



**AGP<sup>®</sup>**

**2025  
EUROPE  
PRODUCT  
CATALOG  
CONSTRUCTION**



### **Our History**

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

### **Interesting Fact**

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

### **BRAND VISION**

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

### **BRAND MISSION**

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



### **R&D Capabilities**

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

### **Consistent High Quality and Flexibility**

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

### **Responsive and Problem Solving**

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

### **Global Service**

AGP customers can receive their products quickly, safely and smoothly, thanks to the close collaboration with our distribution network in various countries. Find high quality power tools and receive any necessary service or repairs from our official distributors.



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### Key to symbols used this catalog:



Overload Protection



Soft Start



Double Insulation (Class II)



Number of Gears



Variable Speed



Forward & Reverse



Constant Speed



Plastic Carry Case



Blow Molded Case



**DIAMOND CONCRETE SAW**

# C14 CONCRETE SAW

355 mm (14") handheld wet or dry diamond saw with 2800 W motor for up to 125 mm depth of cut. Ideal for indoor cutting.



### ■ Dry Cutting With Dust Skid (Optional)

With spring-loaded suspension for ideal dust containment when dry cutting

Dry cutting dust skid details see P.10



Model	C14
Power Input	2300 W (110-120 V), 2800 W (220 V), 3000 W (230-240 V)
Voltage, Frequency	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
No Load Speed	4500 /min
Linear speed with 14" blade	54.3 m/s
Blade Diameter	355 mm (14")
Arbor	25.4 mm (1")
Max. Cutting Depth	125 mm (5")
Soft Start & Overload Protection	With
Insulation Class	Class I with PRCD
Dimensions (LxWxH)	611 x 245 x 280 mm
Weight	8.0 kg (17.6 lb) 8.4 kg (18.5 lb) with guide rollers
Characteristics / Certification	

### Features

1. LED Indicator Indicates load conditions (electronic & thermal protection).
2. Integrated water feed system with fine adjustable flow and quick release coupling.
3. Tool-free detachable guide rollers for perpendicular cuts and reduced operator fatigue.
4. Tool-free detachable splash guard.
5. Tool-free blade guard angle adjustment. Handles designed for optimal control.
6. Vacuum port for dust or slurry collection with cap.
7. Quick removable brush for slurry.
8. Externally accessible brushes.

**Standard/Optional Accessori See P.21**

# C16 CONCRETE SAW

405 mm (16") handheld wet or dry diamond saw with 3200 W motor for up to 150 mm depth of cut. Ideal for indoor cutting.



### ■ Dry Cutting With Dust Skid (Optional)

With spring-loaded suspension for ideal dust containment when dry cutting

Dry cutting dust skid details see P.10

### ■ Flush Cutting (Optional)

Flush cutting details see P.10



### Features

1. LED Indicator Indicates load conditions (electronic & thermal protection).
2. Integrated water feed system with fine adjustable flow and quick release coupling.
3. Tool-free detachable guide rollers for perpendicular cuts and reduced operator fatigue.
4. Tool-free detachable splash guard.
5. Tool-free blade guard angle adjustment. Handles designed for optimal control.
6. Vacuum port for dust or slurry collection with cap.
7. Quick removable brush for slurry.
8. Externally accessible brushes.

Model	C16
Power Input	220 V: 2700 W (certificate), 3200 W (actual) 110 V: 2300 W (certificate), 3000 W (actual)
Voltage	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
No Load RPM	3900/min
Linear speed with 16" blade	53.7 m/s
Blade Diameter	405 mm (16")
Arbor	25.4 mm (1")
Max. Cutting Depth	150 mm (6")
Soft Start & Overload Protection	With
Protection Class	Class I, (220 V models with PRCD)
Dimensions (LxWxH)	660 x 259 x 280 mm
Weight	9.7 kg (21.4 lb) 10.2 kg (22.5 lb) with guide rollers
Characteristics / Certification	 <small>only 220V    only 220V</small>

Standard/Optional Accessories See P.21

# C406 HIGH FREQUENCY CONCRETE SAW

406 mm (16") concrete saw with 6500 W high frequency permanent magnet synchronous motor for up to 150 mm depth of cut. Flush cut capability.



■ **Flush Cutting (Optional)**



Flush cutting details see P.10

High Frequency Power Converter



P8K Details See P.20

Model	C406	
Power Input	3Ø~380-480 V 1Ø~200-240 V	6500 W 3600 W (16 A), 5500 W (32 A)*
No Load RPM**	3900/min	
Linear speed with 16" blade	82.9 m/s	
Blade Diameter	406 mm (16")	
Arbor	25.4 mm (1")	
Max. Cutting Depth	150 mm (6")	
Soft Start & Overload Protection	With	
Cable Length	6 M	
Dimensions (LxWxH)	780 x 260 x 300 mm	
Weight	10.5 kg (23.1 lb)	
Characteristics / Certification		

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

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

**Features**

1. LED Indicator Indicates load conditions (electronic & thermal protection).
2. Constant speed is maintained regardless of load.
3. Integrated water feed system with fine adjustable flow and quick release coupling.
4. Tool-free detachable guide rollers for perpendicular cuts and reduced operator fatigue.
5. Tool-free detachable splash guard.
6. Tool-free blade guard angle adjustment.
7. Hall Effect Switch is completely waterproof and dustproof.
8. Handles designed for optimal control.
9. Quick removable brush for slurry.

**Standard/Optional Accessories See P.21**



# C18 HIGH FREQUENCY CONCRETE SAW

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



## ■ Flush Cutting (Optional)



Flush cutting details see P.10

High Frequency Power Converter



■ P8K

P8K Details See P.20

## Features

1. LED Indicator Indicates load conditions (electronic & thermal protection).
2. Constant speed is maintained regardless of load.
3. Integrated water feed system with fine adjustable flow and quick release coupling.
4. Tool-free detachable guide rollers for perpendicular cuts and reduced operator fatigue.
5. Tool-free detachable splash guard.
6. Tool-free blade guard angle adjustment.
7. Hall Effect Switch is completely waterproof and dustproof.
8. Handles designed for optimal control.

Model	C18	
Power Input	3Ø~380-480 V	6500 W
	1Ø~200-240 V	3600 W (16 A), 5500 W (32 A)*
No Load RPM**	2800/min	
Linear speed with 18" blade	67.0 m/s	
Blade Diameter	457 mm (18")	
Arbor	25.4 mm (1")	
Max. Cutting Depth	175 mm (6")	
Soft Start & Overload Protection	With	
Cable Length	6 M	
Dimensions (LxWxH)	810 x 260 x 310 mm	
Weight	11.6 kg (25.5 lb)	
Characteristics / Certification		

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

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

**Standard/Optional Accessories See P.21**

▪ **Flush Cutting (Optional on C16, C406, C18)**

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)**



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



**Flush Cutting Blade**

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



**Flush Cut Cover Set**

For enhanced safety when flush cutting

▪ **Dry Cutting With Dust Skid (Optional on C14, C16)**

With spring-loaded suspension for ideal dust containment when dry cutting.



(14" for C14)



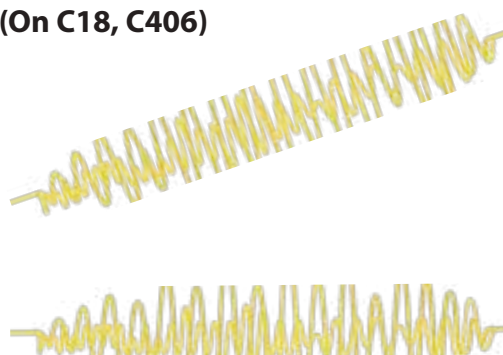
(16" for C16)



▪ **High Frequency Brushless Motor (On C18, C406)**



P8K Power Converter



# Features

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## Toggle Latches

Blade Guard with Toggle Latches for quick conversion to Flush cutting



## LED Indicator

LED Indicator Indicates load conditions (electronic & thermal protection).



## Blade Guard

Tool-free blade guard angle adjustment. Handles designed for optimal control.



## Guide Rollers

Tool-free detachable guide rollers for perpendicular cuts and reduced operator fatigue.



## Splash Guard

Tool-free detachable splash guard.



## Vacuum Port

Vacuum port for dust or slurry collection with cap.



# R13 RING SAW

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



## Features

1. Patented One Step Drive Tensioner makes fast and easy blade adjustment and keeps tension equalized.
2. Change saw blade quickly and without disassembly of the cover.
3. High Stability Guide Roller design keeps the blade stable and centralized when beginning the cut.
4. LED Indicator Indicates load conditions (electronic & thermal protection).
5. Flexible upper and bottom splash guards prevent splashing slurry.
6. Hall Effect Switch is completely waterproof and dustproof.
7. Water feed system with fine adjustable flow and quick release coupling.
8. Externally accessible brushes.

Model	R13
Power Input	230-240 V : 3200 W (16 A), 220V : 3000 W (16 A), or 110-120V:2800W(25 A)
Voltage	220-240 V~ 50-60 Hz
No Load RPM	3900/min
Linear speed	49.2 m/s
Blade Diameter	330 mm (13")
Max. Cutting Depth	220 mm (8.7")
Soft Start & Overload Protection	With
Protection Class	Class I, (220 V models with PRCD)
Dimensions (LxWxH)	730 x 280 x 450 mm
Weight	12.4 kg (27.3 lb)(Not incl. blade)
Characteristics / Certification	

**Standard/Optional Accessories See P.22**

# R16 HIGH FREQUENCY RING SAW

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



High Frequency Power Converter



P8K Details See P.20

## Features

1. Patented One Step Drive Tensioner makes fast and easy blade adjustment and keeps tension equalized.
2. Change saw blade quickly and without disassembly of the cover.
3. High Stability Guide Roller design keeps the blade stable and centralized when beginning the cut.
4. LED Indicator Indicates load conditions (electronic & thermal protection).
5. Flexible upper and bottom splash guards prevent splashing slurry.
6. Hall Effect Switch is completely waterproof and dustproof.
7. Water feed system with fine adjustable flow and quick release coupling.

Model	R16	
Power Input	3Ø~380-480 V 1Ø~200-240 V	6500 W 3600 W (16 A), 5500 W (32 A)*
No Load RPM**	2500 /min	
Linear speed	53 m/s	
Blade Diameter	400 mm (15 - 3/4")	
Max. Cutting Depth	300 mm (11-13/16")	
Soft Start & Overload Protection	With	
Cable Length	6 M	
Dimensions (LxWxH)	830 x 240 x 460 mm	
Weight	13 kg (28.6 lb)	
Characteristics / Certification		

