

AGE[®]



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The professional's choice.....



Lee Yeong Industrial Co., Ltd. founded in 1988, 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.



Variable Speed



Double Insulation



Two Speed



Forward and Reverse Switch



Overload Protection



Three Speed



Plastic Carry Case



Soft Start



Four Speed



Blow Molded Case



Constant Speed

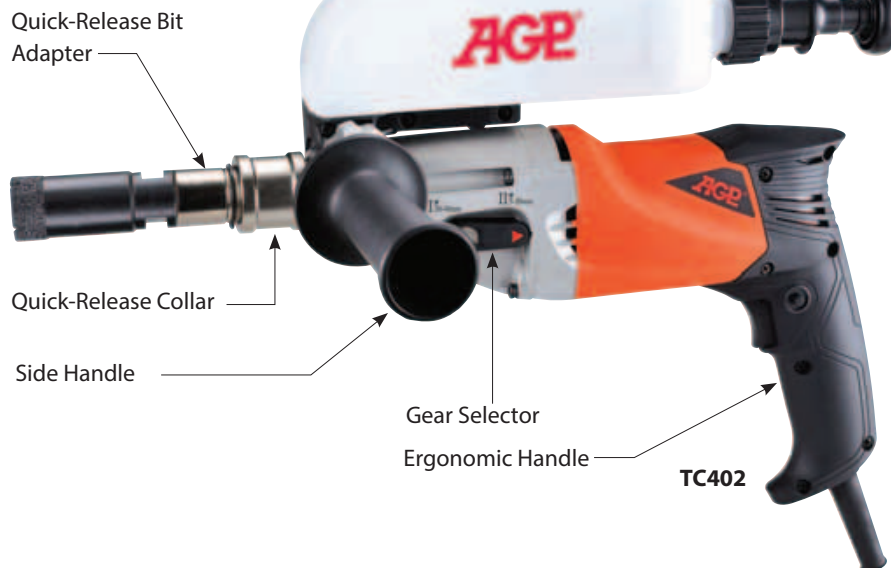
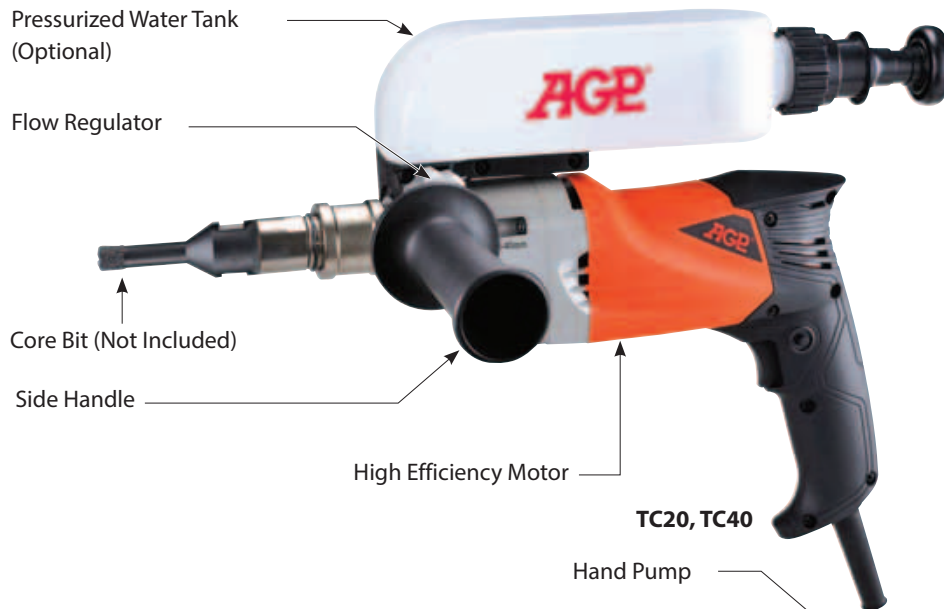
■ Manufacturer reserves the right to update specifications without prior notice. Specifications herein are for reference only. For latest specifications, refer to the machine nameplate.

TILE CORE DRILL

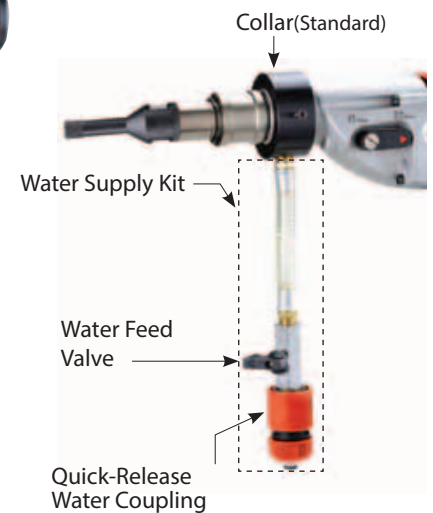
The tile core drills are specially designed to use small diamond core bits for wet or dry drilling either blind or through holes in tiles, ceramics, porcelain, stone, concrete, masonry, glass and similar materials.

Anyone who has tried to drill tiles with a rotary hammer knows just how easy it is to crack them or drill off center. These machines can drill tiles with precise control and without any chance of cracking. Even hard materials like porcelain and granite can be drilled with ease. The quick-release bits are easy to remove for clearing the cores. The optional autonomous pressurized water tank with adjustable flow is very convenient and allows for operating on job sites without a water supply. (It can also be connected to an outside water supply with the optional water supply kit if desired). The suction centering guide doubles as a slurry collector and allows precise control while minimizing mess.

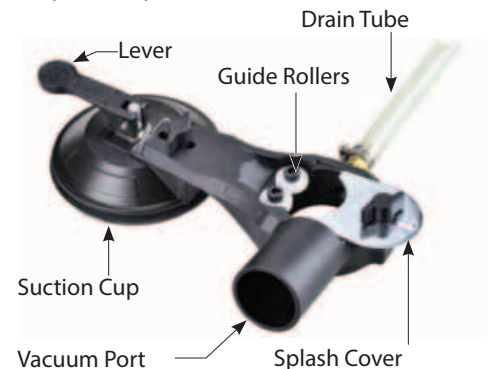
The perfect solution for drilling small holes in tiles.



■ Water Supply Kit (Optional)



■ Suction Centering Guide (Standard)



 TC402 only



Model		TC20	TC40	TC402
Power Input		650W		
Voltage		110-120V~ 50/60Hz, 220-240V~ 50/60Hz		
No Load / full Load min ⁻¹	Speed 1	7500 / 4500	4500 / 2700	4500 / 2700
	Speed 2	N/A	N/A	7500 / 4500
Capacity		20mm (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 (G 1/2") 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

TILE CORE DRILL MACHINE

Our **TC100** is an all-new solution for on-site drilling of tiles which have already been laid. Ideally designed to be used in conjunction with our VP140 Vacuum Pump, The machine mounts directly to the floor for super fast and accurate drilling up to 100mm holes in even the hardest tiles like porcelain and granite. The vacuum base and stand offer excellent guidance for safe and perfectly aligned drilling. Purpose-built for wet drilling with sintered core bits, the TC100 is equipped with integrated water feed and PRCD / GFCI interrupter. A two speed gear box and adjustable height slide allow a wide range of diamond core bits to be used. A water collector ring with vacuum port is included to minimize mess. It also includes a built-in, spring-loaded centering pointer. Drilling tiles has never been easier.



Model	TC100
Power Input	1100W
Voltage	100-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load Min ⁻¹	1000 / 2000
Capacity	100mm (4")
Max. Core Bit Length	145mm
Effective Stroke	110mm
Spindle Thread	1/2" BSP
Protection Class	Class I with PRCD / GFCI
Net Weight	10.6kg(23.37Lbs)

STANDARD ACCESSORIES

- * T-Handle Hex Key M6 x1
- * L-Hex Key M2.5 x1
- * M8 Combination Wrench x1
- * M32 Open-End Wrench x1
- * PRCD / GFCI Interrupter x1
- * Vacuum Base Seal x5
- * Water Collector Ring x1



WET + DRY DIAMOND CORE DRILL

The **DM160** is built as a heavy duty wet or dry diamond core drill. It is made to be easily converted from wet to dry use by removing the water seal mounted at the front of the gear box. The 3 speed gear box provides the ideal cutting speed and maximum torque. The slip clutch and electronic overload protection provide safe, hassle free drilling.



■ Quick Change Conversion to Wet or Dry.

■ Dry Core Drill Mode



■ Wet Core Drill Mode



Mounted To The Optional Rig (See P15)

■ Water Collector for DM160 (Optional)



Part Number
0299-0037-00000-002

Model	DM160		
Power Input	110-120V:1700W, 220-240V:2000W		
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz		
	Speed 1	Speed 2	Speed3
No load min ⁻¹	400-850	750-1640	1550-3450
Full Load min ⁻¹	240-510	450-984	930-2070
Capacity-Wet	Hand-Held	80mm(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 kq (13.2 Lbs)		



STANDARD ACCESSORIES

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

OPTIONAL ACCESSORIES

- * Dry Arbor Adaptor x1
- * Anti-Vibration Side Handle x1
- * SDS Pilot Drill Socket x1

DRY DIAMOND CORE DRILL

The **DM51D** and **DM51P** are very useful and effective single-speed hand-held diamond core drills. All models are equipped with our all new high efficiency 1.8kw motors which include soft start and an effective overload protection system. This system allows the operator to work at peak efficiency. As an added level of safety the single speed gear box has a mechanical slip clutch.

There are a number of key options which make this new series capable of different tasks based upon its configuration: the switchable soft percussion function keeps the diamonds sharp and makes dry drilling much more efficient.

There are a number of spindle threads available. Please specify the spindle thread when ordering.

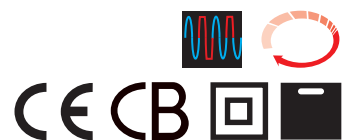
■ Pistol-Handle Model (DM51P)



■ D-Handle Model (DM51D)



Model	DM51P	DM51D
Power Input	110-120V:1800W (15.6A), 220-240V:1800W (7.8A)	
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz	
No Load /Full Load min-1	3600 / 2160	
Percussion Frequency (optional)	56,000 bpm	
Spindle Thread	1/2" BSP female (w/water feed) or M18-2.5 male (dry) (Specify when ordering)	
Capacity-Dry	102mm (4")	
Soft Start & Overload Protection	With	
Mechanical Safety Clutch	With	
Protection Class	Class II	
Dimensions(LxWxH)	390mm x 90mm x 280mm	450mm x 90mm x 210mm
Neck Diameter	60mm	60mm
Net Weight	4.5kg (9.92Lbs)	4.7kg (10.36Lbs)



STANDARD ACCESSORIES

- * Side Handle x1
- * Percussion Selector x1

OPTIONAL ACCESSORIES

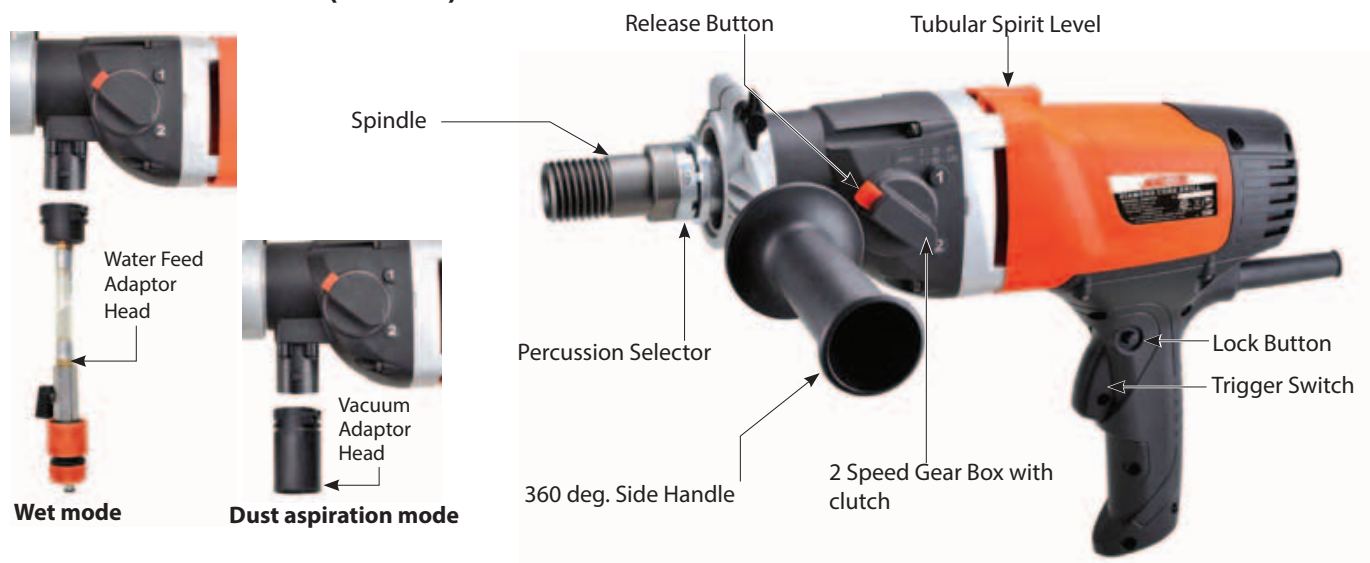
- * Anti-Vibration Side Handle x1
- * SDS Pilot Drill Socket x1

WET + DRY DIAMOND CORE DRILL

The **DM52D, DM52P** are very useful and effective two-speed hand-held diamond core drills. They are convertible between wet drilling and dry drilling with dust aspiration. All models are equipped with our all new high efficiency 1.8kw motors which include soft start, thermal protection and our very effective overload protection system. This system allows the operator to work at peak efficiency. As an added level of safety the two speed gear box has a mechanical slip clutch. There are a number of key options which make this new series capable of different tasks based upon its configuration:

- For dry drilling, the switchable soft percussion function keeps the diamonds sharp and makes dry drilling much more efficient.
Note: this function should not be used with wet diamond core bits. These machines may be ordered without this function if it is not needed.
- The convertible arbor port allows quick conversion between water feed and through-the-spindle dust aspiration. The water feed adaptor head and vacuum adapter head simply fit in the port with a bayonet connection. These machines may be ordered without either of the adapter heads if it is not needed.
- There are a number of spindle threads available. Please specify the spindle thread when ordering.

