")
Arbor	30 mm (1-3/16 ") or 25.4 mm (1 ") ( Specify when ordering)
Base Dimensions	460 X 450mm
Cutting Capacities	90 Degree Miter: 100 mm x 60mm (4 x 2-3/8 ") 45 Degree Miter: 76 mm x 60mm (3 x 2-3/8 ")
Dimensions (LxWxH)	564 mm x 490 mm x 505 mm
Net Weight	18.5 kg (40.79 Lbs)

#### STANDARD ACCESSORIES

- \* TCT Saw Blade x1  
(Bore 30mm Negative Deg. x1  
or Bore 25.4mm Positive Deg.) x1
- \* Hex. Wrench M6 x1
- \* Lock Bar x1
- \* M10 Open End Wrench x1
- \* M12 Bevel Lock Lever x1
- \* M24/27 Open-End Wrench x1
- \* Flat Washer x1

#### OPTIONAL ACCESSORIES

- \* Other types of TCT Saw Blade (See p.37)
- \* Motor Brake (Includes Lock  
Nut Wrench and Hex.  
Wrench M6) x1
- \* Vise Set x1
- \* Vacuum Port x1

Model	GP255S (Slide)
Power Input	1600 W
Voltage	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
No Load min <sup>-1</sup>	3000 (50 Hz), 3600 (60 Hz)
Bevels	0 to 45 Degrees
Miters	0 to 45 Degrees Left and Right
Blade	254 mm (10 ")
Arbor	30 mm (1-3/16 ") or 25.4 mm (1 ") ( Specify when ordering)
Base Dimensions	460 X 450mm
Cutting Capacities	90 Degree Miter : 300 mm x 60 mm (11-13/16 x 2-3/8 ") 45 Degree Miter : 212 mm x 60mm (8-3/8 x 2-3/8 ")
Dimensions (LxWxH)	670 mm x 490 mm x 505 mm
Net Weight	19.5 kg (43 Lbs)

#### STANDARD ACCESSORIES

- \* TCT Saw Blade x1  
(Bore 30mm Negative Deg.  
or Bore 25.4mm Positive Deg.)
- \* Vise Set x1
- \* Motor Brake (Includes Lock Nut  
Wrench and Hex. Wrench M6) x1
- \* Vacuum Port x1
- \* M10 Open End Wrench x1
- \* M12 Bevel Lock Lever x1
- \* M24/27 Open-End Wrench x1
- \* Hex. Head Screw x1
- \* Flat Washer x1
- \* Plastic Head Screw x1