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

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

**Standard/Optional Accessories See P.22**

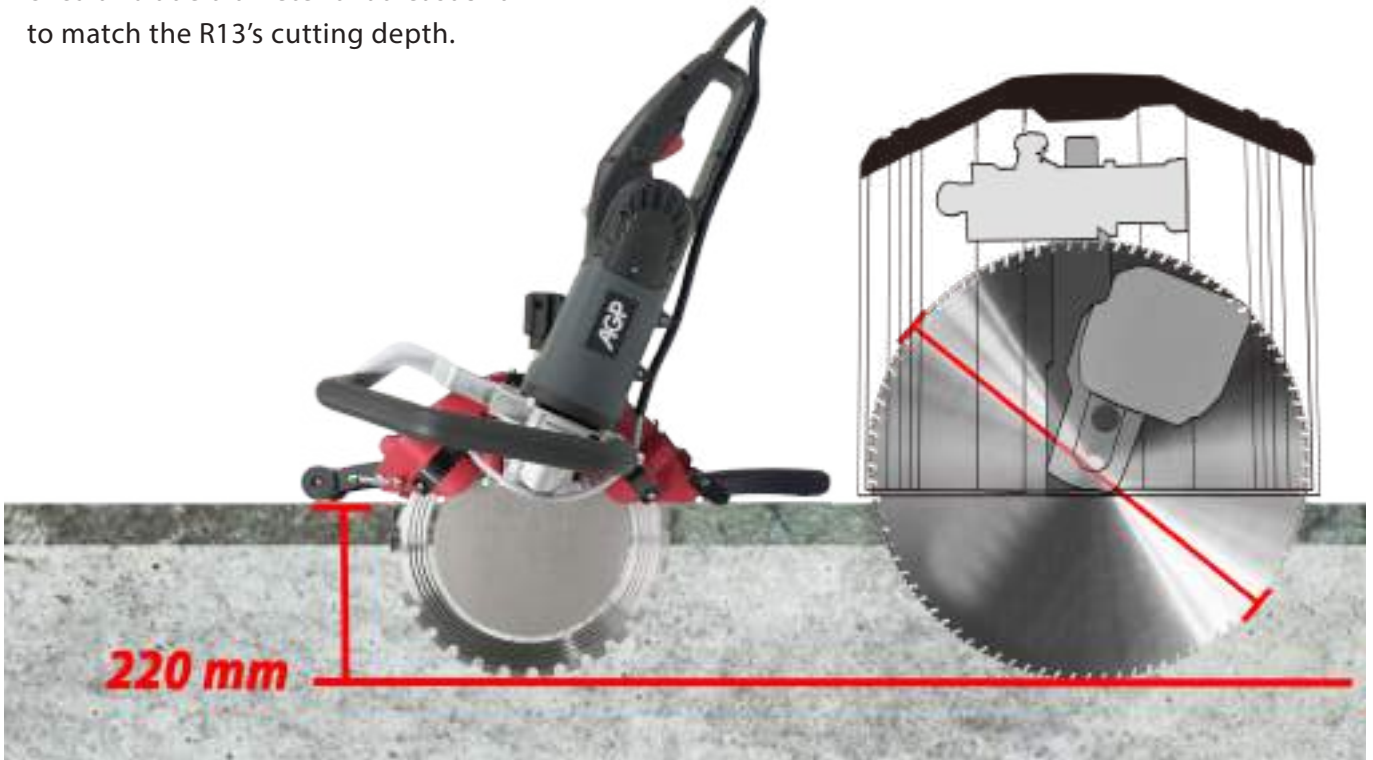
# Unparalleled Cutting Depth For A Hand-Held Saw

## R13 – 220mm Cut

With a standard wall saw, you'd need a circular blade diameter of at least 540mm to match the R13's cutting depth.

330mm Ring Saw

540 mm Wall Saw

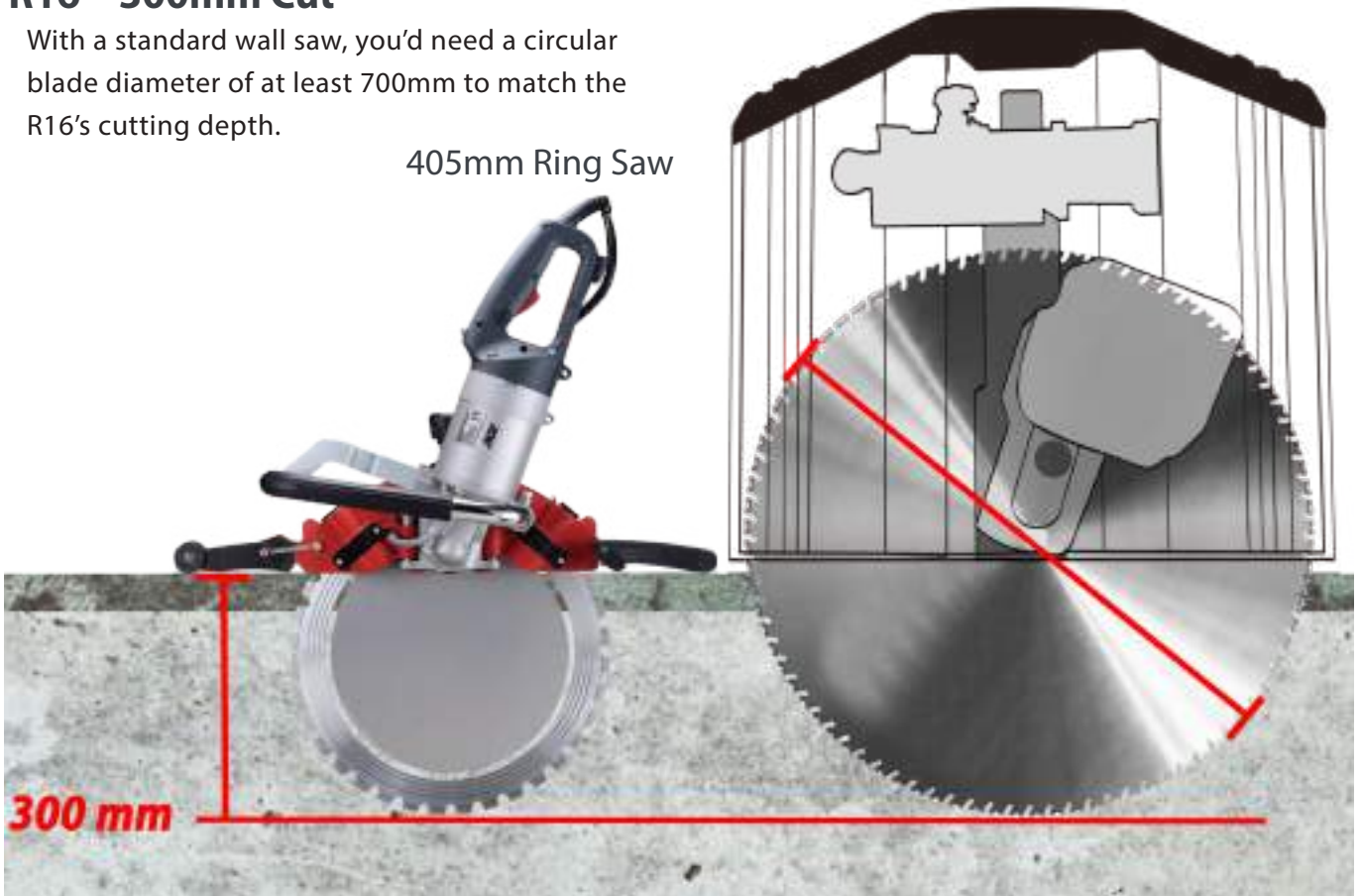


## R16 – 300mm Cut

With a standard wall saw, you'd need a circular blade diameter of at least 700mm to match the R16's cutting depth.

405mm Ring Saw

700 mm Wall Saw



# Features



## Simple Side-Thrust Tuning

Maximum-stability guide-roller design keeps the blade centralized.



## One-Step Blade Tensioning System

Patented One Step Drive Tensioner makes fast and easy blade adjustment and keeps tension equalized.



## LED Load Indicator

LED Indicator Indicates load conditions (electronic & thermal protection).



## Splash Guards

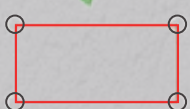
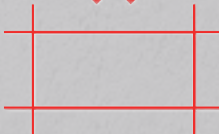
Flexible upper and bottom splash guards prevent splashing slurry.



## Ergonomic Handle Design

Optimum control and minimized fatigue.

## Minimal Overcut



RingSaw  
Action Video



## Quick & Easy Blade Changing

No need to strip the drive cover to change the blade.

# CS11 CONCRETE CHAIN SAW

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



Model	CS11
Power Input	220 V: 2800 W (certificate), 3200 W (actual) 110 V: 2600 W (certificate), 3000 W (actual)
Voltage	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
No Load RPM	10,000/min
Linear speed	20.65 m/s
Guide Bar Nominal Length	330 mm (13")
Diamond Chain	25 link
Max. Cutting Depth	300 mm (11.8")
Soft Start & Overload Protection	With
Protection Class	Class I, (220 V models with PRCD)
Dimensions (LxWxH)	630 mm (930 mm with guide bar) x 215 mm x 280 mm
Weight	8.1 kg (17.9 lb), 9.04 kg (19.9 lb) with guide bar & chain
Characteristics / Certification	

## Features

1. LED Indicator Indicates load conditions (electronic & thermal protection).
2. Bumper Spike for increased leverage.
3. Flexible Splash Flap helps contain slurry.
4. Dual plane horizontal and vertical spirit levels for precise alignment.
5. Wide base for setting tool down and adjusting.
6. Hall Effect Switch is completely waterproof and dustproof.

**Standard/Optional Accessories See P.22**



# CS18 HIGH FREQUENCY BRUSHLESS CHAIN SAW

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



High Frequency Power Converter

High Frequency Power Converter



P8K Details See P.20

Model	CS18	
Power Input	3Ø~380-480 V	6500 W
	1Ø~200-240 V	3600 W (16 A), 5500 W (32 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	406 mm (w / 16" Bar)	
Max. Cutting Depth	470 mm (w / 19" Bar)	
Soft Start & Overload Protection	With	
Dimensions (LxWxH)	635 x 250 x 316 mm	
Weight	8.9 kg ( 19.5 lb )	
Characteristics / Certification		

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

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

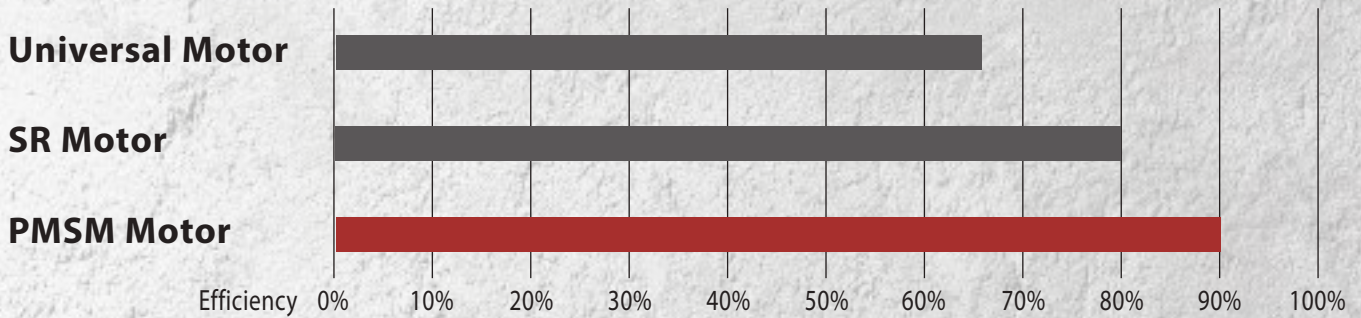
## Features

1. Constant speed is maintained regardless of load.
2. LED Indicator Indicates load conditions (electronic & thermal protection).
3. Bumper Spike for increased leverage.
4. Flexible Splash Flap helps contain slurry.
5. Dual plane horizontal and vertical spirit levels for precise alignment.
6. Wide base for setting tool down and adjusting.
7. Special design allows very close to flush cutting.
8. Tool-free bar clamp lever for faster chain tension adjustment.
9. Special Motor Coupling Cable.
10. Hall Effect Switch is completely waterproof and dustproof.

**Standard/Optional Accessories See P.22**

# Features

## 6600 W Permanent Magnet Synchronous Motor: A Revolution In Brushless Motors



### Higher Reliability

No carbon brush changes and longer life time.

### Higher Productivity

More efficient PMSM motor for faster results and less wasted energy.

### More Power

Higher raw power output for challenging cuts

### Slurry Resistant

Uniquely designed to prevent ingress of water, dust, and slurry.

### Faster Chain Adjustment

The tool-free bar clamp lever allows chain adjustments with no need for additional tools.