■ Pistol-Handle Model (DM52P)



■ D-Handle Model (DM52D)



Model	DM52P	DM52D
Power Input	110-120V:1800W (15.6A), 220-240V:1800W (7.8A)	
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz	
No Load /Full Load min ⁻¹	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-Wet	80mm (3-1/8")	
Capacity-Dry	160mm (6-1/4")	
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

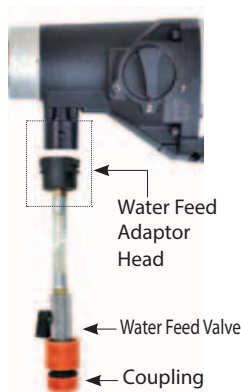
- * Anti-Vibration Side Handle x1
- * SDS Pilot Drill Socket x1

WET + DRY DIAMOND CORE DRILL

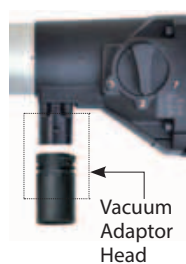
Our **DMC6P** and **DMC6D** wet/dry convertible drills allow the operator the choice of wet drilling with water feed or dry drilling with through-the-spindle dust extraction. The specially made gear box port allows quick, tool-free conversion. These machines bring a whole new level of seriousness to the jobsite. No detail was overlooked when we designed these to be the most dependable, heavy-duty and efficient machines possible. The motor housing, gear box and gear plate are all made from magnesium alloy for minimal weight and maximum strength. The all-metal construction allows for both improved cooling and increased durability. The smart electronic motor control includes soft start, current and thermal overload as well as a very useful load warning system and indicator light. The tough construction also extends to the three speed oil bath gear box, with mechanical clutch and integrated water feed system. The 60mm mounting neck can also mount into a rig for even larger drilling jobs. The two-in-one spindle offers both 1-1/4" UNC and 1/2" BSP and has a built-in anti-seize ring. For electrical safety we include the PRCD / GFCI interrupter. If you're a professional and you need the best of the best, then look no further.

Standard:

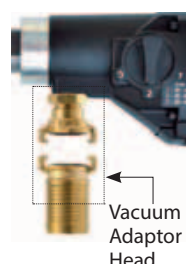
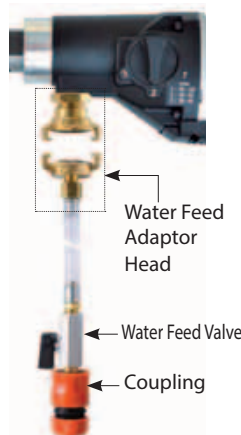
Wet mode



Dust aspiration mode



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	110-120V:1700W (15A), 220-240V:2000W (8.7A)	
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz	
No Load min ⁻¹	930 / 1520 / 4270	
Rated Load Speeds min ⁻¹	560 / 910 / 2560	
Capacity-Wet	Hand-Held: 80mm (3") Rig-Mounted:160mm (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 Combination Wrench x2
- * Water Feed Adaptor Head x1
- * Vacuum Adaptor Head x1
- * PRCD / GFCI Interrupter x1

OPTIONAL ACCESSORIES

- * Anti-Vibration Side Handle x1
- * SDS Pilot Drill Socket x1
- * Brass Geka-Type Couplings

WET DIAMOND CORE DRILLING MACHINE

Our **DM6P** and **DM6D** are the first in our new premium line of diamond core drilling machines and bring a whole new level of seriousness to the jobsite. No detail was overlooked when we designed these to be the most dependable, heavy-duty and efficient machines possible. The motor housing, gear box and gear plate are all made from magnesium alloy for minimal weight and maximum strength. The all-metal construction allows for both improved cooling and increased durability. The smart electronic motor control includes soft start, current and thermal overload as well as a very useful load indicator light. The tough construction also extends to the three speed oil bath gear box, with mechanical clutch and integrated water feed system. The 60mm mounting neck can also mount into a rig for even larger drilling jobs. The two-in-one spindle offers both 1-1/4" UNC and 1/2" BSP and has a built-in anti-seize ring. For electrical safety we include the PRCD / GFCI interrupter. If you're a professional and you need the best of the best, then look no further.

■ 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

Three speed oil bath Gear
Box with clutch

Water Supply Kit with Quick-Release
Water Hose Coupling

Built-in levels

super-performance motors

Built-in levels

Indicator Light

On/Off Trigger Switch

■ 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

Built-in Levels

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

On/Off Trigger
Switch

Three speed oil bath
Gear Box with clutch

Built-in Levels

Model	DM6P	DM6D
Power Input	110-120V:1700W (15A), 220-240V:2000W (8.7A)	
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz	
No Load min ⁻¹	930 / 1520 / 4270	
Rated Load Speeds min ⁻¹	560 / 910 / 2560	
Capacity-Wet	Hand-Held: 80mm (3") Rig-Mounted:160mm (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(13.89Lbs)	



STANDARD ACCESSORIES

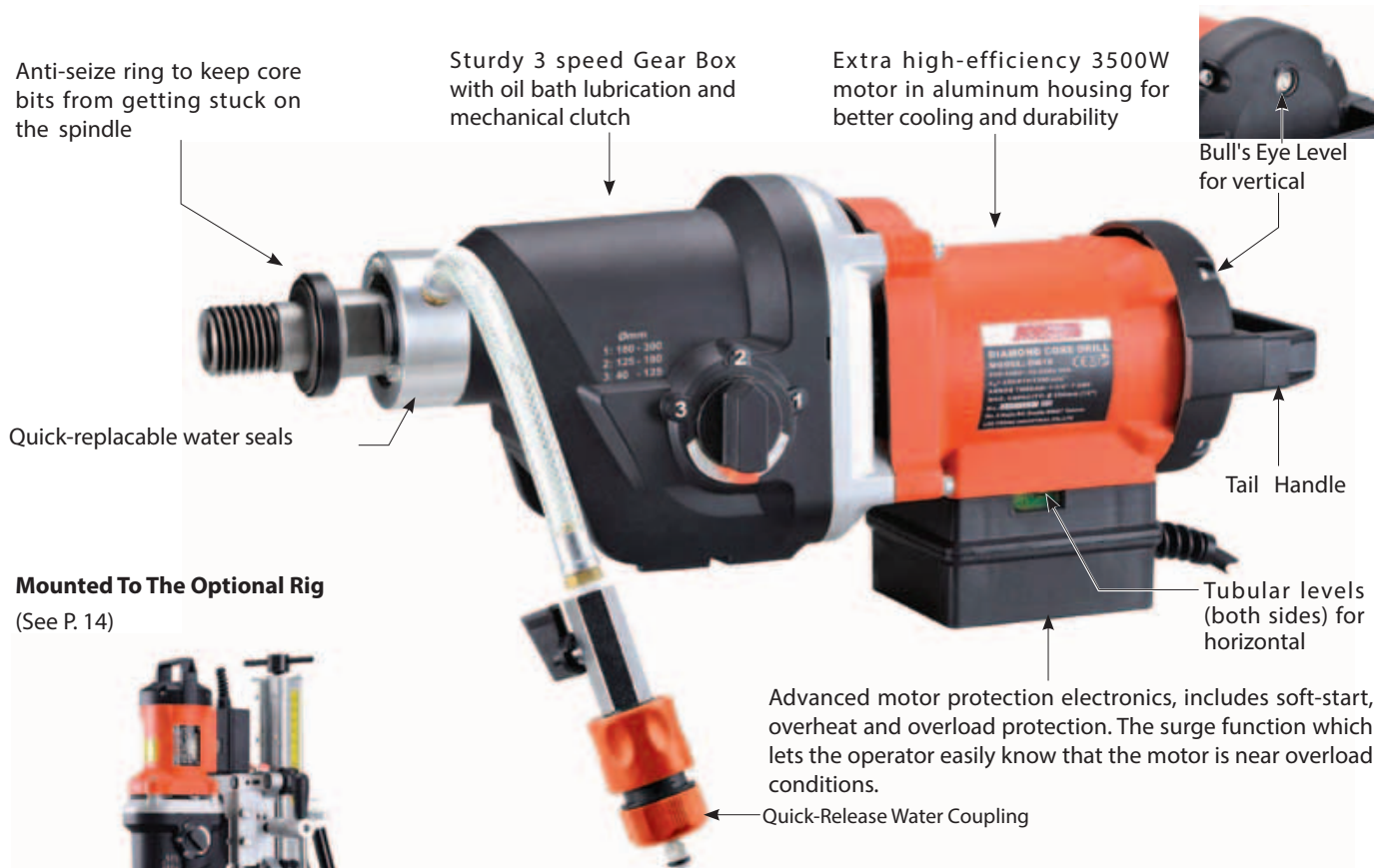
- * Side Handle x1
- * Water Supply Kit x1
- * M32 Combination Wrench x2
- * PRCD / GFCI Interrupter x1

OPTIONAL ACCESSORIES

- * Anti-Vibration Side Handle x1
- * SDS Pilot Drill Socket x1

WET RIG-MOUNTED DIAMOND CORE DRILL MOTORS

Our all-new **DM9 & DM10 & DM12 & DM14** are the latest in our new premium line of diamond core drilling machines. These are built for the stresses of continuous professional use. The motors are built for extreme durability and super efficiency. These are our most powerful single phase motors. The all-metal construction allows for both improved cooling and increased durability. The smart electronic motor control includes soft start, current and thermal overload as well as a very useful pulse overload warning system. The oil bath four and three speed gear boxes include a high performance mechanical clutch. The spindle includes an anti-seize ring. If you're a professional and are looking for a serious core drilling motor, then this is the machine for you.

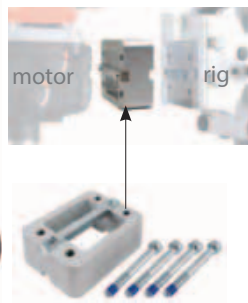


Mounted To The Optional Rig
(See P. 14)



OPTIONAL ACCESSORIES:

Optional: 40mm 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 80mm to the maximum core bit diameter with a given stand.)

The spacer kit includes:

1. Spacer (1 pc)
2. M8 x 75 Screw (4 pcs)
3. Tenon M10 x 10 x 100 (1 pc)
4. M5 x 12 Screw (2 pcs)

40mm Spacer Kit

Part Number

0299-0214-0000-001



STANDARD ACCESSORIES

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

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

OPTIONAL ACCESSORIES

- * 40mm Spacer Kit x1

Model	DM9	DM10	DM12
Power Input	110-120V:2800W (25A), 220-240V:3500W (16A)		
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz		
No Load Speeds min ⁻¹	550 / 1000 / 1600	450 / 810 / 1300	350 / 600 / 1000
Rated Load Speeds min ⁻¹	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)		

WET RIG-MOUNTED DIAMOND CORE DRILL MOTORS

Anti-seize ring to keep core bits from getting stuck on the spindle

Sturdy 4 speed Gear Box with oil bath lubrication and mechanical clutch

Extra high-efficiency 3500W motor in aluminum housing for better cooling and durability



Quick-replaceable water seals

Tail Handle

Tubular levels (both sides) for horizontal

Advanced motor protection electronics, includes soft-start, overheat and overload protection. The surge function which lets the operator easily know that the motor is near overload conditions.

Quick-Release Water Coupling

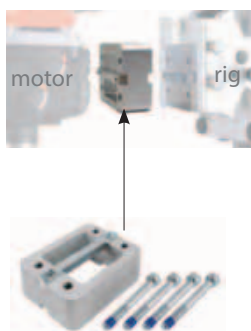
Bull's Eye Level for vertical

Mounted To The Optional Rig
(See P. 14)



OPTIONAL ACCESSORIES:

Optional: 40mm 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 80mm to the maximum core bit diameter with a given stand.)

The spacer kit includes:

1. Spacer (1 pc)
2. M8 x 75 Screw (4 pcs)
3. Tenon M10 x 10 x 100 (1 pc)
4. M5 x 12 Screw (2 pcs)

40mm Spacer Kit

Part Number

0299-0214-0000-001



STANDARD ACCESSORIES

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

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

OPTIONAL ACCESSORIES

- * 40mm Spacer Kit x1

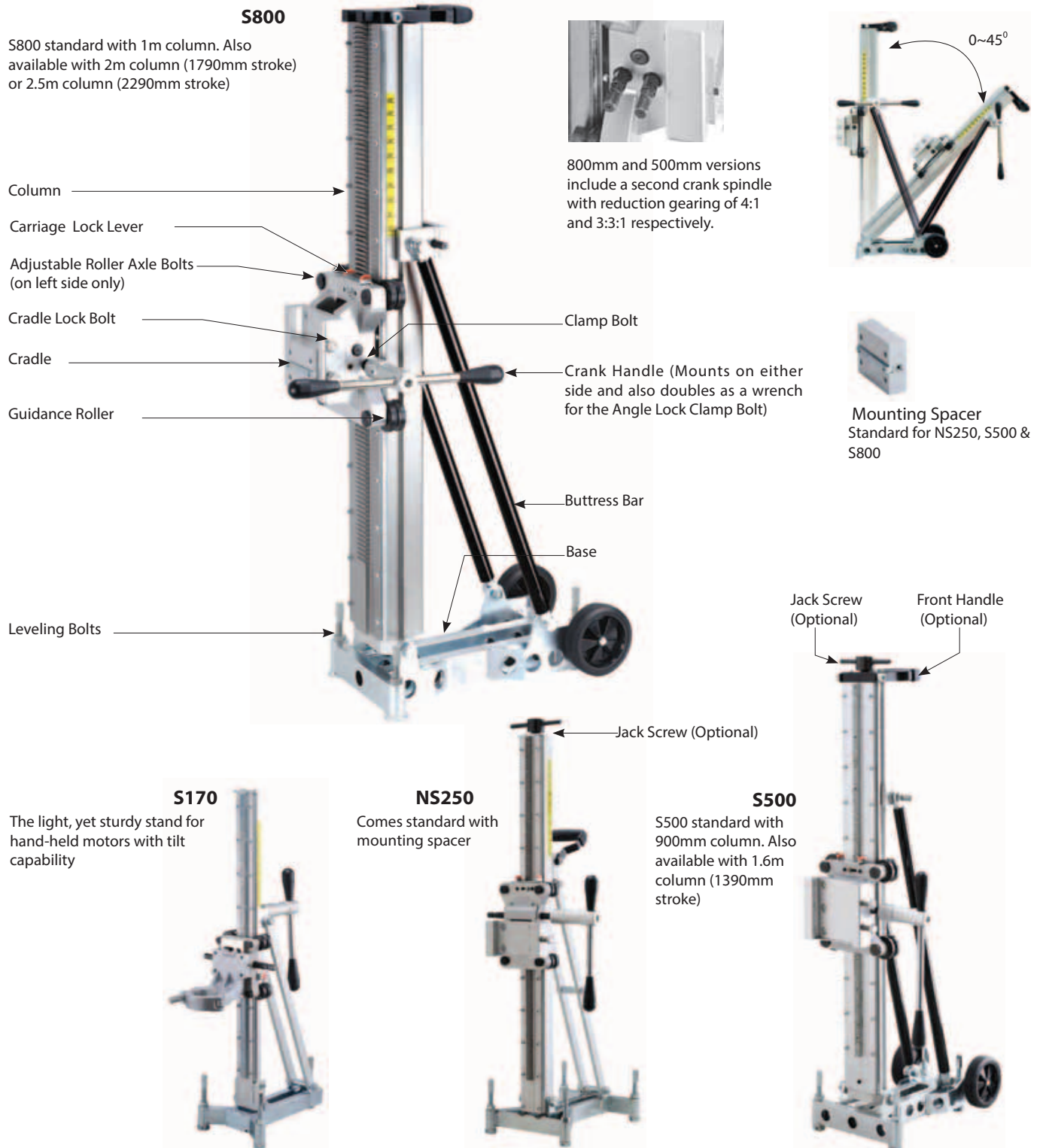
Model	DM14
Power Input	110-120V:2800W (25A), 220-240V:3500W (16A)
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load Speeds min ⁻¹	385 / 530 / 975 / 1340
Rated Load Speeds min ⁻¹	225 / 300 / 565 / 780
Drilling Capacity	Ø400mm (16")
Gear Oil Type	90W
Gear Oil Capacity	625ml
Spindle Thread	1-1/4" UNC 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 (27.8 Lbs)

DIAMOND CORE DRILL STANDS

Our premium line of drill stands were created to provide the capabilities required by high capacity operators who need a rig which can remain stable under the most extreme torque loads. The alloy mast with tilt capability and steel base give the most rigid structure possible with the roller carriage providing perfect guidance with zero play.