#### OPTIONAL ACCESSORIES

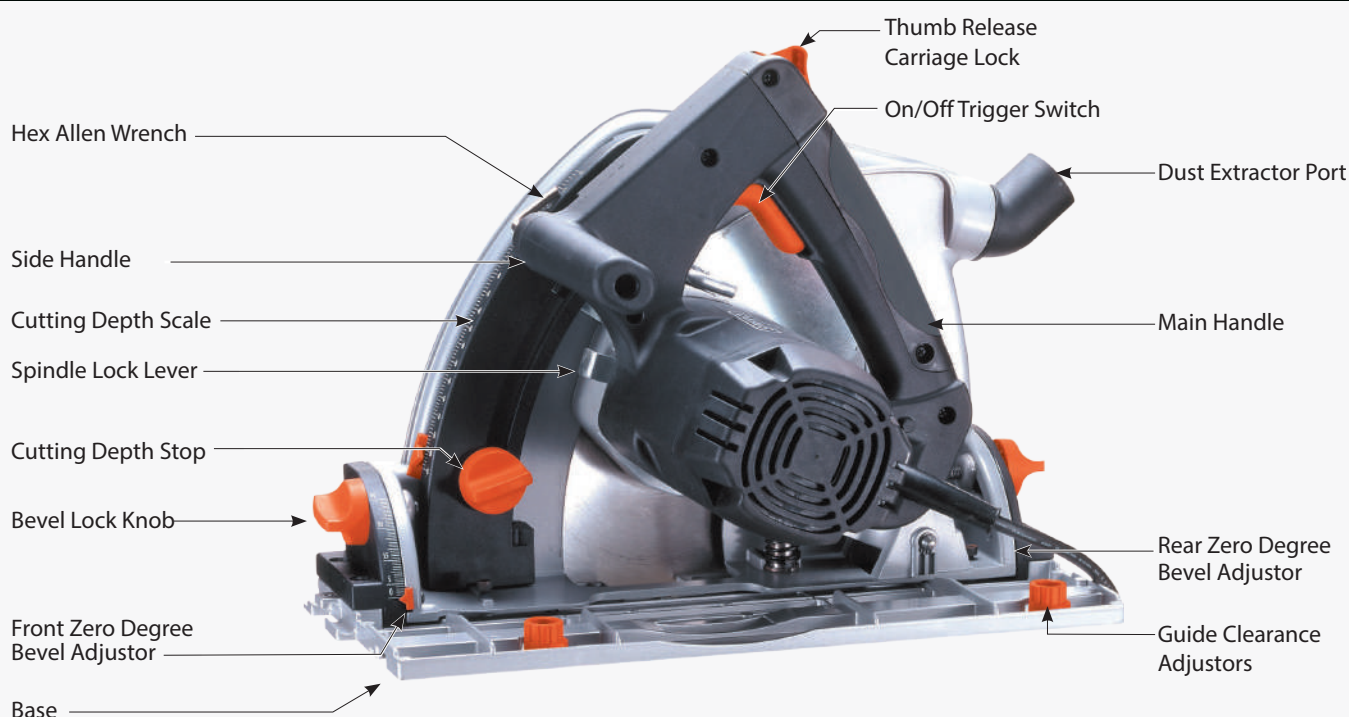
- \* Other types of TCT Saw Blade (See p.37)
- \* Extension Bar Set x 1 Pair



Extension Bar Set  
302-04218-902-001

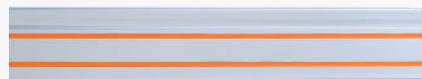
## DS1600 PLUNGE CUT CIRCULAR SAWS

160mm plunge cut saws with 55mm depth of cut respectively. Outstanding accuracy and control when used in conjunction with the optional guide rail.



### 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.



Aluminum Guide Rails 174mm x 1400mm  
Aluminum Guide Rails 174mm x 800mm



Plastic Carry Case

### Plastic Carry Case

#### Outer Dimensions

352mm x 257mm x 312mm(H)

#### Application

DS1600

0299-0075-00100-009



Outer Safety Cover



Guide Rail Connector

0299-0106-00000-001



Lever Clamp

305-00179-000-001



overload protection



Soft Start



Model	DS1600
Power Input	1150W
Voltage	220-240V~ 50-60Hz or 110-120V~ 50-60Hz
No Load min <sup>-1</sup>	5500
Bevel Capability	0 - 45 deg.
Max. Blade Diameter	160mm (6-1/4 in.)
Available Arbor Hole Diameters*	20mm (Specify when ordering)
Max. cutting Straight	55mm (2-3/16 in.)
Depth 45 Deg. Bevel	35mm (1-3/4 in.)
Soft Start & Overload Protection	With
Dimensions (LxWxH)	322mm x 228mm x 266mm
Net Weight	4.8 kg (10.58 Lbs)