**Bumper Spike**

Bumper Spike for increased leverage



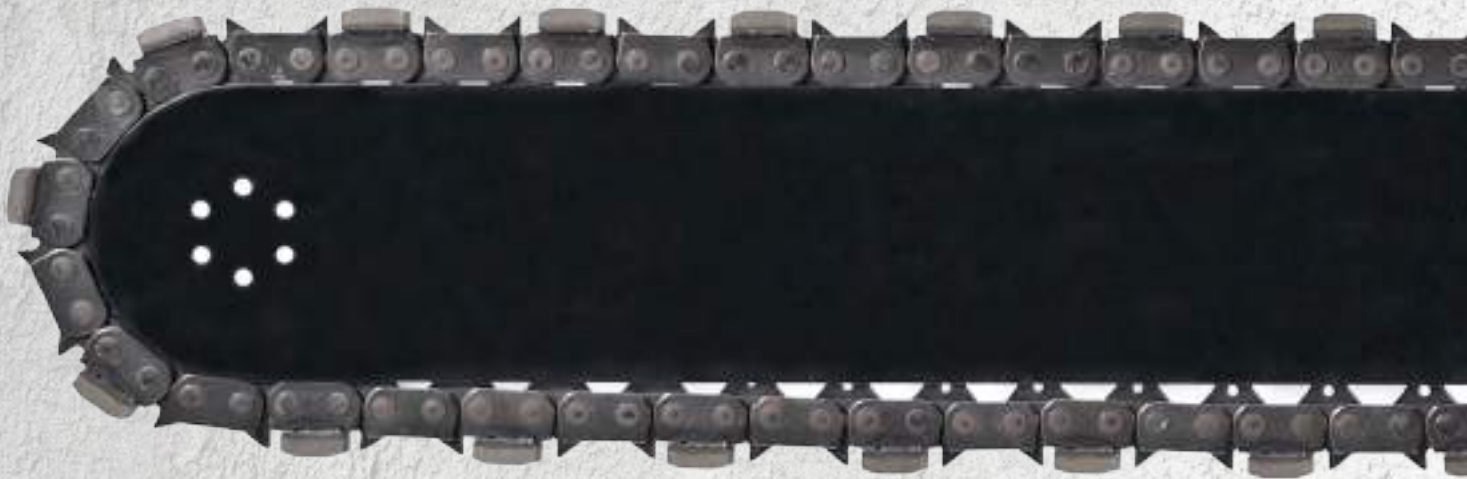
**LED Indicator**

LED Indicator  
Indicates load conditions



**Spirit Levels**

Dual plane horizontal and vertical spirit levels for precise alignment



**Splash Flap**

Flexible Splash Flap helps contain slurry



**Flush Cutting**

Special design allows very close to flush cutting



**Bar Clamp Lever**

Tool-free bar clamp lever for faster chain tension adjustment

## P8K POWER CONVERTER

Water cooled 8000 W power converter with special circuitry which allows it to accept **3 phase 380 V and single phase 230 V** supply at the maximum possible power level.

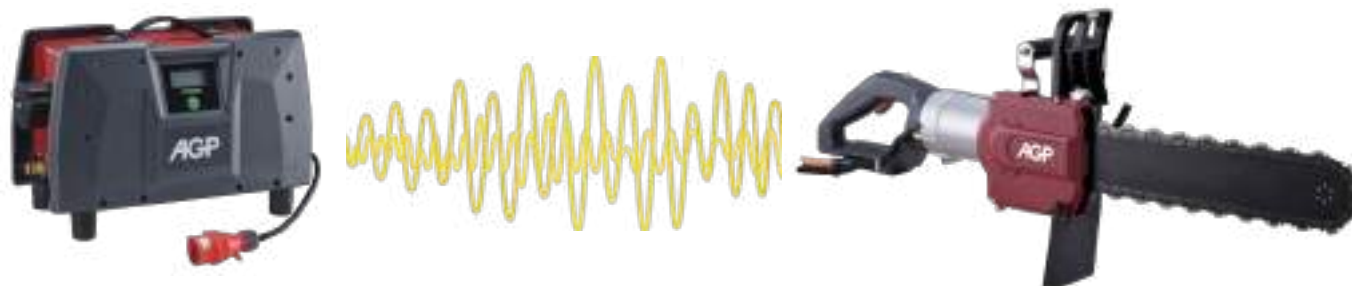
1. Built-in PRCD has full electronic protection for over and under voltage, thermal and current overload supplies high frequency current to the tool.
2. LCD Information Display shows voltage, elapsed hours, error codes, etc. 3 phase power supply cable.
3. Adaptor for single phase supply included. (maximum 16 A)



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



**Application: C406, C18, R16, CS18**



# Sawing Accessories

## C14 Concrete Saw

Standard Accessories	
M17 Combination Wrench	
Guide Roller Set	
Splash Guard Unit	
Blade Guard Brush	
PRCD Interruptor	
Optional Accessories	Part Number
<b>a</b> Dust Skid 14"	0299-0212-0004-002



**a** Dust Skid (C14)

## C16 Concrete Saw

Standard Accessories	
M17 Combination Wrench	
M3 L-hex wrench	
Splash Guard Unit	
Blade Guard Brush	
PRCD / GFCI Interruptor (220V models only)	
Optional Accessories	Part Number
<b>b</b> Dust Skid 16"	0299-0212-0004-007
<b>c</b> Flush Cutting Flange Kit (60 mm)	0299-0213-0000-001
<b>c</b> Flush Cutting Flange Kit (88.9 mm)	0299-0213-0000-002
<b>d</b> Flush Cutting Blade	305-00036-000-067
<b>e</b> Flush Cut Cover Set	0299-0284-00000-001



**b** Dust Skid (C16, C406)



**c** Flush Cutting Flange Kits

## C406 High Frequency Concrete Saw

Standard Accessories	
Hex Key (M3)	
Wrench (M17)	
<b>c</b> Flush Cutting Flange Kits	
<b>e</b> Flush Cut Cover Set	
Optional Accessories	Part Number
<b>d</b> Flush Cutting Blade	305-00036-000-067



**d** Flush Cutting Blade

## C18 High Frequency Concrete Saw

Standard Accessories	
Single Phase Adaptor	
<b>c</b> Flush Cutting Flange Kits	
Optional Accessories	Part Number
Flush Cutting Rim Brush	
<b>d</b> Flush Cutting Blade (18")	305-00036-000-078



**e** Flush Cut Cover Set

## R13 Ring Saw

Standard Accessories	
	T-Wrench
	Face Spanner
f	330mm Ring Saw Blade
	PRCD / GFCI Interruptor (220V models only)



f Ring Saw Blade

## R16 High Frequency Ring Saw

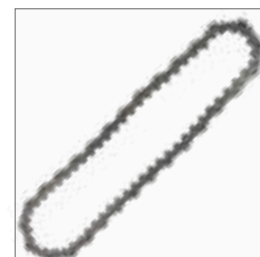
Standard Accessories	
	T-Wrench
	Face Spanner
f	405mm Ring Saw Blade



g Guide Bar

## CS11 Concrete Chain Saw

Standard Accessories		
	T-Wrench	
	PRCD Interruptor (220 V models only)	
Optional Accessories	Part Number	
g	Guide Bar (13")	305-00404-000-001
h	Diamond Chain (general purpose)(25 link)	305-00035-000-006
i	Sprocket 3/8"	305-00403-000-001



h Diamond Chain

## CS18 High Frequency Concrete Chain Saw

Standard Accessories	
	Snap Ring Pliers
	T-Wrench
	Hex Key (M4)



i Sprocket

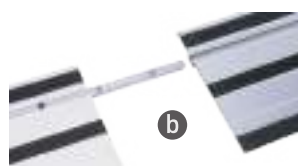
# SCS7 STONE CUTTING CIRCULAR SAW

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



## Features

1. Depth Scale for control of cut.
2. Parallel Guide for straight cuts.
3. Sighting Notches for accurate cutting.
4. Optional Guide Rail for precise control of the cutting process.



Model	SCS7
Power Input	1800 W (220 V), 1680 W (110 V)
Voltage	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
No Load min <sup>-1</sup>	5800
Arbor	22.23 mm (7/8")
Max. Blade Diameter	180 mm
Max. Cutting Depth	55 mm
Overload Protection	With
Soft Start	With
Protection Class	Class I with PRCD
Dimensions (LxWxH)	350 x 270 x 265 mm
Weight	6.7 kg (14.7 lb)
Characteristics / Certification	

Standard Accessories	
	Rubber Plug
	Parallel Guide
	Quick-release Water Hose Coupling
	M6 L-Hex Wrench
	PRCD Interruptor
	Plastic Carry Case
Optional Accessories	Part Number
<b>a</b> Aluminum Guide Rails (800 mm)	0299-0065-00004-001
<b>a</b> Aluminum Guide Rails (1400 mm)	0299-0065-00004-002
<b>b</b> Guide Rail Connector	0299-0106-00000-001
<b>c</b> Lever Clamp	305-00179-000-001

# SCS8 STONE CUTTING CIRCULAR SAW

A 200 mm stone saw with 70 mm depth of cut and 2200 W constant speed motor. Use the optional guide rail for precise control.



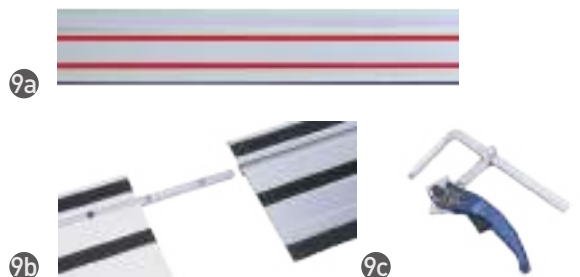
Model	SCS8
Power Input	2200 W (220 V), 1680 W (110 V)
Voltage, Frequency	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
No Load Speed	6000 min <sup>-1</sup>
Arbor	22.23 mm (7/8")
Blade Diameter	200 mm (8") or 180 mm (7")
Cutting Depth (0°)	70 mm (65 mm on rail) 200 mm blade 60 mm (55 mm on rail) 180 mm blade
Cutting Depth (45°)	52 mm (47 mm on rail) 200 mm blade 45 mm (40 mm on rail) 180 mm blade
Cutting Width Range (w/ parallel guide)	10 - 130 mm
Overload Protection	With
Insulation Class	Class I with PRCD / GFCI
Dimensions (LxWxH)	484 x 313 x 198 mm
Weight	5.7 kg (12.5 lb)
Characteristics / Certification	

<b>Standard Accessories</b>	
Parallel Guide	
Quick-release Water Hose Coupling	
M6 L-Hex Wrench	
PRCD / GFCI Interruptor	
Plastic Carry Case	
<b>Optional Accessories</b>	
180 mm (7") or 200 mm (8") Diamond Blade	
9a Aluminum Guide Rails (1400 mm & 800 mm available)	
9b Guide Rail Connector	
9c Lever Clamp	

## Features

1. LED Load Indicator & Constant Speed Motor for maximum work efficiency.
2. Suitable for both wet and dry cutting.
3. On-board wrench storage.
4. Bevel Cutting Capability.
5. Hall-Effect Switch is impervious to dust and slurry.
6. Depth Scale for control of cut.
7. Sighting Notches (0°, 30° & 45°) for accurate cutting.
8. Parallel Guide for straight cuts.
9. Optional Guide Rail for precise control of the cutting process.

## Optional Accessories







**DIAMOND CORE DRILL**

## TC402 TILE CORE DRILLS

Wet or dry tile core drills specially designed for core drilling small holes in tiles, ceramics, porcelain, stone, concrete, masonry, glass, and similar materials. Quick-release spindle for easy clearing of cores.



2-speed gear change lever

### Features

1. Quick-release collar for easy clearing of cores.
2. Suction Centering Guide for precise hole positioning and control of slurry and/or dust.
3. Pressurized Water Tank with Flow Regulator (optional).
4. 2-speed motor for a wide range of diameters.