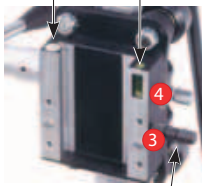
For convenience, the crank handle doubles as a wrench for many of the fasteners and adjusters. The largest stand in the series is conservatively rated for 800mm (32") core bits. This is followed by the 500mm (20"), 250mm (10") and 170mm (6-1/2") versions. In addition to the standard 1:1 crank gearing, the 800mm and 500mm versions also include a second built-in crank spindle with reduction gearing of 4:1 and 3.3:1 respectively. This makes drilling in large sizes a lot easier on the operator. Optional extension spacers are available for larger diameter core bits to maintain clearance between the bit and the the stand. Extension spacers in sizes 45, 100, 150 and 200mm are optionally available. These may also be stacked together as needed to acheive the required distance.

In addition to the standard mounting spacer, the 250mm stand comes with a clamp bracket for mounting hand-held drilling motors. This part is available as an option for the other stands, as well. The 170mm stand is equipped with our unique quick-release cradle system. It has never been so quick and easy to mount and dismount the motor from the stand!



■ Optional Rigs for DM160

Built In Bubble Levels



Locking Screw



44mm Clamp Bracket



60mm Clamp Bracket

Quick Setting Design

Tilts Up To 45 Degrees

Centering system

OS250

Optional : Jack Screw

Guide rollers on eccentric shafts for adjusting play in carriage guidance

Adjusting screw for angle setting

Locking Knob

Quick release Crank handle can double as a Hex. Wrench to fit the following 5 positions

1 2 3 4 5

No extra wrench is needed to release the cradle, loosen the clamp bracket or adjust the tilt angle!

Cutting Depth Scale

Optional: Wheels

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 Spacer (except S170)
- * Quick-Release Clamp Bracket (S170 only)
- * OS250 only: 44mm or 60mm Clamp Bracket (Specify when ordering)

OPTIONAL ACCESSORIES

- * Jack Screw (except S170)
- * 60mm Clamp Bracket (except S170)
- * 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)

Part Number

0299-0159-00000-005

OPTIONAL ACCESSORIES:

Extension Spacers



200mm



150mm



100mm



45mm



Anchoring Plate

200mm

150mm

100mm

45mm

Anchoring Plate

Part Number

0299-0159-00000-004

0299-0159-00000-003

0299-0159-00000-002

0299-0159-00000-001

302-04464-903-001

Model	S170	NS250	S500	S800	OS250
Capacity w/o extension spacers (mm)	Ø170	Ø250	Ø350	Ø350	Ø250
Max. Capacity with extension spacers (mm)	N/A	N/A	Ø500	Ø800	N/A
Effective Stroke(mm)	540	660	690	760	615
Dimensions (LxWxH)(mm)	460x215x815	400x245x1005	480x240x1025	555 x 275 x 1035	360 x 240 x 960
Net Weight(Not Including crank handle)(kg)	10.1kg(19.36Lbs)	14.4kg(31.68Lbs)	19.08kg(41.97Lbs)	26.5kg(58.42Lbs)	13.5kg (29.76Lbs)

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

S500 available with 1.6m column (1390mm stroke)

DIAMOND CORE BITS & OPTIONAL ACCESSORY SPECIFICATIONS



SDS Pilot Drill Socket



Jack Screw



PRCD / GFCI Interrupter protection



Dry Arbor Adaptor



Wet-Type Thread Adaptor



Front Handle Set

- **SDS Pilot Drill Socket (for models with female 1/2" BSP spindles) x1**

Part Numbers

302-04387-907-001

- **Jack Screw for S250, OS250, S500 x1**

302-04178-907-001

- **Jack Screw for S800 x1**

302-04178-907-003

- **Wet-Type Thread Adaptor (For models with 1-1/4"-7 UNC spindles) x1**

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 x1**

(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 x1**

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)



Ring Set



Vacuum Collector Pad (large)



Ring Set

Vacuum Collector Pad Set (small)x1

Vacuum Collector Pad (small) x1

Ring (D45) x1

Ring (D55) x1

Ring (D65) x1

Ring (D75) x1

Part Number

0299-0113-00000-002

303-02025-004-002

303-02034-004-003

303-02034-004-004

303-02034-004-005

303-02034-004-006

Collector Pad Set (large) x1

Vacuum Collector Pad (large) x1

Ring (D110) x1

Ring (D130) x1

Part Number Vacuum

0299-0113-00000-001

303-02025-004-001

303-02034-004-001

303-02034-004-002

- **Torque Wrench Adapter Socket x1**



Description:

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)

Part Number

DM5: 302-04480-903-001

DM6: 302-04480-903-003

DM160: 302-04480-903-008

DM10 & DM10: 302-04480-903-005

DM12 & DM14: 302-04480-903-005

- **Holding Fixture for adjusting clutches x1**



Description:

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

Part Number

DM5: 0202-0117-00000-001

DM6: 0202-0117-00000-002

DM160: 0202-0117-00000-005

DM9&DM10: 0202-0117-00000-003

DM12: 0202-0117-00000-003

DM14: 0202-0117-00000-004

- **Anti-Vibration Side Handle** for DM52P, DM52D, DM51P, DM51D, DMC6P,DMC6D,DM6P, DM6D, DM160 x1



Part Numbers

203-0115-00004-001

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

These are excellent, general-purpose wet core bits which are long wearing. They are especially good for heavily reinforced concrete with hard aggregates.



450mm Length (1-1/4"-7 UNC Coupling) Diameter (mm)

Segment Dimensions (mm) Height x Thickness & Number of Segments

Part Number

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
111	H 10 x T 3.5 - 10 seg.	305-03356-004-048
113	H 10 x T 3.5 - 10 seg.	305-03356-004-049
121	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
131	H 10 x T 3.5 - 10 seg.	305-03356-004-052
141	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
205	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

Special Core Bit for Asphalt:

102	H 10 x T 4.0 - 9 seg.	305-03356-004-067
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■ Dry-Type Diamond Core Bits (For models with M16 coupling)

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

	Diameter (mm)	Part Number	Part Number
		150mm Length	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, TC100)

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

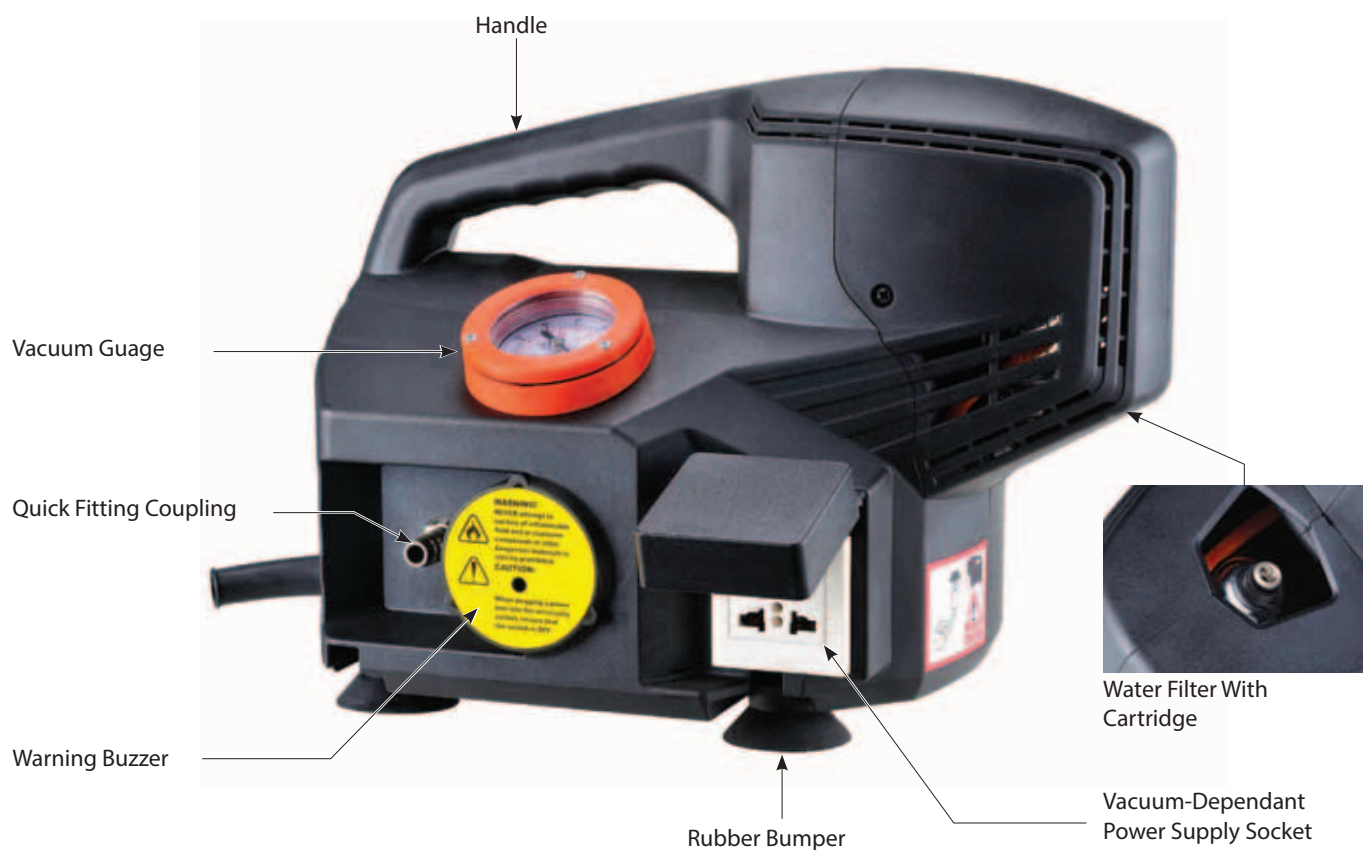
	Diameter (mm)	Part Number	Part Number
		M14-2.0 Thread	G 1/2" BSP Thread
	6	305-03356-004-084	305-03356-004-096
	8	305-03356-004-085	305-03356-004-097
	10	305-03356-004-086	305-03356-004-098
	12	305-03356-004-087	305-03356-004-099
	14	305-03356-004-088	305-03356-004-100
	16	305-03356-004-089	305-03356-004-101
	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

VACUUM PUMP

This purpose-built vacuum pump is specifically designed for use with power tools which are anchored by a vacuum base, such as vacuum base diamond core drilling rigs and others.

Traditionally there is always a safety concern due to the possible loss of vacuum during power tool operation. This machine has two powerful safety mechanisms which address this. The first is the warning buzzer which signals whenever the vacuum is less than 0.77 bar. The second is the vacuum-dependant power supply socket. The power tool is plugged into this power supply socket on the vacuum pump. This socket is only energized when the vacuum has achieved the pre-set minimum of 0.77 bar. If for any reason the vacuum is leaking, the power tool will have its power shut off and the warning buzzer will alert the operator.

This pump is also ergonomically designed with perfect weight balance for easy carrying.



OPTIONAL ACCESSORIES:

Vacuum Tank

Handle



Air Hose 2.5M

Safety Reset Button

On / Off Switch



CECB

Model	VP140
Power Input	200W
Voltage	110-120V~ 50-60Hz, 220-240V~ 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

CONCRETE SAW

The **C14** is a hand-held saw for concrete, masonry and stone. The 2800W motor offers plenty of power for fast cutting performance and has full electronic overload and thermal protection. The balanced, chainsaw style handles allow maximum control and ideal visibility of the cut. The detachable guide rollers make it easy to keep the blade perfectly square to the cut. The integrated water feed system allows fine tuning of the water supply. For water containment there is a spring-loaded splash guard and a unique brush at the rear of the blade guard which is quick-removable for easy cleaning. It is designed for wet cutting, but is also perfectly suitable for dry cutting. There is a vacuum port which can be used either for wet slurry collection or for dry dust collection. Or use the optional Dust Skid for the ultimate in dry dust control with no sacrifice of cutting depth. Magnesium alloy is used for the blade guard, gear plate and gear box for maximum strength and minimal weight. The blade guard includes locking tool-free adjustment. Truly a versatile and powerful concrete saw for a wide range of applications.