### STANDARD ACCESSORIES

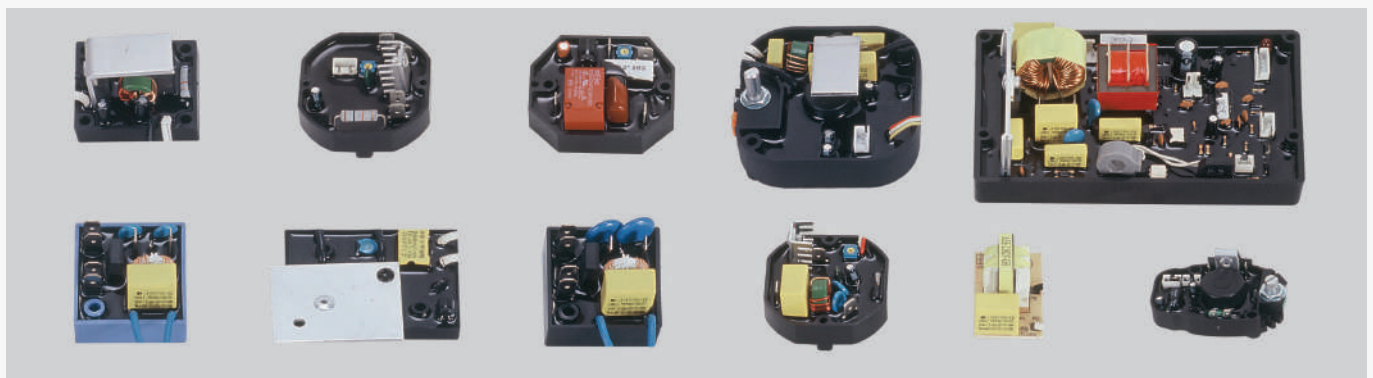
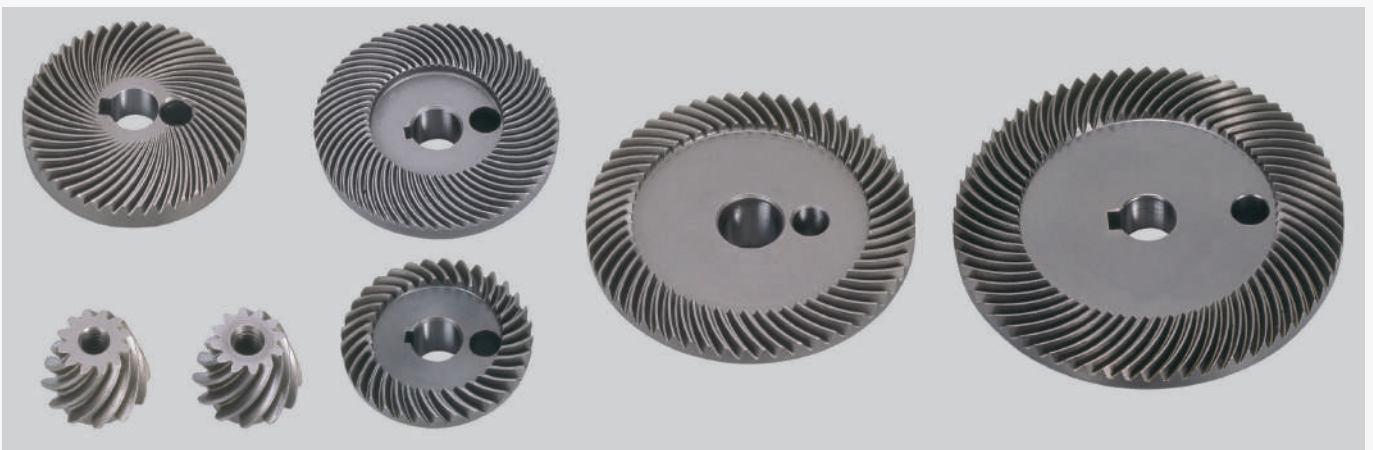
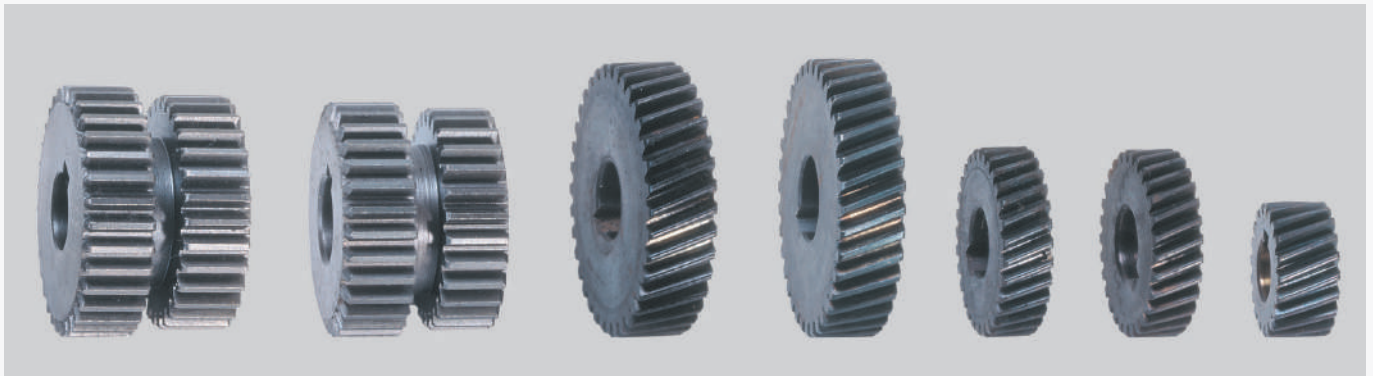
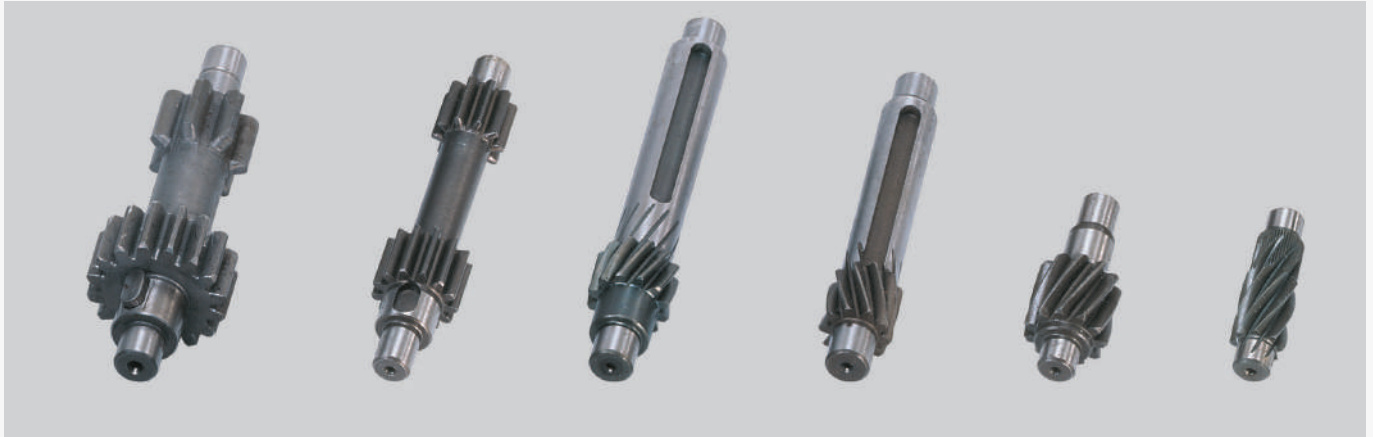
- \* Hex. Wrench M5 x1
- \* TCT Saw Blade (See p.37)

### OPTIONAL ACCESSORIES

- \* Guide Rail
- \* Guide Rail Connector
- \* Lever Clamp

## GEAR MACHINING & ELECTRONICS BOARDS

We at AGP are proud of our gear machining and PC board department and welcome inquiries for a CM (contract manufacturer) basis. We have long experience with both ODM and OEM manufacturing.









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