Model	TC402	
Power Input	650 W	
Voltage	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz	
No Load / Rated Load Speeds, min <sup>-1</sup>	Speed 1	4500 / 2700
	Speed 2	7500 / 4500
Capacity	40 mm (1-9/16")	
Adapter Thread	G 1/2" (BSPP), M14-2.0	
Protection Class	Class II with PRCD	
Neck Diameter	43 mm	
Dimensions (LxWxH)	317 x 100 x 300 mm	
Weight	2.3 kg (5.1 lb)	
Characteristics / Certification		

■ Suction Centering Guide ②

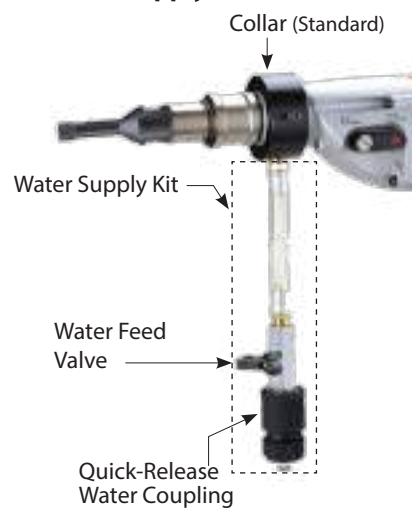
(Standard)



Standard Accessories

- PRCD Interrupter
- Suction Centering Guide
- Quick-Release Bit Adapter (1/2" BSP)
- Quick-Release Bit Adapter (M14)
- M22 Wrench
- M27 Wrench
- Side handle
- Collar
- Pressurized Water Tank Kit (0.85 Liter)
- Water Supply Kit

■ Water Supply Kit



## DME51D DRY DIAMOND CORE DRILL MOTOR

A compact, high efficiency 1 speed 1800 W dry drilling motor for drilling up to 112 mm. Suitable for drilling of highly abrasive materials. Switchable soft percussion allows optimal dry drilling performance.



## DME52D DRY DIAMOND CORE DRILL MOTOR

A compact, high efficiency 2 speed 1800 W drilling motor for dry drilling up to 222 mm. Suitable for drilling of highly abrasive materials. Switchable soft percussion allows optimal dry drilling performance.



Model	DME51D	DME52D	
Power Input	1800 W		
Voltage, Frequency	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz		
No Load (Rated Load) Speeds	3600 (2160) min <sup>-1</sup>	Gear 1	1800 (1080) min <sup>-1</sup>
		Gear 2	3600 (2160) min <sup>-1</sup>
Percussion Frequency, No Load (Rated Load)	56,000 (36,400) b/min	Gear 1	29,000 (18,850) b/min
		Gear 2	56,000 (36,400) b/min
Capacity-Dry	102 mm (4")		182 mm (7")
Soft Start & Overload Protection	With		
Spindle Thread	M16-2.0 male or M18-2.5 male (Specify when ordering)		
Insulation Class	Class II		
Dimensions (LxWxH)	450 x 90 x 210 mm		505 x 105 x 210 mm
Weight	4.7 kg (10.4 lb)		4.9 kg (10.8 lb)
Characteristics / Certification			

■ **External Dust  
Extractor Head  
(DME51D Optional / DME52D Standard)**



■ **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. (Details please see P.48)



**Features**

1. Gear box with mechanical clutch.
2. Smart Electronic Control with soft-start, thermal protection, and overload protection.
3. Switchable soft percussion for optimized dry drilling.
4. Side Handle in-line with spindle centerline for best control.
5. Hall Effect Switch is completely waterproof and dustproof.
6. Built in horizontal levels for precision.
7. External Dust Extractor Head for use with 50 to 82 mm banana slot type bits (Optional).
8. Spring-loaded Centering Pilot for L 85mm bits or for L 65mm bits. (Optional).

**Standard/Optional Accessories See P.46-47**

# DM52D DRY DIAMOND CORE DRILL MOTORS

Light, high efficiency 1800 W, 2-speed coring motors for dry drilling up to 182 mm .



Model	DM52D
Power Input	1800 W
Voltage	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
No Load / Rated Load Speeds, min <sup>-1</sup>	Speed 1 1800 / 1080 Speed 2 3600 / 2160
Percussion Frequency (No Load / Rated)	Speed 1 29,000 bpm / 17,400 bpm Speed 2 56,000 bpm / 33,600 bpm
Spindle Thread	1-1/4" UNC male & 1/2" BSP female
Capacity-Dry	182 mm (7")
Soft Start & Overload Protection	With
Mechanical Safety Clutch	With
Protection Class	Class II
Neck Diameter	60 mm
Dimensions (LxWxH)	505 x 105 x 210 mm
Weight	4.9 kg (10.8 lb)
Characteristics / Certification	

## Features

1. 2 speed gearbox with clutch for a wide range of sizes.
2. Electronic motor management with soft start, overload and thermal protection.
3. Horizontal spirit level for precise alignment.
4. Hall Effect Switch is completely waterproof and dustproof.
5. Switchable soft percussion for optimized dry drilling.
6. Side handle in-line with spindle centerline for best control.

**Standard/Optional Accessories See P.46**

# DD160 DRY DIAMONDCORE DRILL MOTOR FOR REINFORCED CONCRETE

A 2 speed 2200 W dry drilling motor for drilling up to 162mm in reinforced concrete and 250mm in brick. Excellent for overhead drilling, operation in subzero temperatures and any situation where water cannot be used. Perfect for hollow-core slabs. Through-the-spindle dust extraction and switchable soft percussion allow optimal dry drilling performance.



## Features

1. 2 Speed Gear Box with clutch.
2. Smart Electronic Control with soft-start, thermal protection, and overload protection.
3. Highly visible LED indicator for optimizing drilling efficiency with overload and overheat warning.
4. Switchable soft percussion for optimized dry drilling.
5. Hall Effect Switch is completely waterproof and dustproof.
6. Anti-seize ring to keep core bits from getting stuck on the spindle.
7. Soft-Grip Side Handle in-line with spindle centerline for best control.
8. Built in horizontal level for precision.

**Standard/Optional Accessories See P.46**

Model	DD160	
Power Input	230 - 240 V: 2200 W, 220 V: 2000 W, 110 - 120 V: 1700 W	
Voltage	220-240 V ~ 50-60 Hz, or 110-120 V ~ 50-60 Hz	
No Load / Rated Load Speeds, min <sup>-1</sup>	Speed 1	1250 / 750
	Speed 2	2600 / 1500
Percussion Frequency (No Load / Rated)	Speed 1	25,000 bpm / 15,000 bpm
	Speed 2	50,000 bpm / 30,000 bpm
Capacity-Dry (Reinforced Concrete)	162 mm (6-1/2")	
Capacity-Dry (Brick)	250 mm (10")	
Soft Start & Overload Protection	With	
Gear Oil Type	80W-90	
Gear Oil Capacity	200 ml	
Spindle Thread	1-1/4" UNC male & 1/2" BSP female	
Protection Class	Class II	
Dimensions (LxWxH)	550 x 130 x 160 mm	
Weight	6.0 kg (13.2 lb)	
Characteristics / Certification		

# DM62 & DD62 DRY DIAMOND CORE DRILL MOTORS FOR REINFORCED CONCRETE

A heavy-duty 2 speed 2200 W dry drilling motor for drilling up to 162 mm in reinforced concrete and 250 mm in brick. Excellent for overhead drilling, operation in sub-zero temperatures and any situation where water cannot be used. Perfect for hollow-core slabs. Through-the-spindle dust extraction and switchable soft percussion allow optimal dry drilling performance.



DM62



DD62







## Features

1. 2 Speed Gear Box with clutch.
2. Smart Electronic Control with soft-start, thermal protection, and overload protection.
3. All metal construction for optimized cooling, durability, and maximum strength.
4. Switchable soft percussion for optimized dry drilling.
5. LED indicator for optimizing drilling efficiency with overload and overheat warning.
6. Hall Effect Switch is completely waterproof and dustproof.
7. Anti-seize ring to keep core bits from getting stuck on the spindle.
8. Side Handle in-line with spindle centerline for best control.
9. Built in vertical and horizontal levels for precision.

**Standard/Optional Accessories See P.46**

Model	DM62	DD62
Power Input	2200 W (230-240 V), 2000 W (220 V)	
Voltage	220-240 V~ 50-60 Hz	
No Load / Rated Load Speeds, min <sup>-1</sup>	Speed 1	1250 / 750
	Speed 2	1900 / 1140
Percussion Frequency (No Load / Rated)	Speed 1	25,000 bpm / 15,000 bpm
	Speed 2	38,000 bpm / 22,800 bpm
Capacity-Dry (Reinforced Concrete)	162 mm (6-1/2")	
Capacity-Dry (Brick)	250 mm (10")	
Soft Start & Overload Protection	With	
Gear Oil Type	80W-90	
Gear Oil Capacity	200 ml	
Spindle Thread	1-1/4" UNC male & 1/2" BSP female	
Protection Class	Class II	
Dimensions (LxWxH)	430 x 122 x 290 mm	530 x 130 x 215 mm
Weight	6.2 kg (13.6 lb)	6.5 kg (14.3 lb)
Characteristics / Certification		

## DM2 WET DIAMOND CORE DRILL MOTOR

A compact 1 speed 1800 W wet drilling motor designed for fast wet drilling of small diameters from 10 mm up to 50 mm in reinforced concrete. Handles rebar well and is ideal for chemical anchors and similar applications.



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

### Features

1. 1 speed Gear Box with clutch.
2. Smart Electronic Control with thermal protection and overload protection.
3. Side Handle in-line with spindle centerline for best control.
4. Built in horizontal levels for precision.

**Standard/Optional Accessories See P.49**

# DMC160 WET / DRY DIAMOND CORE DRILL MOTOR

A 3-speed 2200 W wet and dry drilling motor for drilling up to 162mm in wet, and 202 mm in dry. An excellent choice for an all-around tool for many tasks.



Model	DMC160
Power Input	2200 W (230-240 V), 2000 W (220 V)
Voltage	220-240 V~ 50-60 Hz
No Load Speeds, min <sup>-1</sup>	1000 / 1600 / 4600
Rated Load Speeds, min <sup>-1</sup>	650 / 1040 / 2890
Capacity-Wet	Hand-Held : 82 mm (3-1/4") Rig-Mounted : 162 mm (6-1/2")
Capacity-Dry	202 mm (8")
Gear Oil Type	80W-90
Gear Oil Capacity	200 ml
Spindle Thread External / Internal	1-1/4" UNC male & 1/2" BSP female
Neck Diameter	60 mm
Soft Start & Overload Protection	With
Mechanical Safety Clutch	With
Protection Class	Class II with PRCD
Dimensions (LxWxH)	528 x 106 x 145 mm
Weight	5.8 kg (12.8 lb)



**Brass Claw-Type Couplings**



Mounted to AS200 Drillstand + Water Collector + VB400 Vacuum Plate (See P.51)

**Features**

1. 3 Speed Gear Box with clutch.
2. Smart Electronic Control with soft-start, thermal protection, and overload protection.
3. Highly visible LED indicator for optimizing drilling efficiency with overload and overheat warning.
4. Hall Effect Switch is completely waterproof and dustproof.
5. Anti-seize ring to keep core bits from getting stuck on the spindle.
6. Side Handle in-line with spindle centerline for best control.
7. Built in horizontal level for precision.

**Standard/Optional Accessories See P.48**

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

A heavy duty 3-speed 2200 W wet and dry drilling motor for drilling up to 162 mm in wet, and 202 mm in dry. Featuring all-metal construction for optimized cooling, durability, and maximum strength.



**Brass Claw-Type Couplings**



Mounted to AS200 Drillstand + Roto-Molded Case(See P.49)

**Features**

1. Aluminum alloy construction for optimized cooling, durability, and light weight.
2. Smart electronic motor management with soft-start, overload and thermal protection.
3. Three-speed oil bath gearbox with clutch.
4. Side handle in-line with spindle centerline for best control.
5. LED Indicator clearly indicates load conditions.
6. Water supply kit with quick-release water hose adaptor.
7. Anti-seize ring to keep core bits from getting stuck on the spindle.
8. Vertical level and horizontal level for precision.