OPTIONAL ACCESSORIES:

- **Dust Skid** (Optional) with spring-loaded suspension



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

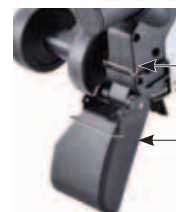
Diameter 355mm(14'')

Dust Skid

Part Number

305-00036-000-062

0299-0212-0004-001



Female Clip

Male Clip

Spring-Loaded Splash Guard



STANDARD ACCESSORIES

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

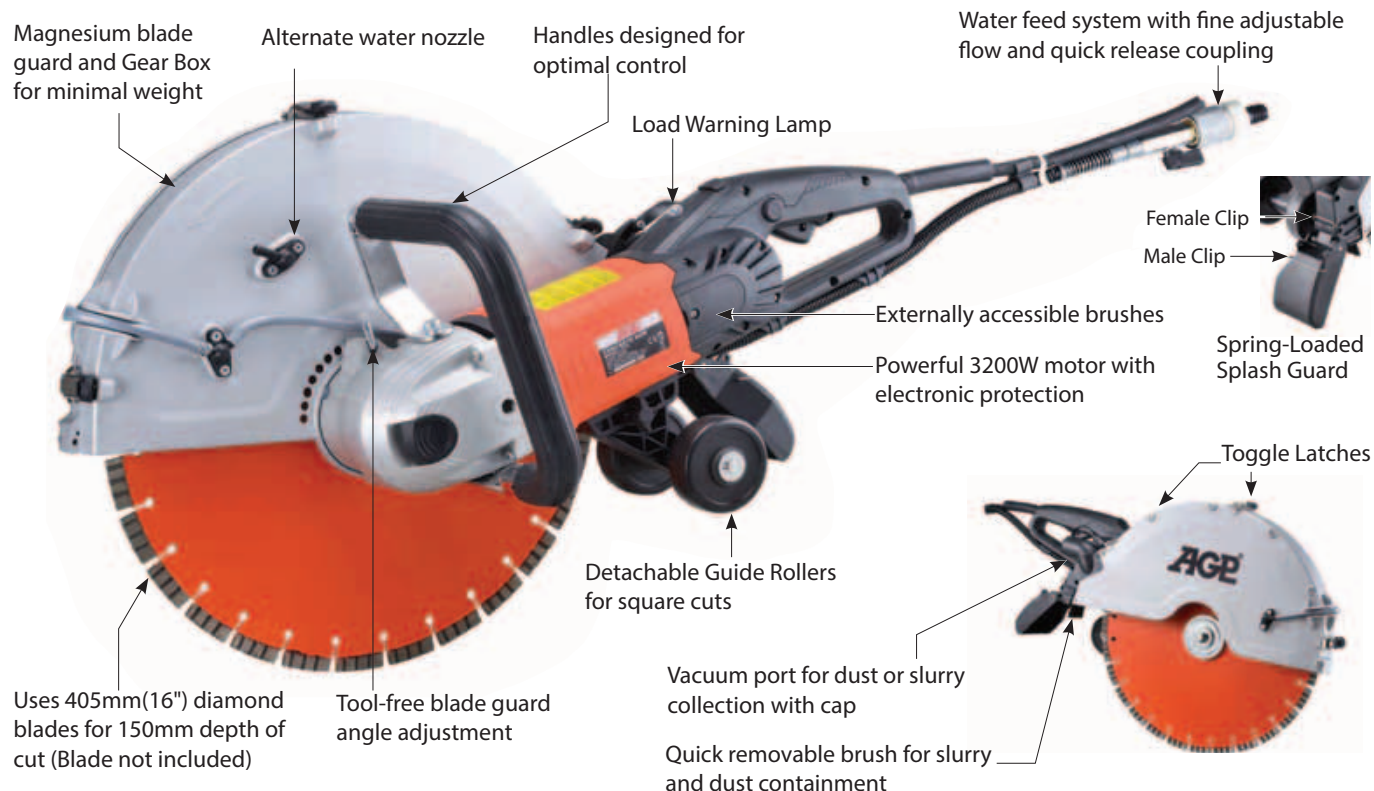
OPTIONAL ACCESSORIES

- * Diamond Blade x1
- * Dust Skid x1

Model	C14
Power Input	110V: 1700W, 220V: 2800W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load/min ⁻¹	4500
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	7.9kg (17.42 Lbs) (8.3kg (18.3 Lbs) with guide rollers)

CONCRETE SAW

The **C16** is a 16" hand-held saw for concrete, masonry and stone. The 3200W motor offers plenty of power for fast cutting performance and has full electronic overload and thermal protection. The 405mm blade gives a full 150mm of cutting depth. The balanced, chainsaw style handles allow maximum control and ideal visibility of the cut. The detachable guide rollers make it easy to keep the blade perfectly square to the cut. The integrated water feed system allows fine tuning of the water supply. For water containment there is a spring-loaded splash guard and a unique brush at the rear of the blade guard which is quick-removable for easy cleaning. It is designed for wet cutting, but is also perfectly suitable for dry cutting. There is a vacuum port which can be used either for wet slurry collection or for dry dust collection. Magnesium alloy is used for the blade guard, gear plate and gear box for maximum strength and minimal weight. The blade guard includes locking tool-free adjustment. Truly a versatile and powerful concrete saw for a wide range of applications.



Optional Flush Cutting Kit

The optional quick-change Flush Cutting Kit, once mounted with a suitable flush cutting blade, makes it easy to switch between standard cutting and flush cutting. All that's needed is to switch the water tube to the alternate water nozzle and open the 3 toggle latches. The latches have keepers to prevent rattling. We have 2 configurations available: a 60mm six-bolt flange or a flange with a combination of 1" Longyear six-bolt and Cardi three-bolt patterns. Each kit comes complete with the flange, special arbor screw with washer, 6 flat head screws, and M5 & M8 L-hex wrenches.

Flush Cutting Kit

- A.** 1" arbor Longyear 6-bolt
(3-1/2" bolt hole circle) & Cardi 3-bolt
B. 1" arbor 6-bolt (60mm bolt hole circle)

Part Number

0299-0213-0000-001
0299-0213-0000-002

A.

B.



OPTIONAL ACCESSORIES:

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



Diameter
405mm(16")

Part Number
305-00036-000-063

Model	C16
Power Input	110V: 2300W (certificate), 3000W (actual) 220V: 2700W (certificate), 3200W (actual)
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load/min ⁻¹	3900
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	9.6 kg (21.1 Lbs), (10.1 kg (22.2 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

- * Diamond Blade x1

CONCRETE GRINDER

PATENTED

The **SM5**, when combined with the optional wearable dust bag system, is a revolutionary self-contained concrete grinding system. The built-in turbine exhausts the dust into the special, wearable dust bag with straps and vacuum hose. This eliminates the need for a separate vacuum cleaner, giving the operator unprecedented mobility. Working dust-free and without encumbrance, this makes working over large areas easier than ever before. It's especially useful in situations where it's difficult to use a vacuum cleaner; like working in high places or grinding stairs. This is an excellent design and dust collection efficiency is truly effective. Of course, it can also be used with vacuum cleaner if desired. The handle assembly is anti-vibration rubber mounted for operator comfort. The dust skirt includes a tool-free half-moon door for edge grinding. Includes 2 arbor spacers for accomodating different offsets of various diamond cut wheels or to compensate for diamond segment wear. Speed is adjustable to suit various operating conditions. The motor uses sophisticated electronic control circuitry, which includes soft start, overload and constant speed electronics for even speed under all load conditions. This results in an excellent finish. Use the optional floor grinding trolley for fatigue free floor grinding from a standing position. In our unique design, the operator uses side mounted handles which allows much superior control of the grinder's movement and more leverage. It pivots on 2 casters and its spring suspension allows the machine to be held perfectly parallel to the work surface. It's very convenient, with a separate master switch, hooks for holding the vacuum hose and coiling the power supply cable.



OPTIONAL ACCESSORIES:



Floor Grinding Trolley

Description

Paper Dust Bag Liner
Wearable Dust Bag
Hose

Part Number

305-00082-000-002
0299-0197-00000-001
0203-0007-00005-001



Paper Dust Bag Liner

+



Wearable Dust Bag

+



Hose



Model	SM5
Power Input	110-120V:1700W, 220-240V:2200W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load/min ⁻¹	4500 - 9500
Wheel Diameter	125mm (5")
Arbor	22.23mm (7/8") & 25.4 (1") (Double-Sided)
Spindle	M14 or 5/8-11
Soft Start & Overload Protection	With
Dimensions (LxWxH)	246mm x 280mm x 325mm
Weight	5.75kg (12.65 Lbs)

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. 34)
- * Wearable Dust Bag w/ Straps & Hose 1.0m x1

CONCRETE GRINDER

The **SM7** is a purpose-built 180mm concrete grinder with excellent dust control, ideal ergonomics and optimized power characteristics for fast grinding results.

The handle assembly is anti-vibration rubber mounted for operator comfort. The dust skirt has a spring suspension to allow it to follow irregularities in the work surface and a swiveling dust port to ensure the best possible dust collection. It also uses a tool-free half-moon door for edge grinding. Speed is adjustable to suit various operating conditions. The motor uses sophisticated electronic control circuitry, which includes soft start, overload and constant speed electronics for even speed under all load conditions. This results in an excellent finish. Use the optional floor grinding trolley for fatigue free floor grinding from a standing position. In our unique design, the operator uses side mounted handles which allows much superior control of the grinder's movement and more leverage. It pivots on 2 casters and its spring suspension allows the machine to be held perfectly parallel to the work surface. It's very convenient, with a separate master switch, hooks for holding the vacuum hose and coiling the power supply cable.



OPTIONAL ACCESSORIES:



Floor Grinding Trolley



Model	SM7
Power Input	110-120V:1700W, 220-240V:2200W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load/min ⁻¹	3200 - 6500
Wheel Diameter	180mm (7")
Arbor	22.23mm (7/8") or 25.4 (1")
Spindle	M14 or 5/8-11
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.34)

SCOURING MACHINE

- Versatile for removal of soft plaster surfaces; elastic protection on walls and floors; foam crests and adhesive remainders; asphalt and protective coatings for concrete; latex or oil paint on gypsum surfaces; and removal of impurities and contamination on concrete surfaces.
- Superior at grinding off irregularities and projections on plaster flooring and roughing, cleaning and smoothing out irregularities of aged concrete.
- Movable rubber base platform that bends and swivels according to the surface -putting less strain on the user's wrists.
- Ergonomically designed to decrease user fatigue.
- Side handle (able to attach to either side of the machine) improves handling of machine
- Dust free operation- attaches directly to standard vacuum hose.
- All three types of abrasive materials, carbide cutter discs, diamond cup grinding heads and TC grinding heads are easily replaced when worn out.



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

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

■ 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.

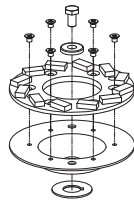
Pyramid-Tip
Cutter Discs-(Set of 15)

Part Number

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

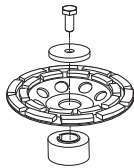
Mounting Cup only x1
Flat Head Screw x1
(6 pcs required)

Part Number

302-03100-903-001

415-M05008080-080

■ Standard-Type Diamond Cup Wheels



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

Diamond Cup Wheels x1

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

#60/80 Grit

#100/120 Grit

Part Number

305-00072-000-018

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

Outer Flange x1

302-04181-903-001

■ Face Spanner Wrench



Face Spanner Wrench-78mm x1

302-04179-901-002

■ 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



Application
SM125

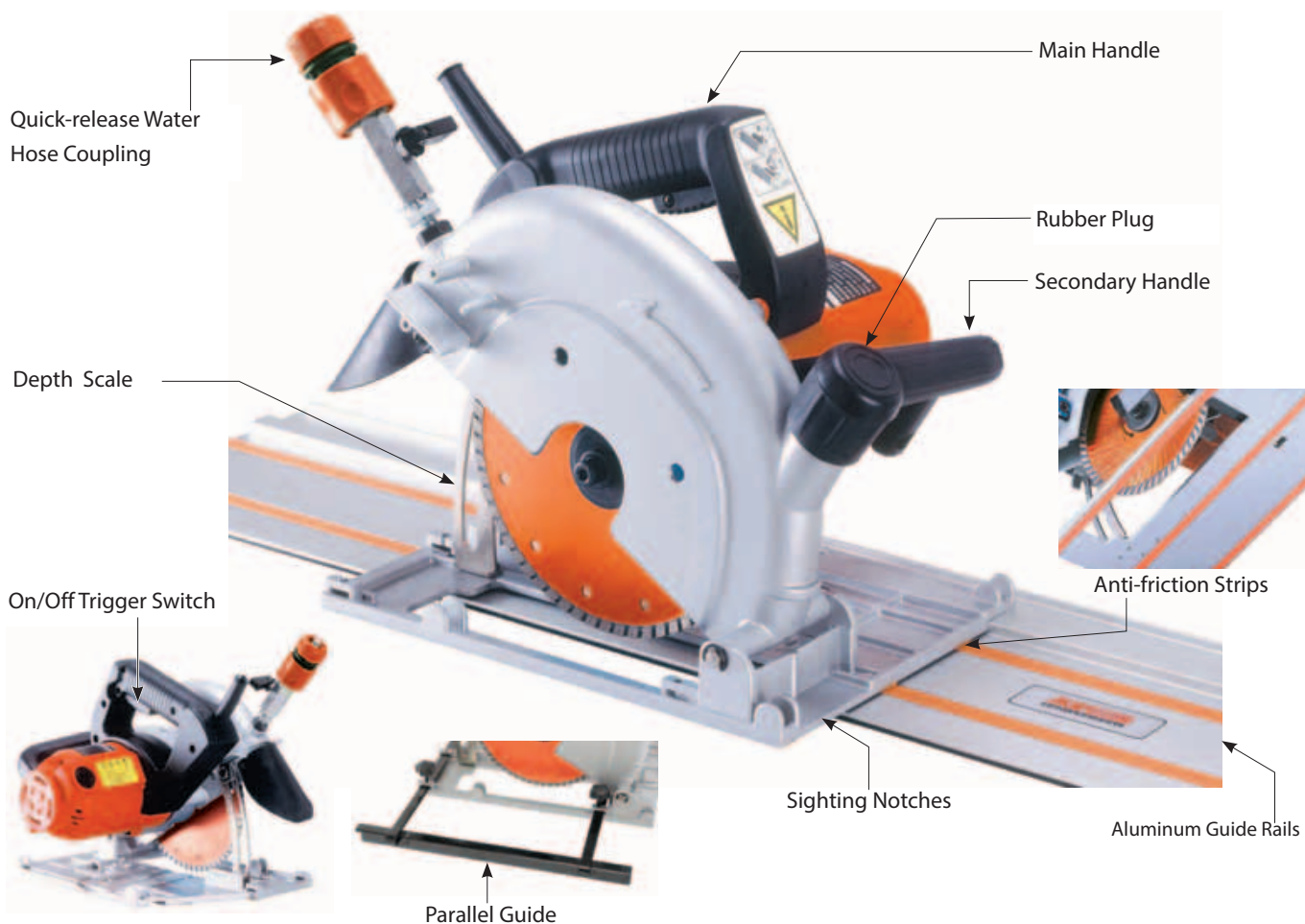
Outer Dimensions
572mm x 362mm x 238mm

Part Number

0299-0075-00100-001

STONE CUTTING CIRCULAR SAW

The **SCS7** Stone Cutting Circular Saw is the perfect solution for fast, precise wet cutting of all kinds of stone and masonry materials up to 55mm thick. The heart of this machine is its powerful 1800W motor. The parallel guide ensures straight cuts. The water feed with quick-release coupling allows faster cutting and longer blade life. There is a closable vacuum port, which can be used with a wet/dry vacuum to keep the whole job as mess-free as possible. Besides cutting stone, this machine is ideal for cutting out old seams in preparation for replacement. Guide rail allows perfectly straight cuts.