**Standard/Optional Accessories See P.48**

Model	DMC6P	DMC6D
Power Input	2200 W (230-240 V), 2000 W (220 V), 1700 W (110-120 V)	
Voltage	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz	
No Load Speeds, min <sup>-1</sup>	930 / 1520 / 4270	
Rated Load Speeds, min <sup>-1</sup>	560 / 910 / 2560	
Capacity-Wet	Hand-Held : 82 mm (3-1/4") Rig-Mounted :162 mm (6-1/2")	
Capacity-Dry	202 mm (8")	202 mm (8")
Gear Oil Type	80W-90	
Gear Oil Capacity	200 ml	
Spindle Thread External / Internal	1-1/4" UNC male & 1/2" BSP female	
Neck Diameter	60 mm	
Soft Start & Overload Protection	With	
Mechanical Safety Clutch	With	
Protection Class	Class I with PRCD	
Dimensions (LxWxH)	437 x 115 x 289 mm	528 x 106 x 145 mm
Weight	6.4 kg (14.1 lb)	6.4 kg (14.1 lb)
Characteristics / Certification		

# DM8P WET DIAMOND CORE DRILL MOTOR

A heavy duty 3 speed 2500 W wet drilling motor for drilling up to 250 mm. Featuring constant speed electronics for even drilling speed and longer core bit life.



## Features

1. High output motor with Constant Speed Electronics.
2. Smart Electronic Control with soft-start, thermal protection, and overload protection.
3. 3-speed oil bath gear box with clutch.
4. Highly visible LED load indicator for optimizing drilling efficiency.
5. Anti-seize ring to keep core bits from getting stuck on the spindle.

**Standard/Optional Accessories See P.49**

Model	D M8P
Power Input	2500 W (220 V), 2200 W (110 V)
Voltage	220-240 V ~ 50-60 Hz , or 110-120 V~ 50-60 Hz
*Rated Load Speeds, min <sup>-1</sup>	320 / 700 / 1450
Capacity-Wet	Hand-Held: 82 mm (3-1/4") Rig-Mounted: 250 mm (10")
Soft Start & Overload Protection	With
Gear Oil Type	80W-90
Gear Oil Capacity	300 ml
Spindle Thread External / Internal	1-1/4" UNC male & 1/2" BSP female
Neck Diameter	60 mm
Protection Class	Class I with PRCD
Dimensions (LxWxH)	463 x 127 x 310 mm
Weight	7.3 kg (16.0 lb)
Characteristics / Certification	

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

# DDC12 SOFT PERCUSSION DIAMOND CORE DRILL MOTOR FOR BOTH DRY & WET DRILLING

A heavy-duty 3-speed 3500 W combined dry and wet drilling motor for drilling up to 300 mm dry or wet in reinforced concrete. Its soft percussion function and convertible port allows vacuum connection for dry drilling, and water feed for wet drilling, allowing the motor to keep its wet drilling capabilities, while adding the capability to dry drill reinforced concrete.



## Features

1. Anti-seize ring to keep core bits from getting stuck on the spindle.
2. Switchable Soft Percussion for effective dry drilling.
3. Sturdy 3-speed Gear Box with oil bath lubrication and mechanical clutch.
4. Advanced Electronic Control with soft-start, thermal protection, and overload protection.
5. Surge Function lets the operator easily know that the motor is near overload conditions by pulsing the motor without actually tripping out.
6. Slow-Start function, a unique automatic hole starting function that reduces motor speed for a short time to allow the kerf to be started.
7. Aluminum housing for better cooling and durability.
8. Vertical and horizontal levels for precision.
9. LED Load Indicator for visual monitoring of load conditions.
10. Special Waterproof Switch. The switch's reed-type operative element is completely impervious to water, dust or slurry.
11. Convertible Port for vacuum connection or water supply.
12. Quick-Release Water Feed and Vacuum Adapter Heads.

Model	DDC12
Power Input	3500 W / 16 A (230 V), 2800 W / 25 A (110 V)
Voltage, Frequency	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
No Load Speeds	450 / 810 / 1300 min <sup>-1</sup>
Rated Load Speeds	270 / 480 / 780 min <sup>-1</sup>
Percussion Frequency, Rated Load	6,480 / 11,520 / 18,720 b/min
Capacity-Dry (RC)	Ø300 mm (14")
Capacity-Wet	Ø300 mm (12")
Gear Oil Type	80W-90
Gear Oil Capacity	625 ml
Spindle Thread	1-1/4" UNC male & 1/2" BSP female
Insulation Class	Class I with PRCD / GFCI (110-120V w/o PRCD / GFCI)
Soft Start & Overload Protection	With
Dimensions (LxWxH)	623 x 149 x 213 mm
Weight	13 kg (28.6 lb)
Characteristics / Certification	



## DM12 DIAMOND CORE DRILL MOTORS

High efficiency 3 speed, 3500 W rig-mounted drilling motors with aluminum body. Three models with optimized gearing for different drilling requirements. Choose the version which best suits your drilling needs.



## DM14 RIG-MOUNTED DIAMOND CORE DRILL MOTOR

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





**Features**

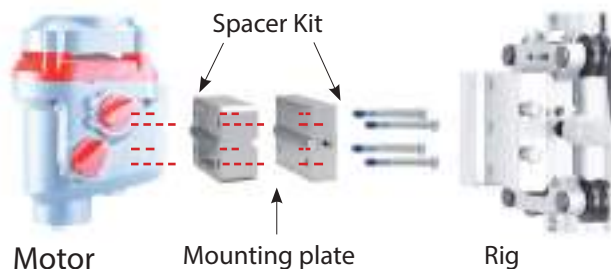
1. Sturdy 4-speed Gear Box with oil bath lubrication and mechanical clutch.
2. Advanced Electronic Control with soft-start, thermal protection, and overload protection.
3. Surge Function lets the operator easily know that the motor is near overload conditions by pulsing the motor without actually tripping out.
4. Slow-Start function, a unique automatic hole starting function that reduces motor speed for a short time to allow the kerf to be started.
5. Vertical and horizontal levels for precision.
6. Aluminum housing for better cooling and durability.
7. Anti-seize ring to keep core bits from getting stuck on the spindle.
8. Quick-replaceable water seals.
9. Special Waterproof Switch The switch's reed-type operative element is completely impervious to water, dust or slurry, thus eliminating a common failure point in coring motors. The switch also features anti-restart function.
10. LED Load Indicator for visual monitoring of load conditions.

Model	DM12	DM14
Power Input	3500 W / 16 A (220 V), 2800 W / 25 A (110 V)	
Voltage, Frequency	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz	
No Load Speeds	350 / 600 / 1000 min <sup>-1</sup>	385 / 530 / 975 / 1340 min <sup>-1</sup>
Rated Load Speeds	220 / 370 / 620 min <sup>-1</sup>	225 / 300 / 565 / 780 min <sup>-1</sup>
Drilling Capacity	Ø350 mm (14")	Ø400 mm (16")
Gear Oil Type	80W-90	
Gear Oil Capacity	625 ml	
Spindle Thread	1-1/4" UNC male & 1/2" BSP female	
Insulation Class	Class I with PRCD / GFCI (110-120V w/o PRCD / GFCI)	
Soft Start & Overload Protection	With	
Dimensions (LxWxH)	550 x 155 x 210 mm	
Weight	12.3 kg (27.1 lb)	13.5 kg (29.7 lb)
Characteristics / Certification		



### ■ Optional Accessories: 40 mm Spacer Kit

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



### Features

1. Sturdy 4-speed Gear Box with oil bath lubrication and mechanical clutch.
2. Advanced Electronic Control with soft-start, thermal protection, and overload protection.
3. Surge Function lets the operator easily know that the motor is near overload conditions by pulsing the motor without actually tripping out.
4. Slow-Start function, a unique automatic hole starting function that reduces motor speed for a short time to allow the kerf to be started.
5. Vertical and horizontal levels for precision.
6. Aluminum housing for better cooling and durability.
7. Anti-seize ring to keep core bits from getting stuck on the spindle.
8. Quick-replaceable water seals.
9. Special Waterproof Switch The switch's reed-type operative element is completely impervious to water, dust or slurry, thus eliminating a common failure point in coring motors. The switch also features antirestart function.
10. LED Load Indicator for visual monitoring of load conditions.

**Standard/Optional Accessories See P.49**

# DM20 INTEGRATED HIGH-FREQUENCY DIAMOND CORE DRILL MOTOR

The water-cooled permanent magnet synchronous motor provides unprecedented power output efficiency on single phase supply for outstanding performance with large diameters up to 500 mm (20"). The 17-speed integrated controller allows a wide speed range with full torque available at every speed.






## Features

1. Water-cooled PMSM motor has the highest output efficiency of any single phase coring motor on the market.
2. Conveniently runs directly on 230 V single phase supply. The power converter is integrated into the unit, and the automatic PRCD is built-in as well, so you can just plug it in and start drilling!
3. Oil bath gearbox with mechanical clutch. Due to the special motor characteristics which allow electronic speed selection with no loss of torque, only one mechanical ratio is needed.
4. Anti-seize ring to prevents core bits from getting stuck on the spindle.
5. Water feed inlet can be mounted on either side of the motor for operator convenience.
6. Easy to use operator interface.
7. The Ferro-Fix rebar assist button makes it much easier to handle embedded steel while drilling.
8. LED display gives bit diameter, as well as mode display, service indicator, hours counter, and error codes.
9. The separate LED load indicator lamp gives reliable information on load and thermal conditions.
10. The electronic speed selection with 17 diameter settings are easy to select, and can be adjusted on the fly. Can be easily changed between metric and inch display units.
11. Bit threading function makes threading on large heavy bits much easier. Simply align the spindle with the bit, press the button once, and it will automatically rotate at low speed to thread the bit on. Press the button once again to stop.

## Standard/ Optional Accessories See p. 49

Model	DM20
Power Input	3700 W /16 A
Power Output Efficiency	90%
Voltage, Frequency	1~ 220-240 V, 50-60 Hz
Rated Load Speeds	220 - 540 min <sup>-1</sup>
Electronic Speed Settings	17 steps
Drilling Capacity	Ø500 mm (20")
Soft Start & Overload Protection	With
Gear Oil Type	80W-90
Gear Oil Capacity	400 ml
Spindle Thread	1-¼" UNC
Insulation Class	Class I with PRCD
Ingress Protection Class	IP55
Dimensions (LxWxH)	669 x 221 x 182 mm
Weight	16.7 kg (36.7 lb)
Characteristics / Certification	

# Dry Drilling Accessories

## DM52D Dry Diamond Core Drill Motors

Standard Accessories	
Soft-Grip Side Handle	
Percussion Selector	
Optional Accessories	Part Number
<b>a</b> SDS Pilot Drill Socket	302-04387-907-001
<b>C2</b> Centering Pilot for L 300 mm Bits	0202-0111-00000-001



**a** SDS Pilot Drill Socket

## DME51D Dry Diamond Core Drill Motor

Standard Accessories	
Soft-Grip Side Handle	
Optional Accessories	Part Number
<b>d</b> External Dust Extractor Head	0299-0295-00000-016
Vacuum Collector Pad Set (See P.48)	
<b>C1</b> Centering Pilot for L 85 mm bits	0202-0111-00000-014
<b>C1</b> Centering Pilot for L 65 mm bits	0202-0111-00000-015



**C1** Centering Pilot



**C2** L 300 mm Centering Pilot

## DME52D Dry Diamond Core Drill Motor

Standard Accessories	
Soft-Grip Side Handle	
<b>C1</b> Centering Pilot for L 85 mm bits	
<b>d</b> External Dust Extractor Head	
Optional Accessories	Part Number
Vacuum Collector Pad Set (See P.48)	
<b>C1</b> Centering Pilot for L 65 mm bits	0202-0111-00000-015