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.



Plastic Carry Case
455mm x 333mm x 375mm

Part Number
0299-0075-00100-012

■ Aluminum Guide Rails Spec.

Guide Rail	174mm x 1400mm
Guide Rail	174mm x 800mm



Guide Rail Connector



Lever Clamp

Description

Guide Rail Connector
Lever Clamp

Part Number

0299-0106-00000-001
305-00179-000-001

Model	SCS7
Power Input	1800W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load min ⁻¹	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 (14.74Lbs)



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

WALL CHASER

- Equipped with a powerful 1800 Watt motor to run the two 180mm diamond blades with no bogging. The motor is protected by a smart electronic overload (No thermal switch to wait for: just release the switch and start again.)
- The ergonomic handles allow a variety of holding positions for comfortable cutting.
- The roller base allows smooth action and precise control.
- Various spacers to create channels up to 51mm in width and to a depth of up to 52mm.



OPTIONAL ACCESSORIES:

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

Part Number	Diameter	Thickness	Arbor
305-00036-000-007	180mm (7")	1.6mm	22.23mm (7/8")

■ Plastic Carry Case

Part Number	Outer Dimensions
0299-0075-00100-012	455mm x 333mm x 375mm



Vacuum Hose
End Adaptor



Plastic Carry Case



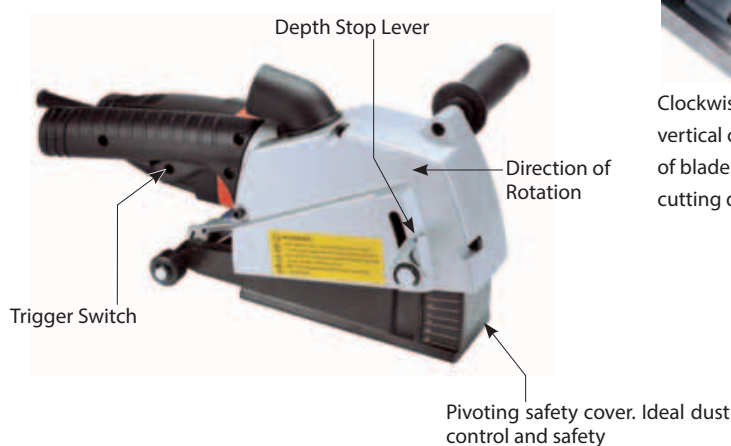
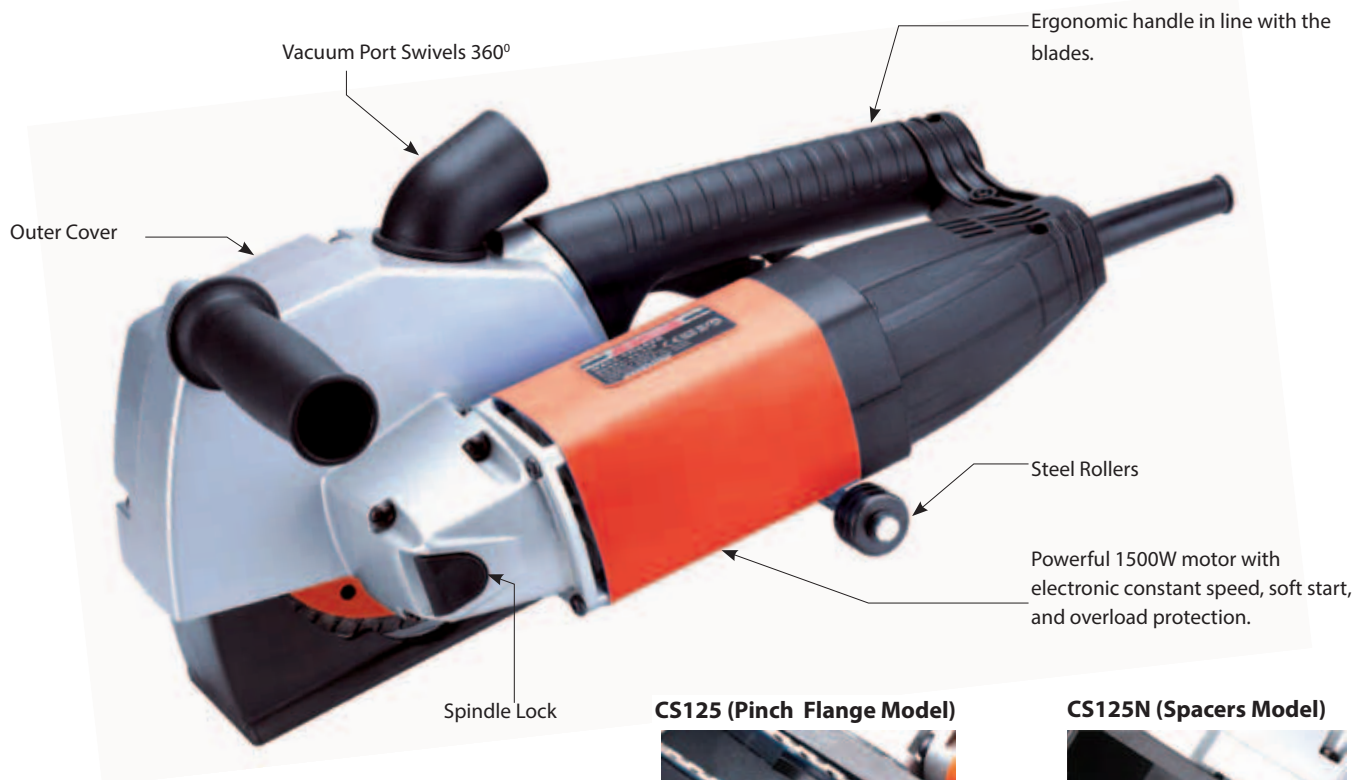
STANDARD ACCESSORIES

- * 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	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load min ⁻¹	4100
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)

WALL CHASER

The **CS125,CS125N, CS150, CS150N** Wall Chaser is a light, easy-to-handle machine. The blades run clockwise so it's very convenient for vertical chases, just pull the machine downwards along the wall. The dust control is excellent for healthy, mess-free operation. The powerful motor with electronic constant speed circuitry allows the machine to maintain the same speed, without slowing, regardless of load.

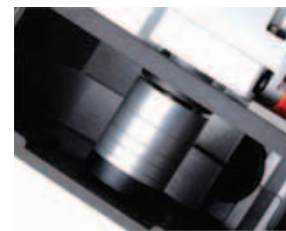


CS125 (Pinch Flange Model)



Clockwise blade rotation for safe vertical chasing. Variable width of blades. 18~45mm. Maximum cutting depth of 45mm.

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	CS125 (Pinch Flange Model)	CS125N (Spacers Model)
Power Input	1500W	
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz	
No Load min ⁻¹	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	18-45mm	8-45mm
Net Weight	4.4kg(9.7Lbs)	4.4kg(9.7Lbs)

STANDARD ACCESSORIES

- * Side Handle x1
- * 4mm T-Handle Hex Wrench x1
- * Vacuum Hose End Adaptor x1
- * 8mm L-Hex Wrench (CS125 only) x1
- * 40mm Open End Wrench (CS125 only) x1
- * 6mm L-Hex Wrench (CS125N only) x1
- * Spacers (CS125N only) x1

OPTIONAL ACCESSORIES

- *125mm Diamond Blade x1

WALL CHASER

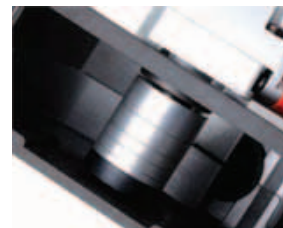


CS150 (Pinch Flange Model)



Clockwise blade rotation for safe vertical chasing. Variable width of blades. 18~45mm. Maximum cutting depth of 45mm.

CS150N (Spacers Model)

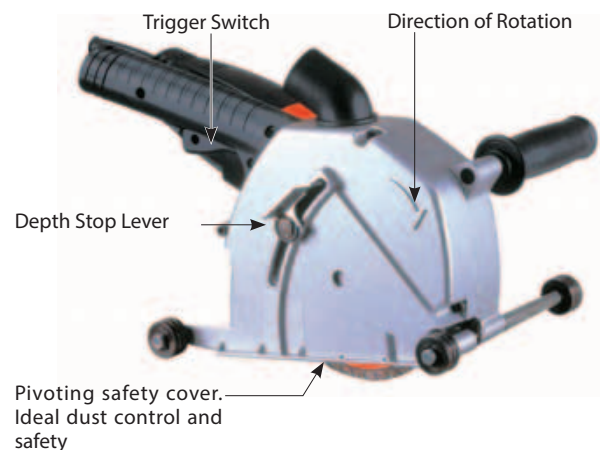


Spacers



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	CS150 (Pinch Flange Model)	CS150N (Spacers Model)
Power Input	1500W	
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz	
No Load min ⁻¹	6500	
Max. Blade Diameter	150mm	
Blade Bore Size	22.23mm (7/8")	
Channel Width	18~45mm	8~45mm
Max. Cutting Depth	45mm	
Soft Start & Overload Protection	With	
Dimensions(LxWxH)	221mm x 353mm x295mm	
Net Weight	4.8kg(10.58Lbs)	4.8kg(10.58Lbs)

STANDARD ACCESSORIES

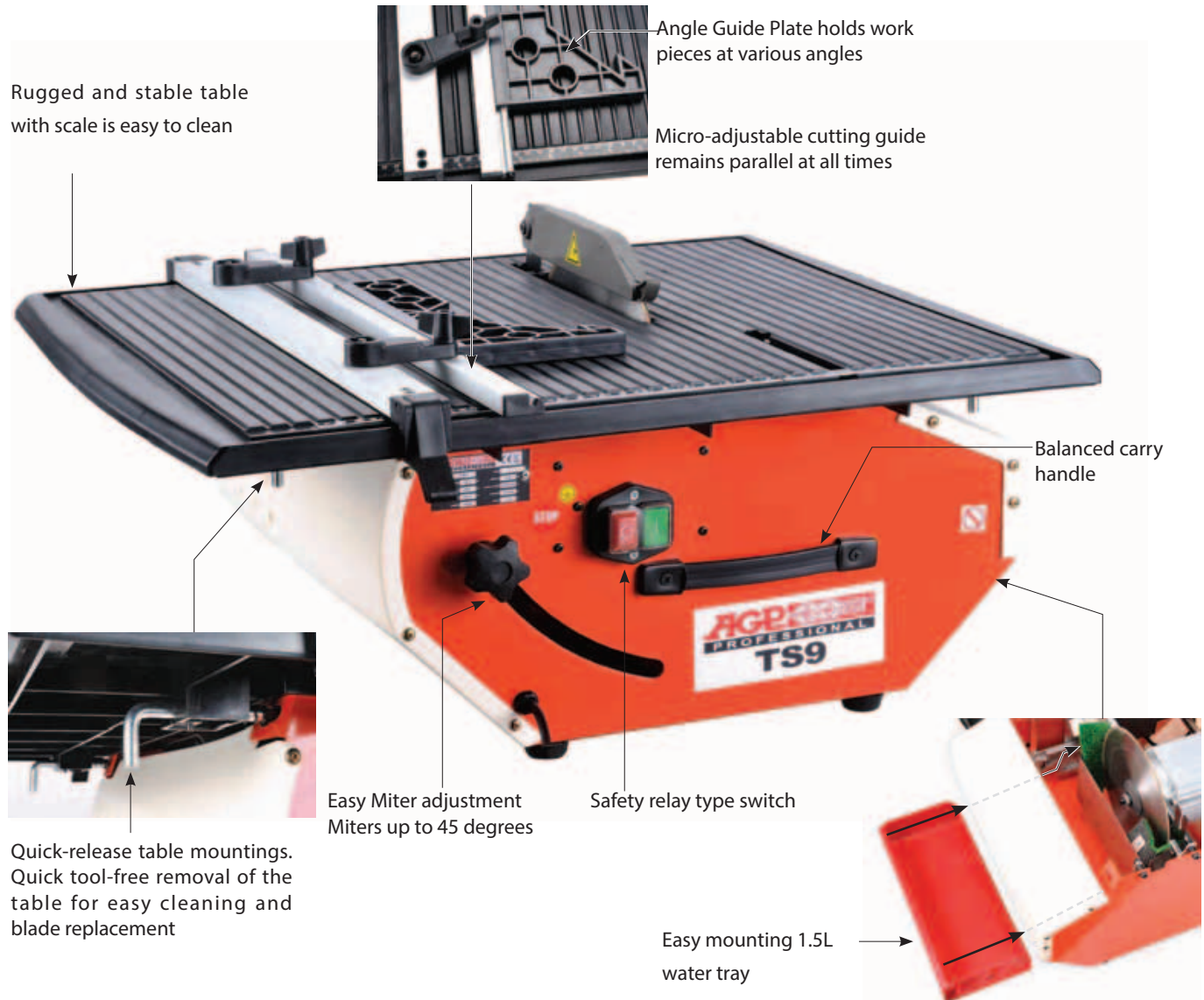
- * Side Handle x1
- * 4mm T-Handle Hex Wrench x1
- * Vacuum Hose End Adaptor x1
- * Hex. Wrench M8 (CS150 only) x1
- * 40mm Open-End Wrench (CS150 only)x1
- * 6mm T-Handle Hex Wrench (CS150N only)x1
- * Spacers (CS150N only) x1

OPTIONAL ACCESSORIES

- * 150mm Diamond Blade x1

WET TILE SAW

The **TS9** is a wet tile saw for professional use. It uses continuous rim diamond blades. The unique water circulation design minimizes water loss and spillage while the water tray is easy to mount and refill. The dimensionally stable table allows accurate cutting and the parallel cutting guide with the angle guide plate allow precise guidance of the work piece. The table is tool free for quick removal for easy clean-up. The sturdy motor mount system allows the motor to tilt up to 45 degrees for accurate miter cuts. The AC induction motor is quiet, water resistant and long-lasting. It operates at a very stable speed for excellent cutting performance under all circumstances. It's the perfect high precision saw for a professional's needs.



CECB

Model	TS9
Motor Type	Single Phase AC Induction
Power Output	800W
Voltage	110-120V~ 50-60Hz, 220-240V~ 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")
Table Cutting Width -Left	305mm (12")
Table Cutting Width -Right	147mm (5-3/4")
Protection	IP44
Dimensions(LxWxH)	660mm x 595mm x 320mm
Weight	14.7kg (32.41 Lbs)

STANDARD ACCESSORIES

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

STONE GRINDER

Our Stone grinders are ideal tools for grinding and polishing stone. The machine is light and comfortable to handle. The speed is adjustable by thumb wheel to suit the needs of different materials and the electronic constant speed maintains an even speed under all loads. This even working speed is the secret to a superior finish which professionals demand.

NOTE: Models without the "N" suffix (EP5W, EP5L, EP5LF & EP5LFB) are equipped with electronic speed control with constant speed which automatically and rigidly maintains even speed and boosts the motor's rated output.

Models with the "N" suffix (EP5WN, EP5LN, EP5LFN & EP5LFBN) are equipped with standard-type electronic speed control circuitry. These provide better operator feel but have less ability to maintain even speed.



OPTIONAL ACCESSORIES:



Sanding Pad

Part Number

305-00063-004-001



(EP5W, EP5L ONLY)



Model	EP5W	EP5WN	EP5L	EP5LN
Power Input	1200W			
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz			
No Load min ⁻¹	3900 - 7300		1700-3700	
Spindle	M14			
Max. Disc Diameter	125 mm			
Soft Start & Overload Protection	With			
Dimensions(LxWxH)	303mm x 72mm x 80mm			
Net Weight	2.0 kg (4.41Lbs)		2.2kg(4.85Lbs)	

STANDARD ACCESSORIES

- * Side Handle x1
- * Inner & Outer Flanges x1
- * Lock Nut Wrench x1

OPTIONAL ACCESSORIES

- * Hook & Loop Backing Plate x1
- * Guard (EP5W only) x1
- * Sanding Pad x1
- * 5" Dust Collector Saw Cover x1

STONE GRINDER



OPTIONAL ACCESSORIES:



Sanding Pad

Part Number

305-00063-004-001



(EP5LF, EP5LFB only)



Model	EP5LF	EP5LFB	EP5LFBN
Power Input	1200W		
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz		
No Load min ⁻¹	2100 - 4300		
Spindle	M14 or 5/8"-11		
Max. Disc Diameter	5" (125mm)		
Soft Start & Overload Protection	With		
Protection Class	Class I with PRCD / GFCI		
Dimensions(LxWxH)	303mm x 72mm x 80mm		
Net Weight	2.57kg (5.67Lbs)		2.8 kg (6.17Lbs)

STANDARD ACCESSORIES

- * L-Hex Key, M2 x1
- * PRCD / GFCI Interruptor x1
- * Inner & Outer Flanges x1
- * Lock Nut Wrench x1
- * Front Handle x1

OPTIONAL ACCESSORIES

- * Sanding Pad x1

STONE GRINDER



Model	EP7F	EP7FB
Power Input	2200W	
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz	
No Load min ⁻¹	1000 - 2400 / (Optional : 2800 - 4500 also available)	
Spindle	M14 or 5/8"-11	
Max. Disc Diameter	7" (180 mm)	
Soft Start & Overload Protection	With	
Protection Class	Class I with PRCD / GFCI	
Dimensions (LxWxH)	500 mm x 210mm x 200mm	
Net Weight	5.7kg(12.57Lbs)	6.0kg (13.23Lbs)

STANDARD ACCESSORIES

- * Lock Nut Wrench x1
- * PRCD / GFCI Interruptor x1
- * Inner & Outer Flanges x1
- * Front Handle x1

■ EP5 SERIES OPTIONAL ACCESSORIES

5" (125mm) Diamond Cup Wheel x1



#60/80 Grit 22.2mm (7/8")
#100/120 Grit 22.2mm (7/8")

Part Number

305-00072-000-018
305-00072-000-020

■ REPLACEMENT FLANGES



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

Thread

M14 302-04114-901-004
5/8" 302-04114-901-010



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

M14 302-04134-903-001
5/8" 302-04134-903-004

Replacement
Lock Nut Wrench x1

305-00039-901-001



5" Dust Hood x1

0299-0071-00000-001



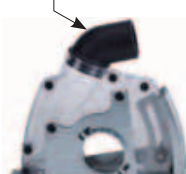
Guard x1

0299-0151-00000-001



■ 5" Dust Collector Saw Cover x1

Vacuum port:
38mm O.D.,
32mm I.D.



(A Type)

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

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

T-Knob



(B Type)

(B 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 A Type above.

Clamping size:
36~40mm 0299-0063-00000-001
40~44mm 0299-0063-00000-002
43~47mm 0299-0063-00000-003
48~51mm 0299-0063-00000-004

■ EP7 SERIES OPTIONAL ACCESSORIES

Part Number

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



7" Dust Hood x1

0299-0071-00000-002



Face Spanner Wrench x1



Face Spanner Wrench-93mm x1
(for diamond plates with
female thread)

302-04179-901-001

Face Spanner Wrench-78mm x1

302-04179-901-002

Remark: 78mm Face Spanner Wrench for
5" Aluminum Pad & 5" Diamond Cup Wheel

■ REPLACEMENT FLANGES



Outer Flange x1
22.2mm(7/8")

Thread

M14
5/8"

Part Number

302-04114-901-002
302-04114-901-007



Outer Flange x1
25.4mm (1")

M14
5/8"

302-04114-901-003
302-04114-901-008



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

M14
5/8"

302-04152-901-001
302-04152-901-004

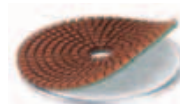
■ EP5 & EP7 SERIES SHARED OPTIONAL ACCESSORIES

5" Hook and Loop Aluminum Plate for Diamond Polishing

Aluminum Pad x1 M14

201-0045-00906-001

Remark: Only 5" Plate is available.



ROTARY BUSH HAMMER

The specialized tool for roughening smooth stone surfaces. Perfect for creating non-slip strips on stone stairs.

This Rotary Bush hammer is designed for texturing and roughening of smooth stone surfaces. This is especially important for performing operations to create anti-slip surfaces on stone floors and steps. The parallel guide allows the creation of perfectly straight lines. There are different mounting positions for the Bush hammer Roll Tool Holders to create different working widths.

The 1200 W motor is equipped with variable full wave electronic constant speed for an even texture. No matter the load, the motor keeps the same even speed.

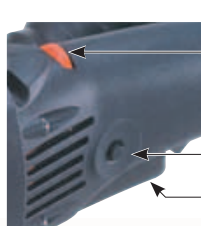
Effective and convenient dust extraction system for a healthy and mess-free job.

Includes a bayonet adaptor end to allow connection to your vacuum cleaner hose.

Comfortable handles help keep vibration away from the hands.



Plastic Carry Case



Speed control thumb wheel with Constant Speed

Lock Button

Trigger Switch



Bayonet Adaptor End

High efficiency 1200W motor with variable electronic constant speed

Ergonomic downforce handle



Effective dust extraction system with swiveling bayonet mount

Fully adjustable parallel guide may be mounted in the 9, 12, or 3 o'clock positions for creating straight textured strips.

Bushhammer rolls (included) can be mounted to create 51, 70, 96, or 116mm wide textured strips

■ BH92 Replacement Carbide Bushhammer Discs-(Set of 6)

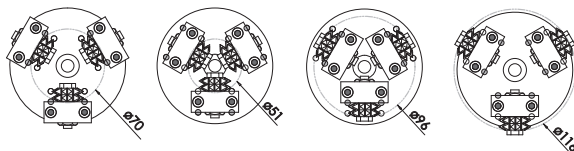


Description

Bushhammer Roll Disc
each machine requires 6 pcs)

Part Number

302-02017-000-001



Plastic Carry Case

572mm x 362mm x 238mm

0299-0075-00100-011



Model	BH92
Power Input	1200W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load min ⁻¹	1600 - 3200
Bushhammering Diameters	51, 70, 96, or 116mm
Max. Cutting Depth	2.5mm
Soft Start	With
Dimensions (LxWxH)	470mm x 178mm x 150mm
Net Weight	4.9kg(10.8Lbs)

STANDARD ACCESSORIES

- * Bushhammer Roll Discs x6
- * Parallel Guide x1
- * Hex. Wrench M5 x1
- * Bayonet Adaptor End x1
(For Connecting To Your Vacuum Cleaner Hose)

LONG-REACH DIAMOND GRINDER

The 125mm Long-Reach Diamond Grinder, It's really an exciting tool with excellent possibilities. It's extremely light in weight at only 3.8 kg for fatigue-free operation. Although it is light, the motor is very powerful at 1200W with electronic constant speed. This allows the same speed to be maintained, no matter the load. It is very easy to control and almost all of the dust and debris are controlled by the vacuum system. This saves time and trouble in cleanup. The operation is the most comfortable possible, whether grinding floors from a standing position or grinding walls or ceilings without scaffolding or ladders. Huge amounts of both time and effort are saved.



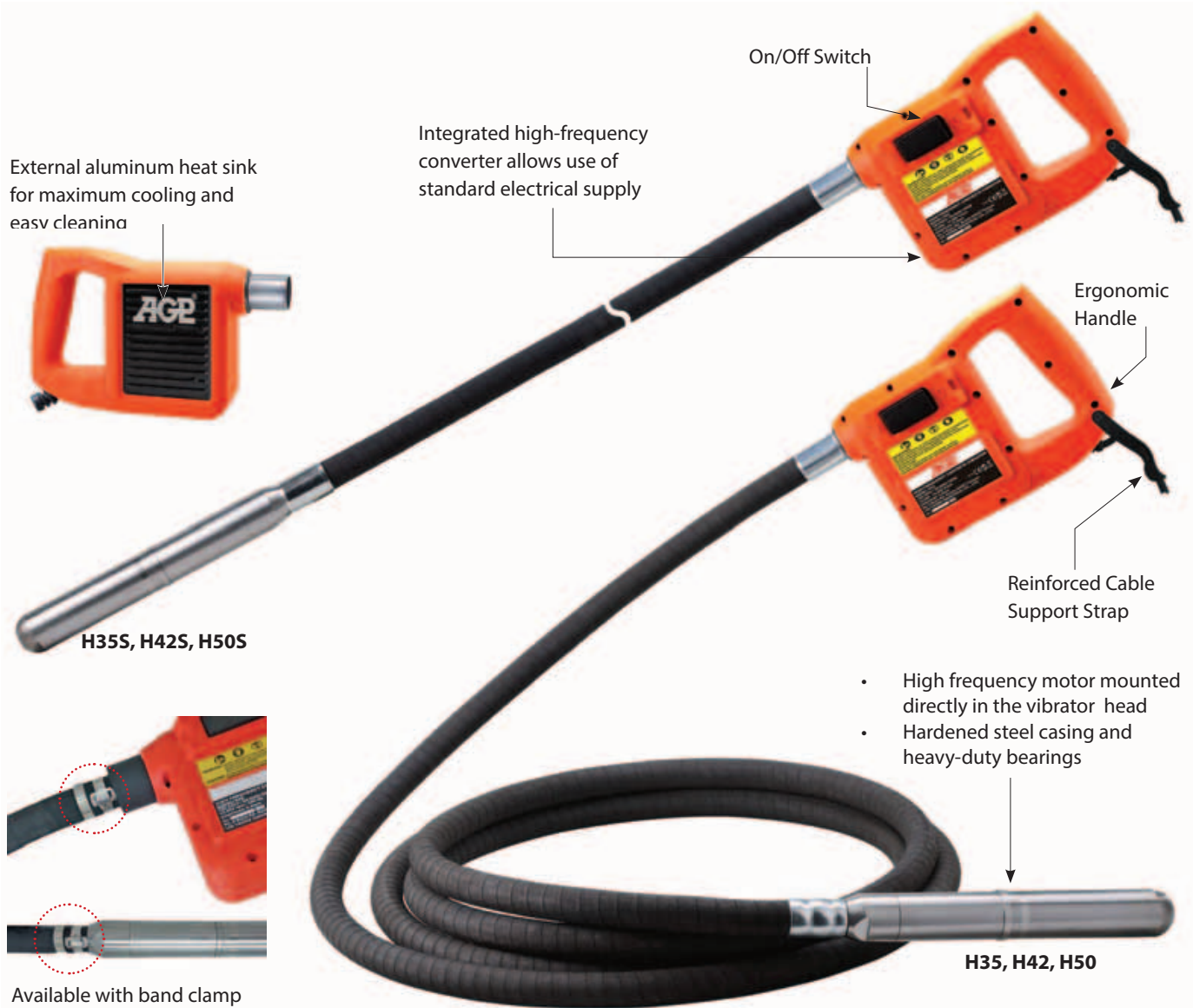
Model	LG125
Power Input	1200W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load min ⁻¹	1700-3500
Length	1475 mm
Max. Capacity	125 mm
Arbor	22.23mm (7/8") or 25.4mm (1")
Spindle	M14 or 5/8 -11
Soft Start & Overload Protection	With
Dimensions(LxWxH)	1475mm x 197mm x 365mm
Net Weight	3.8 kg (8.38 Lbs)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

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

HIGH FREQUENCY INTEGRATED CONCRETE VIBRATOR

A very high performance and durable high frequency concrete vibrator with integrated converter for the fastest possible concrete compaction. Excellent for challenging situations like moving a stiff mix into corners and around rebar. The high frequency motor mounted directly in the vibrator head provides extremely consistent vibration. We use a 400Hz motor, which is much more efficient than competitors' 200 Hz designs. There is no need for a separate converter - just plug directly into the outlet. Available in long and short hose lengths giving maximum versatility. The integrated converter has special electronics which allow the same unit to be used with either 110 or 220V supply. Sophisticated converter electronics protect the motor from overload and also protect from over or under voltage input. The extra long cable makes it convenient around the jobsite.



Model	H35S	H35	H42S	H42	H50S	H50
Voltage	100-250V~ 50-60Hz					
Vibration Rate	13,500 vpm		12,500 vpm			
Power Input	1000W		1200W		1400W	
Motor Frequency	400Hz					
Centrifugal Force	1301N		2489N		3347N	
Vibrator Head Size	ø35mm x 314mm		ø42mm x 300mm		ø50mm x 330mm	
Hose Size	ø30mm x 0.85m	ø30mm x 6m	ø36mm x 0.85m	ø36mm 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)	6.42kg (14.12Lbs)	11kg (24.2Lbs)

CE CB

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

HIGH FREQUENCY CONCRETE VIBRATOR SYSTEM

A very high performance and durable high frequency concrete vibrator system for the fastest possible concrete compaction. Excellent for challenging situations like moving a stiff mix into corners and around rebar. The high frequency motor mounted directly in the vibrator head provides extremely consistent vibration and the extended length gives maximum versatility. The speed is variable to suit work conditions. The converter has special electronics which allow the same unit to be used with either 110 or 220V supply. The extra long cable makes it convenient around the jobsite and the converter has a protective frame.