**d** External Dust Extractor Head

## DM62, DD62, DD160 Dry Diamond Core Drill Motors

Standard Accessories	
Blow Molded Case	
Side Handle	
M32 Wrench	
Optional Accessories	Part Number
<b>C2</b> Centering Pilot for L 300 mm Bits	0202-0111-00000-001
<b>g</b> Roto-Molded Case	SM.111.AS200



**g** Roto-Molded Case

# DM52, DM62, DD62, DD160, DMC6, DMC160

## Dry Drilling Accessories

ADD quick release dry drilling equipment			Part Number
a	Centering pilot, ADD		0202-0111-00000-013
b	Extension 200mm		0299-0114-00000-006
c	ADD quick release		0299-0114-00000-007
d	1-1/4" to ADD M42 Adaptor		301-03022-000-005
Dry Diamond Core Bits with ADD Quick release			Part Number
Diameter(mm)	Coupling	Useful Length(mm)	
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
182	ADD	200	305-91042-200-182
M16 dry drilling equipment			Part Number
e	Centering Pilot		0202-0111-00000-008
f	M16 dust extractor		0299-0114-00000-008
g	1-1/4" to M16 Adaptor		301-03022-000-005
Dry Diamond Core Bits with M16 Coupling			Part Number
Diameter(mm)	Coupling	Useful Length(mm)	
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



# Wet / Dry Drilling Accessories

## DMC160 Wet / Dry Diamond Core Drill Motor

Standard Accessories		
Side Handle		
Water Supply Kit		
M32 Wrench		
<b>b</b>	PRCD Interrupter	
<b>e</b>	Brass Claw-Type Couplings	
Optional Accessories		
	Part Number	
	Soft-Grip Side Handle	203-0001-00000-004
<b>a</b>	SDS Pilot Drill Socket	302-04387-907-001
<b>C2</b>	Centering Pilot for L 300mm Bits	0202-0111-00000-001
<b>g</b>	Roto-Molded Case	SM.111.AS200



## DMC6P/D Wet / Dry Diamond Core Drill Motors

Standard Accessories		
Soft-Grip Side Handle		
Water Supply Kit		
M32 Wrench		
<b>b</b>	PRCD Interrupter	
<b>e</b>	Brass Claw-Type Couplings	
Optional Accessories		
	Part Number	
<b>a</b>	SDS Pilot Drill Socket	302-04387-907-001
<b>C2</b>	Centering Pilot for L 300mm Bits	0202-0111-00000-001
<b>g</b>	Roto-Molded Case	SM.111.AS200





# Wet Drilling Accessories

## DM2 Wet Diamond Core Drill Motor

Standard Accessories	
Side Handle	
Water Supply Kit	
<b>b</b> PRCD Interrupter	
Optional Accessories	Part Number
Soft-Grip Side Handle	203-0001-00000-004



**b** PRCD / GFCI Interrupter

## DM8P Wet Diamond Core Drill Motor

Standard Accessories	
Blow Molded Case	
Soft-Grip Side Handle	
Water Supply Kit	
M32 Wrench	
<b>b</b> PRCD Interrupter	
Optional Accessories	Part Number
<b>g</b> Roto-Molded Case	SM.111.AS200



**f** 40mm Spacer Kit

## DM12 Diamond Core Drill Motor

Standard Accessories	
Water Supply Kit	
<b>b</b> PRCD Interrupter REMARK: 110-120V W/O PRCD	
Optional Accessories	Part Number
<b>f</b> 40 mm Spacer Kit	0299-0214-0000-001



**g** Roto-Molded Case

## DM14 Diamond Core Drill Motor

Standard Accessories	
Water Supply Kit	
<b>b</b> PRCD Interrupter REMARK: 110-120 V W/O PRCD	
Optional Accessories	Part Number
<b>f</b> 40 mm Spacer Kit	0299-0214-0000-001

## DM20 High Frequency Diamond Core Drill Motor

Standard Accessories	
Water Supply Kit	
Optional Accessories	Part Number
<b>f</b> 40 mm Spacer Kit	0299-0214-0000-001

# Drilling Accessories

Drilling Series Optional Accessories	Part Number
SDS Pilot Drill Socket (for models with female 1/2" BSP spindles)	302-04387-907-001
<b>h</b> M16 Dry Arbor Adaptor (Adapts 1-1/4"-7 UNC spindles to M16-2.0) Centering Pilots For L 300mm bits	302-04311-000-002
Soft-Grip Side Handle	



**h** M16 Dry Arbor Adaptor

Vacuum Collector Pad	Part Number
<b>i</b> Vacuum Collector Pad Set (small) *Set includes pad + 4 rings	0299-0113-00000-002
<b>j</b> Vacuum Collector Pad Set (large) *Set includes pad + 2 rings	0299-0113-00000-001
<b>k</b> Ring (D45) - for small pad	303-02034-004-003
Ring (D55) - for small pad	303-02034-004-004
Ring (D65) - for small pad	303-02034-004-005
Ring (D75) - for small pad	303-02034-004-006
<b>l</b> Ring (D110) - for large pad	303-02034-004-001
Ring (D130) - for large pad	303-02034-004-002



**i** Vacuum Collector Pad (small)



**j** Vacuum Collector Pad (large)

# Special Clutch Tools

Torque Wrench Adapter Socket (for checking the clutch's slipping torque)	Part Number
For DD160, DD62, DM62, DMC6D/P, DMC160	0202-0117-00000-010
For DM52D, DME51D, DME52D	0202-0117-00000-011
<b>m</b> For DM12, DM14	0202-0117-00000-013
For DM2	0202-0117-00000-014
For DM8P	0202-0117-00000-015
For DM20	0202-0117-00000-017
Holding Fixture for adjusting clutches (to safely hold the shaft without damaging it)	Part Number
For DM52D, DME51D, DME52D	0202-0117-00000-001
For DMC6D/P, DMC160	0202-0117-00000-002
For DM12	0202-0117-00000-003
For DM14	0202-0117-00000-004
<b>n</b> For DM2	0202-0117-00000-006
For DD160	0202-0117-00000-007
For DD62, DM62	0202-0117-00000-008
For DM8P	0202-0117-00000-009
For DM20	0202-0117-00000-016



**k** Ring Set (D45~D75)



**l** Ring Set (D110~D130)



**m** Torque Wrench Adapter Socket



**n** Holding Fixture for adjusting clutches

# AS200 / S350 / S500 / S800 DIAMOND CORE DRILL STANDS

**S800**

Aluminum column with steel inserts for maximum rigidity and minimum weight

Convenient, tool-free carriage lock lever

Quick mount Dovetail cradle for fast motor fixing

Motor Mounting Plate supplied as standard equipment:

S350      S500 & S800

Crank Handle doubles as a wrench

Heavy gauge steel base with lightening holes for optimum stability and vibration resistance

AS200 folds down completely for easy storage

S800 and S500 include a second crank spindle with reduction gearing for decreased effort

Optional: Fixing Kit for use with M12 drop-in anchors: Includes stud, washer, and speed nut (drop-in anchors not included)

Optional: Anchoring Plate (necessary with steel-base models: AS200, S350, S500, S800)

Wheels for easy transport

0~45°



Model	AS200	S350	S500	S800
Capacity w/o extension spacers (mm)	Ø202 (8")	Ø350 (14")	Ø350 (14")	Ø400 (16")
	N/A	N/A	Ø500 (20")	Ø800 (32")
Effective Stroke (mm)	590	660	690	760
Dimensions (LxWxH) (mm)	361 x 250 x 890	390 x 248 x 970	480 x 240 x 1025	555 x 275 x 1035
Net Weight (Not Including crank handle)	10.5 kg (23.1 lb)	14.4 kg (31.7 lb)	19.1 kg (42.0 lb)	26.5 kg (58.4 lb)

# QS600 Diamond Core Drill Stand

**Large Capacity**  
Fits up to 500 mm bits without needing to use any extension spacer.

**Optional:**  
50 mm Extension Spacer Kit allows drilling up to Ø 600 mm



**Wrench Stop Lug**  
For safely loosening tight core bits



**Quick-Release Cam-Lock Cradle**  
Makes it easy to mount and remove the motor, even in difficult positions.



**Dual Gear Ratio Feed on Both Sides**  
One ratio for fast motion, and the other slow ratio for decreased operator effort



**Self-Centering M19 Crank Handle**  
Gives more leverage when extended and is convenient to use as a wrench for all of the M19 control elements.



**Convenient Features**  
Pin-type carriage lock  
Built-In horizontal & vertical spirit levels  
Cable clip

Model	QS600
Capacity w/o extension spacers (mm)	Ø500 (20")
Max. Capacity with extension spacers (mm)	Ø600 (24")
Effective Stroke (mm)	670
Dimensions (LxWxH) (mm)	582 x 313 x 1032
Weight (Not Including crank handle)	26.8 kg (59 lb)

# AS200 / S350 / S500 / S800 DIAMOND CORE DRILLING UNITS ACCESSORIES

**■ Laser Aiming Devices**  
Especially useful when creating accurately aligned holes through multiple walls for pipe passes.

- e** Anchoring Plate
- f** Fixing Kit
- k** AS200 Water Collector Set (includes 3 membranes) Size Range: 20 - 162 mm  
Replacement membranes (5 pack)
- l** VB400 Vacuum Base: Fits AS200, S350, S500, QS600
- a** 200 mm
- b** 150 mm
- c** 100 mm
- d** 45 mm

Labels for Laser Aiming Devices:  
 - 1-1/4" for spindle mounting  
 - Ø60 mm for clamp bracket type drill stands  
 - Laser Aiming Device 1-1/4" & 60 mm  
 - Laser  
 - i  
 - 1/2" BSP for spindle mounting  
 - Laser  
 - j

Labels for Vacuum System:  
 - Vacuum Hose  
 - Vacuum Pump VP140 (see p. 52)  
 - VP140 Vacuum Tank

Labels for Extension Spacers:  
 - Dovetail Type Extension Spacers  
 - a, b, c, d

Related Product:  
Vacuum Cleaner DS25L

Optional Accessories	Part Number
<b>a</b> Extension Spacer 200 mm	0299-0159-00000-004
<b>b</b> Extension Spacer 150 mm	0299-0159-00000-003
<b>c</b> Extension Spacer 100 mm	0299-0159-00000-002
<b>d</b> Extension Spacer 45 mm	0299-0159-00000-001
<b>e</b> Anchoring Plate	302-04464-903-001
<b>f</b> Fixing Kit	0299-0252-0000-001
<b>h</b> Front Handle Set for S500	0299-0211-0000-001
<b>i</b> Laser Aiming Device 1-1/4" & 60 mm	0299-0261-00000-001
<b>j</b> Laser Aiming Device 1/2" BSP	0299-0261-00000-002
<b>k</b> AS200 Water Collector Set (includes 3 membranes) Size Range: 20 - 162 mm	0299-0249-0004-001
Replacement membranes (5 pack)	0299-0250-0004-001
<b>l</b> VB400 Vacuum plate (Fits AS200, S350, S500, QS600)	0299-0143-00000-026



**h** Front Handle Set

# VP140 VACUUM PUMP

A vacuum pump specifically designed for use with power tools which are anchored by a vacuum base.



5



4 Air Hose, 2.5 M



6



VP140 Vacuum Pump



7 Vacuum Tank



VB400 Vacuum Base

## Features

1. Integrated Switching Socket only supplies power to tool when sufficient vacuum is achieved.
2. Warning Buzzer sounds when vacuum is insufficient.
3. Vacuum Gauge alerts operator to vacuum status.
4. Quick-Release Fittings for faster set up.
5. Water Separator for draining out water from the system.
6. Safety Reset Button to energize the connected power tool.
7. Optional Vacuum Tank provides an added layer of safety.