- Low voltage, high frequency motor mounted directly in the vibrator head
- Hardened steel casing and heavy-duty bearings



Vibrator Unit		
Model	V42	V50
Voltage	42V	42V
Vibration Rate	12,000 - 14,500 vpm	12,000 - 14,500 vpm
Power Output	260W	400W
Centrifugal Force	1650~2150 N	2250~3300 N
Vibrator Head Size	ø42 x 300mm	ø50 x 305mm
Hose Size	ø36mm x 6m	ø36mm x 6m
Net Weight	11 kg (24.25 Lbs)	12 kg (26.46 Lbs)

STANDARD ACCESSORIES

N/A

Converter	
Model	P1000
Voltage	90-240V 50/60Hz
Input	1.0 KVA
Output	550W, 42V, 240Hz
Dimensions(LxWxH)	330mm x 210mm x 250mm
Net Weight	5 kg(11.02 Lbs)

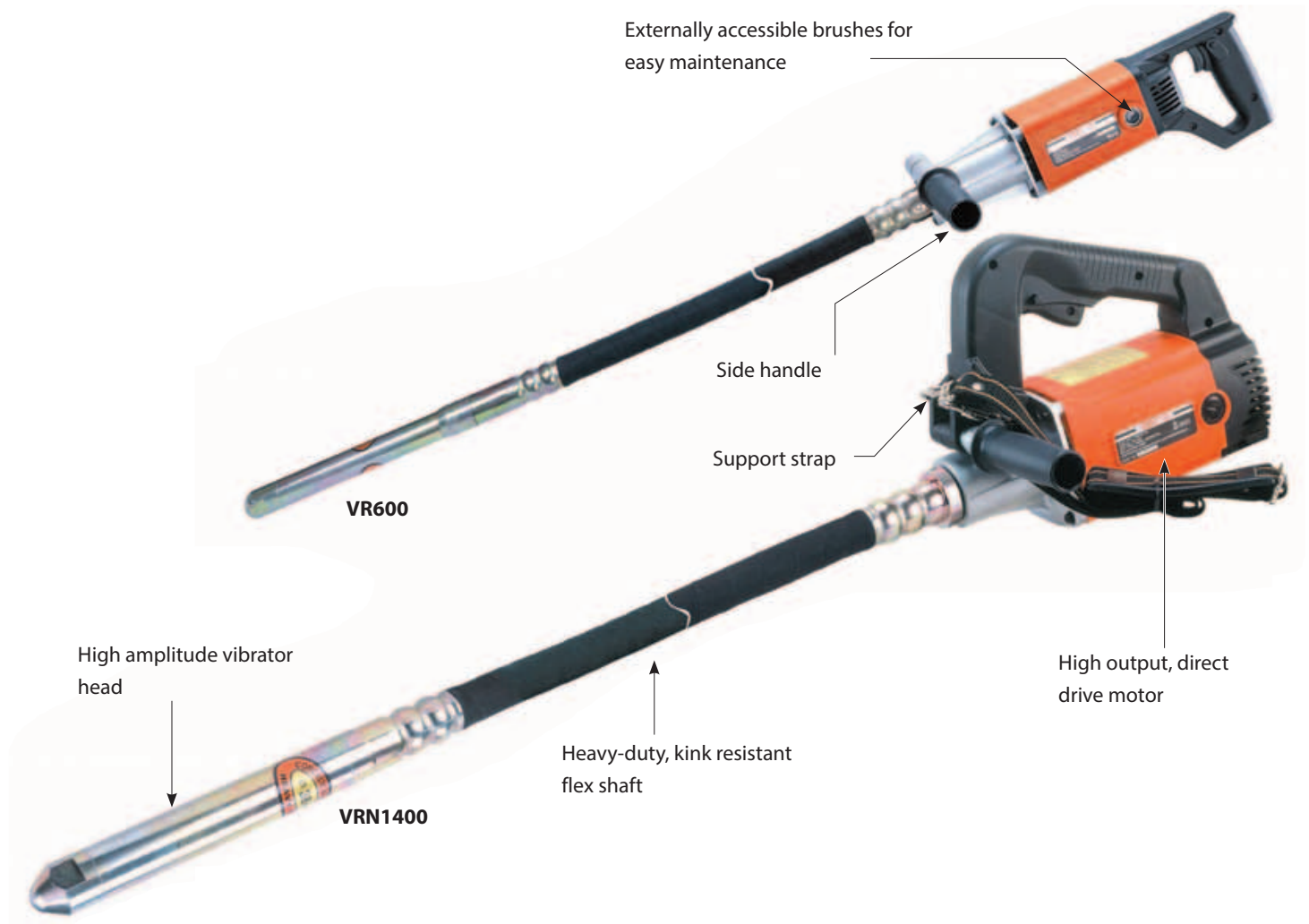
CONCRETE VIBRATOR

This light and dependable vibrator is set up to consolidate poured concrete. Comfortable for the operator with the support strap, it's easy to use quickly under all conditions.

The durable, cable-driven vibrator heads and kink resistant shafts are designed to stand up to the rigors of long duty and tough jobsite use.

Various shaft lengths and head diameters are available to suit specific needs.

Convenient and self-contained, these are the best choice for consolidation jobs where easy mobility is needed.



OPTIONAL ACCESSORIES:

■ Concrete Vibrator Shafts - Flexible Type (Please indicate desired shaft when ordering.)

For VR600

Size	Part Number
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

Size	Part Number
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

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	110-120V~ 50-60Hz, 220-240V~ 50-60Hz	
No Load min ⁻¹	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)



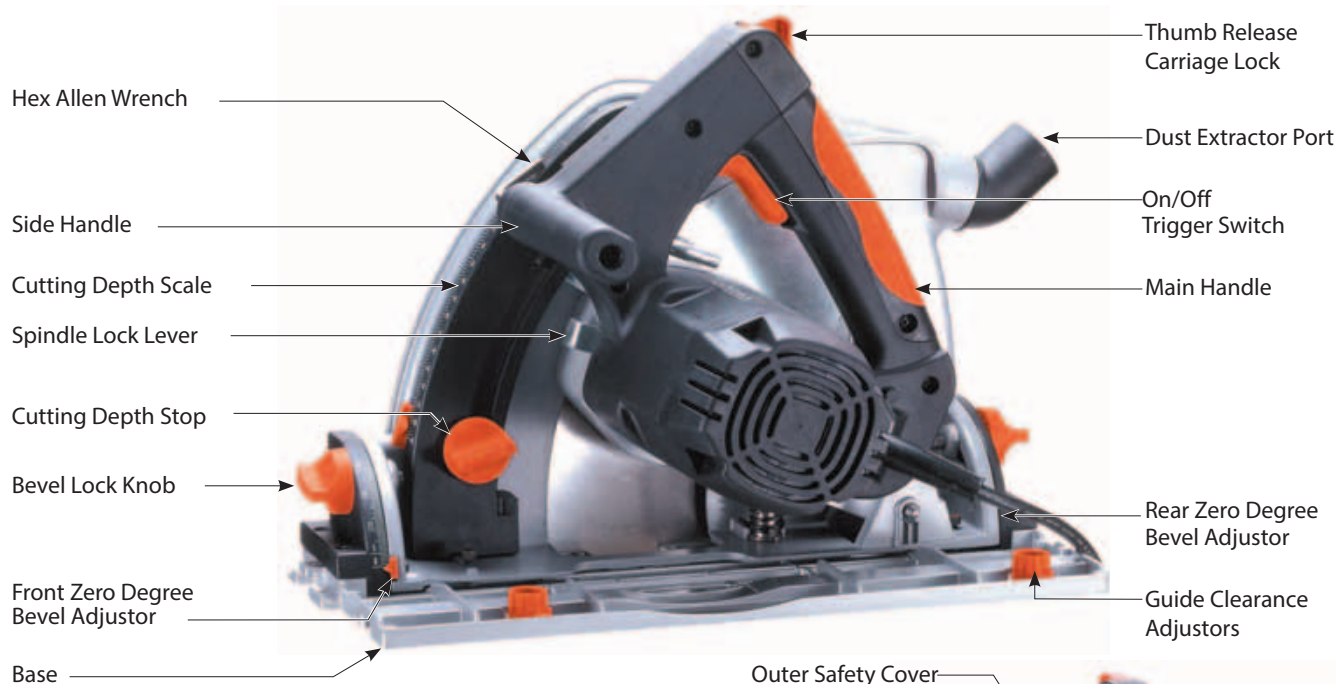
STANDARD ACCESSORIES

VR600
* Side Handle x1

VRN1400
* Side Handle x1
* Support Strap x1



PLUNGE-CUT CIRCULAR SAW



Plastic Carry Case

Outer Dimensions

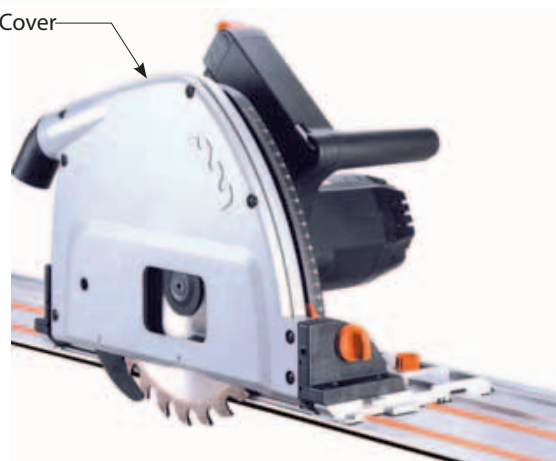
455mm x 333mm x 375mm(H)
352mm x 257mm x 312mm(H)

Application

DS2300
DS1600

Part Number

0299-0075-00100-010
0299-0075-00100-009



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

Spec.

Guide Rail 174mm x 1400mm
Guide Rail 174mm x 800mm



Guide Rail Connector



Lever Clamp

Description

Guide Rail Connector
Lever Clamp

Part Number

0299-0106-00000-001
305-00179-000-001



Plastic Carry Case



Model	DS2300	DS1600
Power Input	1600W	1150W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz	
No Load min ⁻¹	5000	5500
Bevel Capability	0 - 45 deg.	0 - 45 deg.
Max. Blade Diameter	230mm (9 in.)	160mm (6-1/4 in.)
Available Arbor Hole Diameters*	30mm, 25.4mm (1 in.), 20mm	20mm
Max. cutting Straight	85mm (3-3/8")	55mm (2-3/16 in.)
Depth 45 Deg. Bevel	60mm (2-3/8")	35mm (1-3/4 in.)
Soft Start & Overload Protection	With	With
Dimensions(LxWxH)	428mm x 246mm x 311mm	322mm x 228mm x 266mm
Net Weight	7.7 kg (16.98 Lbs)	4.8 kg (10.58 Lbs)

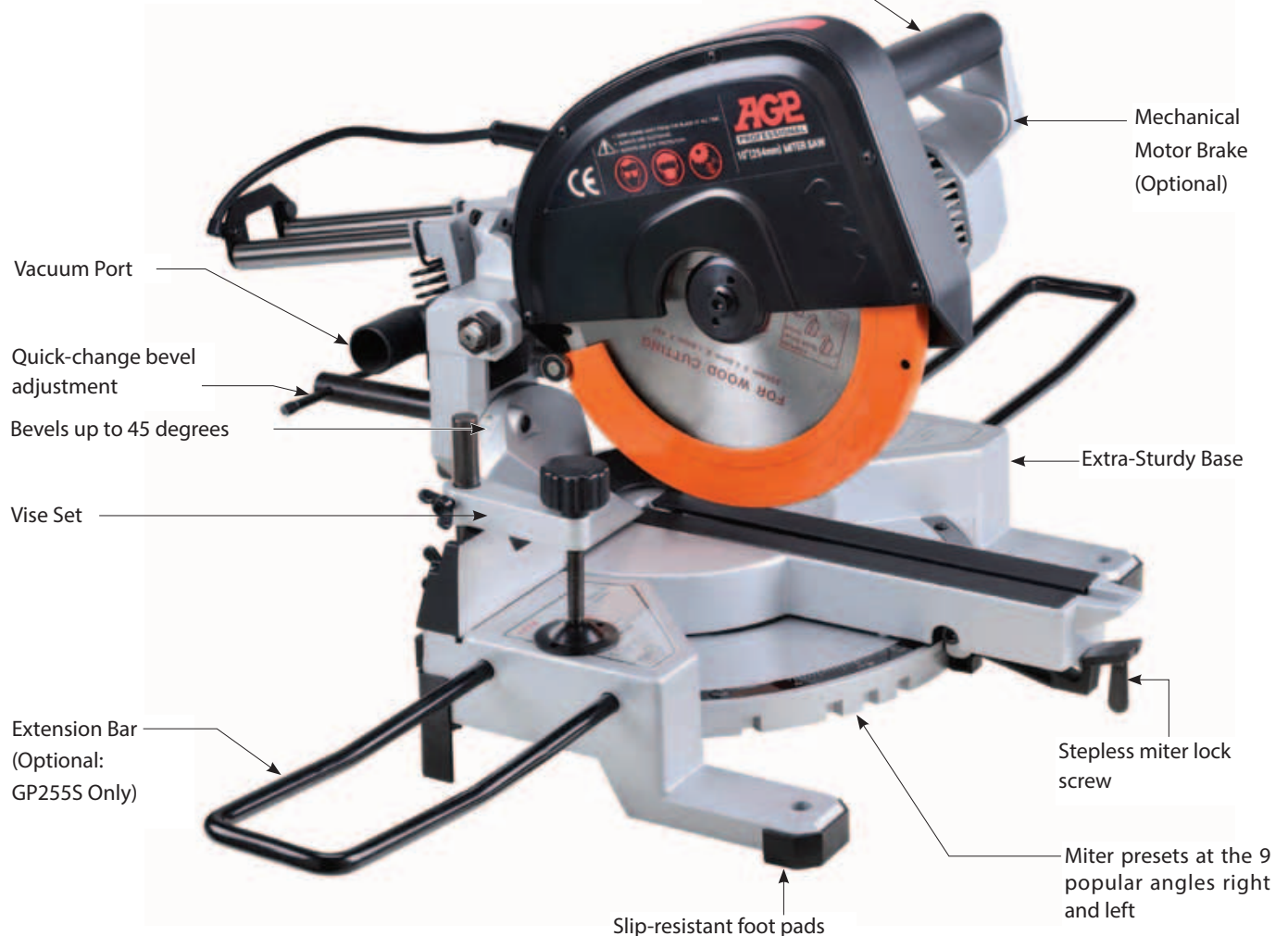
STANDARD ACCESSORIES

- * Hex. Wrench M5 x1
- * TCT Saw Blade (See P. 47)

COMPOUND & SLIDE COMPOUND MITER SAWS

Perfect for both contractors and remodelers, our saws are built tough yet light enough for ease of movement to any job site. Every design detail was considered to maximize rigidity, strength, and reliability while minimizing weight. We use of an AC induction motor instead of the noisy universal type motors with carbon brushes used by the competition. The AC induction motor offers double the service life of a universal type motor, with the added bonus of quieter and smoother operation. We did not forget convenience, either ! Our saws provide 9 positive stops for all the most popular miter angles with fast and easy bevel adjustment. Every feature comes together to provide exact and clean cuts for a variety of materials. Ideal for quick and easy cutting of hardwoods, veneer, fiberboard and plastic, as well as aluminum sash and siding. The optional Mechanical Motor Brake gives solid, reliable stopping within 2-3 seconds. This is much quicker and durable than unreliable electronic motor brakes. The optional double port vacuum extractor provides a virtually dust-free work environment.