Model	VP140
Power Input	200 W
Voltage	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
Air Flow	30.5 l/min (1.07 cfm)
Max Vacuum	-0.9 bar (-13 psi)
Ingress Protection	IPX4
Dimensions (LxWxH)	310 x 238 x 250 mm
Weight	6.7 kg (14.8 lb)
Characteristics / Certification	<b>CE CB</b>

Standard Accessories	
Air Hose 2.5M	
Optional Accessories	Part Number
Vacuum Tank (Includes Air Hose 1 M)	0299-0110-00000-001



**CONCRETE GRINDER**

# G5 Concrete Grinder

125 mm, high endurance concrete grinder with excellent dust control. Variable constant speed allows versatility and isolation handle mounts protect the operator from vibration. This style design is especially good for general concrete grinding tasks.



## Features

1. Constant speed is maintained regardless of load for an even finish.
2. Variable speed for different applications.
3. Tool-free sliding cover for edge grinding.
4. Effective dust control skirt with spring suspension and replaceable brush.
5. Anti-Vibration Handles isolate the operator from vibration.
6. Built-in lugs for mounting to the Floor Grinding Trolley.

**Standard/Optional Accessories See P.62**

Model	G5
Power Input	2200 W (220-240 V), 1700 W (110-120 V)
Voltage, Frequency	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
*No Load min <sup>-1</sup>	4500 - 9500
Wheel Diameter	125 mm (5")
Soft Start & Overload Protection	With
Arbor	22.23 mm (7/8")
Dimensions (LxWxH)	246 x 280 x 325 mm
Weight	5.8 kg (12.7 lb)
Characteristics / Certification	

### OPTIONAL ACCESSORIES:



Floor Grinding Trolley

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



# G7 CONCRETE GRINDER

180 mm, high endurance concrete grinder with excellent dust control. Variable constant speed allows versatility and isolation handle mounts protect the operator from vibration. This style design is especially good for general concrete grinding tasks.



## Features

1. Constant speed is maintained regardless of load for an even finish.
2. Variable speed for different applications.
3. Tool-free sliding cover for edge grinding.
4. Effective dust control skirt with spring suspension and replaceable brush.
5. Anti-Vibration Handles isolate the operator from vibration.
6. Built-in lugs for mounting to the Floor Grinding Trolley.

**Standard/Optional Accessories See P.62**

Model	G7
Power Input	2200 W (220-240 V) , 1700 W (110-120 V)
Voltage, Frequency	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
*No Load min <sup>-1</sup>	3200 - 6500
Wheel Diameter	180 mm (7")
Soft Start & Overload Protection	With
Arbor	22.23 mm (7/8")
Dimensions (LxWxH)	246 x 280 x 325 mm
Weight	5.74 kg (12.62 lb)
Characteristics / Certification	

### OPTIONAL ACCESSORIES:



Floor Grinding Trolley

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

## G125 CONCRETE GRINDER

125 mm, compact and high endurance concrete grinder with excellent dust control. Variable constant speed allows versatility and the LED Load Indicator allows the operator to work at peak efficiency. Angle style design is especially good for grinding floors.



### Features

1. Constant speed is maintained regardless of load for an even finish.
2. Variable speed for different applications.
3. LED Indicator for optimizing grinding efficiency with overload and overheat warning.
4. Waterproof and dustproof Hall-effect switch includes anti-restart function to protect operator in the event of interrupted power supply.
5. Adjustable ergonomic front handle allows clearance for edge grinding.
6. Effective dust control skirt with spring suspension and replaceable brush.
7. Tool-free sliding cover for edge grinding.

**Standard/Optional Accessories See P.62**

Model	G125
Power Input	2000 W (230-240 V), 1700 W (220 V), 1500 W (110-120 V)
Voltage, Frequency	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
*No Load min <sup>-1</sup>	4300 - 7200
Wheel Diameter	125 mm (5")
Soft Start & Overload Protection	With
Arbor	22.23 mm (7/8")
Spindle	M14
Dimensions (LxWxH)	500 x 195 x 175 mm
Weight	4.7 kg (10.3 lb)
Characteristics / Certification	

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

## G180 CONCRETE GRINDER

180 mm high endurance concrete grinder with excellent dust control. Variable constant speed allows versatility and the LED Load Indicator allows the operator to work at peak efficiency. Angle style design is especially good for grinding floors.



### Features

1. Constant speed is maintained regardless of load for an even finish.
2. Variable speed for different applications.
3. LED Indicator for optimizing grinding efficiency with overload and overheat warning.
4. Waterproof and dustproof Hall-effect switch includes anti-restart function to protect operator in the event of interrupted power supply.
5. Adjustable ergonomic front handle allows clearance for edge grinding.
6. Effective dust control skirt with spring suspension and replaceable brush.
7. Tool-free sliding cover for edge grinding.

**Standard/Optional Accessories See P.62**

Model	G180
Power Input	2400 W (220-240 V), 2100 W (110-120 V)
Voltage, Frequency	220-240 V~ 50-60 Hz, 110-220 V~ 50-60 Hz
*No Load min <sup>-1</sup>	3500 - 5800
Wheel Diameter	180 mm (7")
Soft Start & Overload Protection	With
Arbor	22.23 mm (7/8")
Spindle	M14
Dimensions (LxWxH)	540 x 210 x 195 mm
Weight	5.6 kg (12.3 lb)
Characteristics / Certification	

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

# BG125 HIGH FREQUENCY BRUSHLESS CONCRETE GRINDER & P4K POWER CONVERTER

Angle style 125 mm concrete grinder with super-efficient, high frequency PMSM brushless motor for high performance, long life and long duty cycles. Angle style design is especially good for grinding floors.



**P4K**



P4K Details See P.63

This grinder requires this P4K power converter to operate.

**Features**

1. Constant speed is maintained regardless of load for an even finish.
2. LED Indicator for optimizing grinding efficiency with overload and overheat warning.
3. IP55 waterproof and dustproof construction makes it ideal for grinding hazardous materials.
4. Tool-free sliding cover for edge grinding.
5. Effective dust control skirt with spring suspension and replaceable brush.
6. Adjustable ergonomic front handle allows clearance for edge grinding.
7. Hall effect switch is waterproof and dustproof. It includes anti-restart function to protect operator in the event of interrupted power supply.

**Standard/Optional Accessories See P.62**

Model	BG125
Power Input	2200 W
*No Load min <sup>-1</sup>	3550 - 5350
Wheel Diameter	125 mm (5")
Soft Start & Overload Protection	With
Arbor	22.23 mm (7/8")
Spindle	M14
Ingress Protection	IP55
Dimensions (LxWxH)	455 x 200 x 175 mm
Weight	4.6 kg (10.1 lb)
Characteristics / Certification	



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

# BG5 HIGH FREQUENCY BRUSHLESS CONCRETE GRINDER & P4K POWER CONVERTER

125 mm concrete grinder with super-efficient, high frequency PMSM brushless motor for high performance, long life and long duty cycles. This style design is especially good for general concrete grinding tasks.



■ P4K



P4K Details See P.63

This grinder requires this P4K power converter to operate.

## Features

1. Constant speed is maintained regardless of load for an even finish.
2. LED Indicator for optimizing grinding efficiency with overload and overheat warning.
3. IP55 waterproof and dustproof construction makes it ideal for grinding hazardous materials.
4. Tool-free sliding cover for edge grinding.
5. Hall effect switch is waterproof and dustproof. It includes anti-restart function to protect operator in the event of interrupted power supply.
6. Effective dust control skirt with spring suspension and replaceable brush.
7. Anti-vibration handle mounts for fatigue free operation.
8. Built-in lugs for mounting to the Floor Grinding Trolley.

Standard/Optional Accessories See P.62

Model	BG5
Power Input	2200 W
*No Load min <sup>-1</sup>	3850 - 5800
Wheel Diameter	125 mm (5")
Soft Start & Overload Protection	With
Arbor	22.23 mm (7/8")
Spindle	M14
Ingress Protection	IP55
Dimensions (LxWxH)	235 x 290 x 235 mm
Weight	5.1 kg (11.3 lb)
Characteristics / Certification	

■ OPTIONAL ACCESSORIES:



Floor Grinding Trolley

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

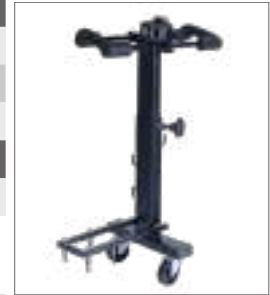
# Grinding Accessories

## BG125 High Frequency Brushless Concrete Grinder

Standard Accessories	Part Number
Lock Nut Wrench	305-00039-901-001
Face Spanner Wrench	302-04179-901-002
Hex Key M6	305-00004-901-001

## BG5 High Frequency Brushless Concrete Grinder

Standard Accessories	Part Number
Lock Nut Wrench	305-00039-901-001
Face Spanner Wrench	302-04179-901-002
Hex Key M6	305-00010-904-013
Optional Accessories	Part Number
<b>a</b> Floor Grinding Trolley	



## G5 Concrete Grinder

Standard Accessories	Part Number
Lock Nut Wrench	305-00039-901-001
Face Spanner Wrench	302-04179-901-001
Hex Key M6	305-00010-904-013
Optional Accessories	Part Number
<b>a</b> Floor Grinding Trolley	

**a** Floor Grinding Trolley

## G7 Concrete Grinder

Standard Accessories	Part Number
Lock Nut Wrench	305-00039-901-001
Face Spanner Wrench	302-04179-901-001
M6 Hex Key	305-00010-904-013
Optional Accessories	Part Number
<b>a</b> Floor Grinding Trolley	

## G125 Concrete Grinder

Standard Accessories	Part Number
Lock Nut Wrench	305-00039-901-001
Face Spanner Wrench	302-04179-901-002

## G180 Concrete Grinder

Standard Accessories	Part Number
Lock Nut Wrench	305-00039-901-001

## Replacement Flanges

Outer Flange	M14	307-01004-004-001
Inner Flange	22.2 mm (7/8")	307-01005-004-001

# Versatile Grinding For Professional Results



## Grinding Surfaces

For consistent, smooth and even surfaces, BG grinders are ideal for stripping epoxy or urethane resin coatings using PCD wheels. Hard concrete surfaces, whether it be walls floors or ceilings, can be comfortably and efficiently ground using soft bond diamond cup wheels.



## Profiling Surfaces

Ideal for grinding screed and tile adhesive using hard-bond diamond cup wheels. Attractive finishes can be achieved on concrete, stone or marble surfaces using the 7 adjustable speed settings of the BG5 and BG125.



## IP55 Ingress Protection

Protects both the BG5 and BG125 from water and dust ingress. Both grinders can be thoroughly washed, withstanding low pressure water jets, making them ideal for working with hazardous materials such as asbestos.

## Higher Reliability

No carbon brush changes and longer life time.

## Dust-resistant

Uniquely designed to prevent dust ingress.

## Higher Productivity

More efficient PMSM motor, reducing standard grinding time, saving effort and money.

## Adjustable speed

No carbon brush changes and longer life time.

## Clog-resistant

Grinds thinly coated materials without clogging the motor.



# Features

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## Edge Grinding

Both models have a tool-free sliding cover, allowing users to effortlessly switch between normal and edge grinding operations.



## LED Indicator

The LED indicator helps operators to optimize downward force, improving grinding efficiency by indicating normal load, maximum or exceeded full load. It also displays overheat warning for added safety.

## Uniquely Designed For **Maximum Output**



## Innovative Dust Skirt

Innovative and effective dust skirt is held in place with automatic spring suspension, adapting to any surface.



## Anti-Vibration Mounting

Operators can use the grinders for extended periods due to the anti-vibration mounting design.



## Adjustable Handle

The G125, G180, BG125 models come equipped with an adjustable handle allowing extra clearance for edge grinding, thus improving ergonomics and operator comfort.





## P4K POWER CONVERTER

Air cooled 4500 W power converter with special circuitry which allows it to accept a **full range of single phase supply voltages from 100 V up to 240 V** at the maximum possible power level.

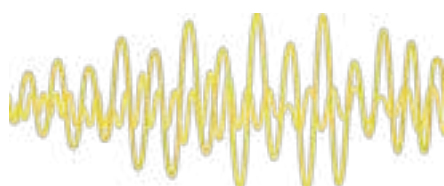
1. Converter can preset various speeds for different applications.
2. 4500 W power converter with special circuitry which allows it to accept single phase 100 V to 240 V and converts it to 3 phase, high frequency to control the motor.
3. Converter with built-in PRCD has full electronic protection for over and under voltage, thermal and current overload.
4. LCD Information Display shows voltage, error codes, and elapsed hours.



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



**Application: BG125, BG5**





**WALL CHASER  
&  
DRY WALL SANDER**

## 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.



## CG150 WALL CHASER

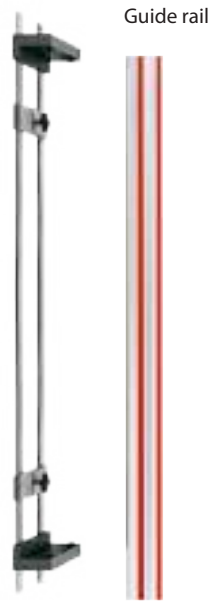
A powerful wall chaser specially designed for dust control with a maximum depth of 50 mm and cutting width up to 45 mm. Can run 5 blades for chasing in one step, with virtually no chiseling required afterwards. Features an optional efficient guide rail system.





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

Guide rail support Set



2 blades

5 blades

9



10

**Features**

1. Smart Electronic Control for constant speed, soft start, overload and thermal protection.
2. LED load indicator indicates load conditions.
3. Multi-location wheels for constant support over irregular surfaces.
4. Large switch for holding in various positions.
5. Adjustable cutting depth limiter.
6. Quick-opening blade guard and tool-free arbor screw for fast and easy blade changes.
7. Hall Effect Type Switch is impervious to dust or water.
8. Built in laser helps operator to produce a straight cut each time. (CG150)
9. Includes spacers for both 2 and 5 blade chasing. (CG150)
10. Tool free blade changes.

**Standard/Optional Accessories See P.69**

<b>Model</b>	CG125		
Power Input	1800 W (220 V), 1700W (110 V)	Depth of Cut control system	With
*No Load min <sup>-1</sup>	9000	Rotatable dust collection system	With
Max. Blade Diameter	Ø125 mm	Soft Start / Overload Protection	With
Max Depth of Cut	40 mm	Thermal Protection	With
Max Channel Width	35 mm	Constant Speed	With
Dimensions (LxWxH)	365 x 151 x 247 mm	Characteristics / Certification	
Weight	4.7 kg (10.4 lb)		

<b>Model</b>	CG150		
Power Input	2500 W (220 V), 2300 W (110 V)	Cut to Ceiling	25 mm
Voltage, Frequency	220-240 V~ 50-60 Hz	Cut to Edge	28 mm
*No Load min <sup>-1</sup>	6500	Blade bore size	22.23 mm (7/8")
Max. Blade Diameter	Ø150 mm	Soft Start / Overload Protection	With
Max Depth of Cut	50 mm	Thermal Protection	With
Max Channel Width	45 mm	Constant Speed	With
Dimensions (LxWxH)	365 x 220 x 288 mm	Characteristics / Certification	
Weight	7.2 kg (15.8 lb)		

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

# Wall Chaser Accessories

## CG125 Wall Chaser

Standard Accessories	Part Number
<b>e</b> Spacer Set	
Side Handle	
<b>a</b> 125 mm Diamond Saw Blade (Universal) x2	305-00036-000-081



**a** Diamond Saw Blade (Universal)

## CG150 Wall Chaser

Standard Accessories	Part Number
<b>e</b> Spacer Set	
Chisel	305-00268-000-004
<b>a</b> 150 mm Diamond Saw Blade (Universal) x2	305-00036-000-068
<b>f</b> Blow Molded Case	303-01228-026-002
Optional Accessories	Part Number
<b>c</b> Guide rail	0299-0065-00149-021
<b>d</b> Guide rail support Set	299-0246-0000-003
<b>b</b> 150 mm Diamond Saw Blade (Hard Material)	305-00036-000-069



**b** Diamond Saw Blade (Hard Material)



**c** Guide rail



**d** Guide rail support Set



**e** Spacers



**f** Blow Molded Case

# SB9 HIGH FREQUENCY BRUSHLESS DRYWALL SANDER

Ultra-light, super-efficiency, 225 mm drywall sander for maximizing productivity with minimum fatigue. Maintenance-free design. Corded brushless high frequency motor for outstanding performance.



Built-In Half-Moon Door



## Features

1. Ultra High Efficiency Brushless High Frequency Motor for unprecedented lightness.
2. Constant Speed Electronics for an even finish.
3. Direct drive motor does not need a flex shaft, making it maintenance free.
4. Speed adjusts to suit conditions for best sanding results.
5. Swiveling Bayonet Hose Coupling for freedom of movement.
6. Digital LED Information Display indicates speeds, elapsed hours, and error codes .
7. Built-In Half-Moon Door for edge sanding and Edge Cut-Out is fully adjustable to any angle needed.
8. Integrated Converter allows a wide range of voltages, and even performs well when using long extension cords.

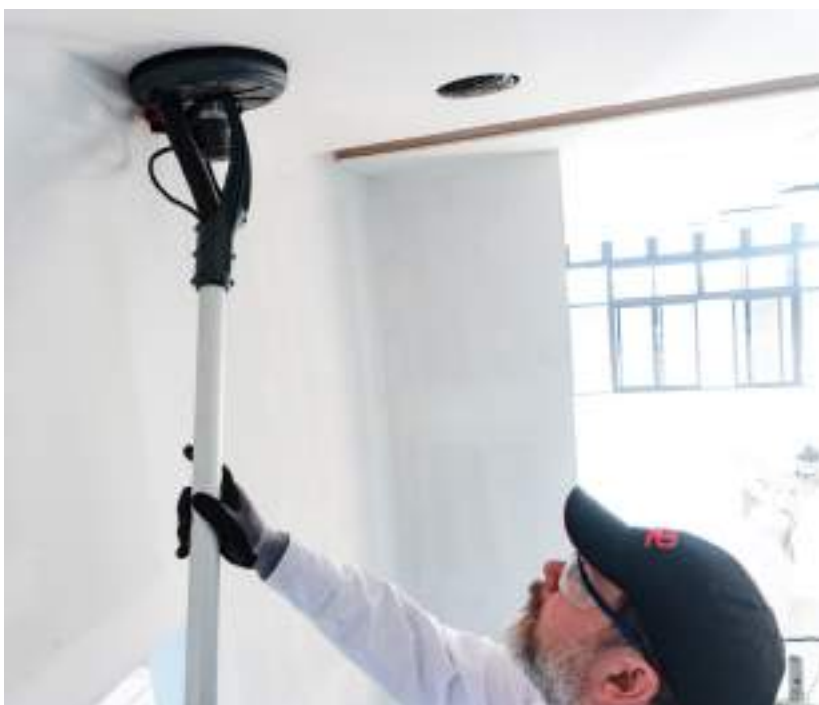
**Standard/Optional Accessories See P.70**

Model	SB9		
Power Input	450 W	Soft Start / Overload Protection	With
*Voltage, Frequency	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz	Dimensions (LxWxH)	1430 x 254 x 157 mm
**No Load min <sup>-1</sup>	1000-1600	Weight	2.8 kg (6.2 lb)
Sanding Disc Diameter	ø225 mm (8-7/8")	Insulation Class	Class I
Characteristics / Certification			

\* Due to the special electronics design, any voltage from 100 V to 250 V can be used with this tool.

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

# The Lightest In The World. Greater Productivity With Ease.



# Drywall Sander Accessories

## SB9 Brushless Drywall Sander

Standard Accessories	Part Number
<b>c</b> Carry Bag	308-01001-021-001
<b>a</b> Hook & Loop Sponge Backing Pad	303-02008-004-016
Optional Accessories	
<b>b</b> 225 mm Mesh Dustless Sanding Discs - various grits	
<b>d</b> Extension Bar	0299-0311-00000-001



**a** Hook & Loop Sponge Backing Pad

## Drywall Sander Optional Accessories

Optional Accessories	Part Number
<b>b</b> 225 mm 9" Fabric Mesh Dustless Sanding Discs	
Sanding Discs #80	305-00183-000-032
Sanding Discs #100	305-00183-000-033
Sanding Discs #120	305-00183-000-034
Sanding Discs #150	305-00183-000-035
Sanding Discs #180	305-00183-000-036
Sanding Discs #220	305-00183-000-037
<b>a</b> Hook & Loop Sponge Pad Black-White w/ 6 Holes (one side loop-one side hook)	303-02008-004-001



**b** 225 mm 9" Fabric Mesh Dustless Sanding Discs



**c** Carry Bag



**d** Extension Bar







**CONCRETE VIBRATORS**

# H43, H43S 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.



## Features

1. High frequency motor mounted directly in the vibrator head with hardened steel casing and heavy-duty bearings.
2. 400 Hz motor for higher efficiency and lighter weight than competitors' 200 Hz motors.
3. Sophisticated converter electronics protect the motor from overload and protect from over or under voltage. Special electronics allow the same unit to be used with either 110 or 220 V supply. There is no need for a separate converter - just plug directly into the outlet.
4. External aluminum heat sink for maximum cooling and easy cleaning.
5. Available with either type of hose clamping system upon request. (Band clamp type hose attachment is standard on H43 & H43S.)
6. Reinforced Cable Support Strap protects power supply cable.

**Standard/ Optional Accessories See p. 75**

Model	H43S	H43
Power Input	1200 W	1200 W
Voltage, Frequency	100-240 V ~ 50 -60 Hz	
Vibration Rate	12,500 VPM	12,500 VPM
Motor Frequency	400 Hz	
Centrifugal Force	2489 N	2489 N
Vibrator Head Size	Ø 43 mm x 300 mm	Ø 43 mm x 300 mm
Hose Size	Ø 36 mm x 0.85 m	Ø 36 mm x 6 m
Ingress Protection / Insulation Class	IPX7 / Class I	
Switch box Dimensions (LxWxH)	250 mm x 60 mm x 170 mm	
Weight	5.28 kg (11.6 lb)	9.5 kg (20.9 lb)

# Concrete Vibrator Accessories

## H43, H43S

### High Frequency Integrated Concrete Vibrators

#### Standard Accessories

PRCD / GFCI Interrupter

#### Optional Accessories

\* Custom hose lengths available according to customer request

\* Press-fit type hose attachment according to customer request (H43 & H43S)

## DS25L & DS35M VACUUM CLEANERS

Automatic filter cleaning by magnetic pulse, an ideal wet and dry vacuum for multiple purpose use.



**DS25L**



**DS35M**



Accessories kit  
305-00375-000-001



Replacement Fleece  
dust bags (5 pack)  
0299-0026-00000-004

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

Model	DS25L	DS35M
Max. Power Consumption (Vacuum only)	1600 W	1600 W
Max. Total Current (Vacuum + Tool)	16 A	
Dust Class	L	M
Volume Flow (Max) measured at the motor head	64 l/s	
Volume Flow (Max) measured at the end of hose	42 l/s	
Vacuum (max.) measured at the motor head	259 mbar	
Vacuum (max.) measured at the end of hose	230 mbar	
Container volume (max.) Gross-Dust-Water	25/20/15 L	35/25/22 L
Sound pressure level	69,0 db (A)	
Dimensions (LxWxH)	430 x 390 x 490 mm	530 x 400 x 550 mm
Net Weight	12.7 kg (28.0 lb)	15.7 kg (34.6 lb)
Power Cable Length	8.0 m	
Reach	13 m	
Characteristics / Certification	<b>CECB</b>	







**AGP<sup>®</sup>**



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