Single-phase induction motor for quiet operation and over double the service life of a universal motor

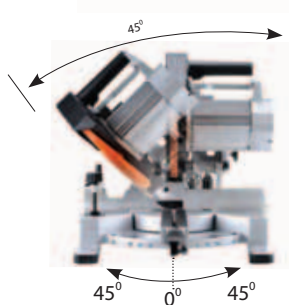
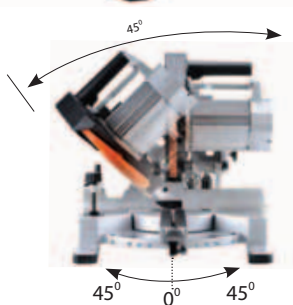




GP255



GP255S



Power Input	1600W	
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz	
No Load min ⁻¹	3000 (50Hz), 3600 (60Hz)	
Bevels	0 to 45 Degrees	
Miters	0 to 45 Degrees Left and Right	
Blade	254 mm (10 ")	
Arbor	30mm (1-3/16 ") or 25.4mm (1 ")	
Base Dimensions	460 X 450mm	
Slide (GP255S)	Cutting Capacities	90 Degree Miter : 300mm x 60mm (11-13/16 x 2-3/8 ")
		45 Degree Miter : 212 mm x 60mm (8-3/8 x 2-3/8 ")
	Dimensions (LxWxH)	670mm x 490mm x 505mm
	Net Weight	19.5 kg (43 Lbs)
Non-Slide (GP255)	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)	564mm x 490mm x 505mm
	Net Weight	18.5 kg (40.79 Lbs)

GP255

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
- * Vacuum Port x1

GP255S

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

- * TCT Saw Blade (See P. 47)
- * Motor Brake (Includes Lock
Nut Wrench and Hex.
Wrench M6) x1
- * Vise Set x1
- * Extension Bar (GP255S Only) x1



Description	Part Number
Extension Bar	302-04218-902-001

ROTARY POLISHER

The **SP2500** is a perfect workhorse 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. The non-orbital rotary motion works quickly and is especially suited to quickly repairing damage and surface imperfections such as scratches, oxidation, and paint swirls.

The direct-drive vertical design is very compact and easy to handle. It can drive a 180mm pad.

The powerful 900 watt motor incorporates soft start and electronic speed control for excellent speed stability and maximum torque. The step less electronic variable speed thumb wheel gives the operator excellent control of the speed, which translates into consistent polishing results.



STANDARD ACCESSORIES

- * Side Handle x1
- * M17 Wrench x1

OPTIONAL ACCESSORIES

- * 180mm Polishing Pad x1

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

ROTARY SANDER

The **SP4000** is a perfect workhorse rotary sander suited to efficient sanding of wood, paint, varnish, plastics, fiberglass and others. The high torque makes it perfect for aggressive coatings stripping as well as material shaping. It's also excellent for rust removal and metal polishing. The non-orbital rotary motion has very high removal rates for covering large areas quickly.

The direct-drive vertical design is very compact and easy to handle. It can drive a 150mm pad.

The powerful 900 watt motor incorporates soft start and electronic speed control for excellent speed stability and maximum torque. The step less electronic variable speed thumb wheel gives the operator excellent control of the speed, which translates into consistent sanding results.



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

STANDARD ACCESSORIES

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

OPTIONAL ACCESSORIES

- *150mm Sanding Pad x1

ROTARY POLISHER

The **RP220** and **RP160** rotary polishers are ideally suited to all polishing tasks, from compounding to polishing to finish polishing and buffing. Rotary polishers (also known as a circular polishers) are designed for working quickly, especially on harder paint types. They are especially suited to quickly repairing damage and surface imperfections such as scratches, oxidation, and paint swirls.

The pad spins on one axis, so much work can be done quickly. The key feature of a rotary polisher is perfectly stable rotation speed with precise operator control over the speed. Speed is adjusted two ways, giving the operator excellent control. The thumb wheel sets the maximum speed, while the trigger increases the speed steplessly from zero upwards to the maximum. The trigger is the best available: it's large and easy to smoothly control.

This machine incorporates constant speed so that the speed will not slow with load. It will maintain the preset speed regardless of the load. This results in a perfect finish. A constant speed will help in avoiding holograms and also help reduce buffer hop and other unwanted polisher effects.

High efficiency motor with variable electronic constant speed for perfectly even speed under all loads. This results in the smoothest possible finish.



Model	RP160	RP220
Power Input	1200W	1700W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz	
No Load min ⁻¹	1000 ~ 2400	800 ~ 2400
Spindle	M14 or M16 (Specify when ordering)	
Max. Recommended Pad Diameter	150mm	180mm
Soft Start & Overload Protection	With	With
Dimensions(LxWxH)(Not Included Loop Sponge Pad)	378mm x 213mm x 127mm	430mm x 221mm x 140mm
Net Weight	2.3 kg (5.07Lbs)	3.4 kg (7.5Lbs)

STANDARD ACCESSORIES

RP160:

* Side Handle x1

RP220:

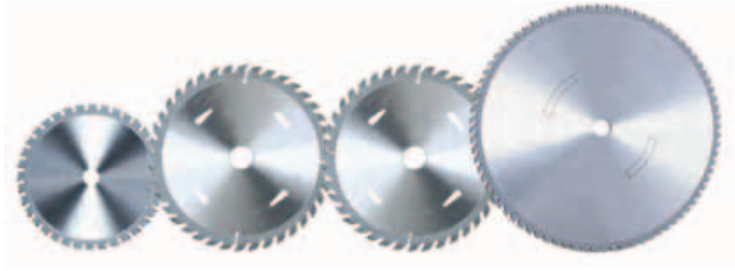
* Side Handle x1

OPTIONAL ACCESSORIES:

* Front Handle(RP160 only) x1

* Bail Handle(RP220 only) x1

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
DS2300	305-00036-000-012	230	3.2	30	24	2.2	92	2.3	8	20°	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

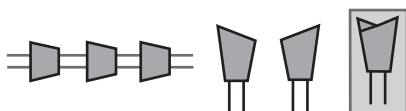
■ TCT Saw Blades for Stainless Steel:

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

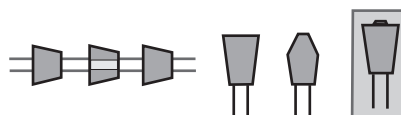
ATB (Alternate Top Bevel)

Ideal for cross cutting and ripping in wood



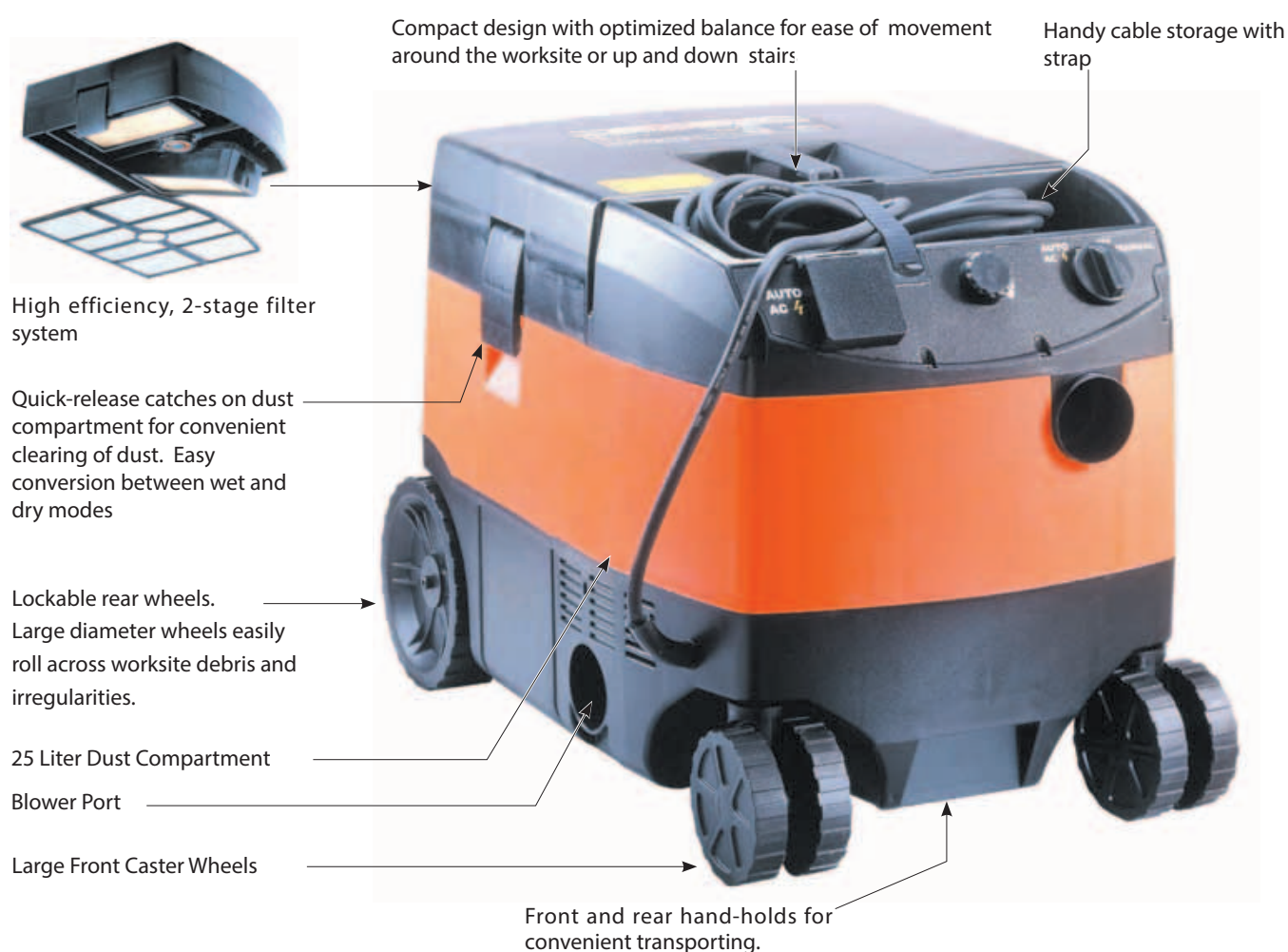
TCG (Triple Chip Grind)

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.



WET/DRY VACUUM DUST EXTRACTOR

- Purpose-built to work in conjunction with our power tools, the **DE25 Wet / Dry** Vacuum Dust Extractor System has integrated switching for tools up to 2200W. So you don't need to turn the machine on or off manually, just operate the power tool's switch!
- Whether you are using a sander, circular saw, wall chaser, scouring machine or other power tool, the features of the DE25 are designed to fit the needs of professionals.
- Variable suction power allows you to tailor the vacuum to the job at hand. Ideal for our GS9FE, GS9FSE & HS225 Drywall Sanders, DS1600 & DS2300 Plunge-Cut Circular Saws, GP255 & GP255S Miter Saws, SM125 Scouring Machine, BH92 Rotary Bush Hammer, CS125N, CS125, CS150, CS150N & CS180 Wall Chasers, C14, C16 Concrete Saw, EP5LFB, EP5LFBN & EP7FB Stone Grinders, SM5 & SM7 Concrete Grinders, CS320 Metal Cutting Circular Saw, and DMC6D, DMC6P, DM52D & DM52P Diamond Core Drills.
- The tank has an effective capacity of 25 liters and everything is easy to access for quick dumping and filter clearing.
- High-output 1200W motor with enough reserve suction power to work virtually dust-free, even in the most dust-producing power tool applications.
- Long-life motor has bypass cooling to avoid over-heating, even in the most challenging conditions.
- Fully-Automatic Electromagnetic Filter Shaker for convenient, uninterrupted use. At preset intervals, the Filter Shaker Loosens fine particles which would normally clog the filter.
- Powerful Electric Blower function.
- Optional Pneumatic Switching similar to the Integrated Switching above for electric tools, this function works with air tools like sanders.

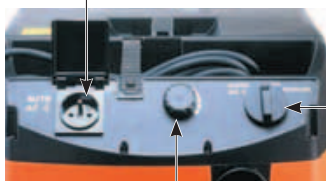


Model	DE25	DEP25 (Pneumatic Switching Version)
Power Input	1200W	
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz	
Max. Airflow	4000 l/min (141.3 CFM)	
Max. Suction (lift)	25 kpa (250 mbar, 100.4 inches of water)	
Protection	IP 44	
Max. Dust Capacity	25 L (6.6 gallons)	
Max. Connected Power Tool	2200 W	
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
- * Washable Diaphragm Filter x1
- * Cloth Dust Bag with Hook & Loop Closure x1

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, power tool integrated switch, or optional air tool integrated switch.

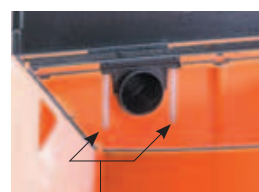
Variable Motor Speed Control. To tailor the suction to various applications and tools.



■ Pneumatic Switching Model DEP25

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)

Part Number

305-00085-000-001



Pleated Main Filters x1
(Each machine requires 2 pcs)

Part Number

305-00079-000-001

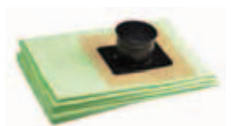


Washable Diaphragm Filter x1
Pull Strap x1

Part Number

0299-0029-00000-001

303-02029-004-001



Paper Dust Bag x1

Part Number

0299-0025-00000-001



Cloth Dust Bag with Hook
& Loop Closure x1

299-0026-00000-003



Vacuum Hose (4M) x1

Part Number

0203-0007-00004-004



Vacuum Hose
End Adaptor x1

Part Number

303-02026-004-001



1.Handle (32mm) x1

Part Number 305-00307-000-001

2.Crevice Nozzle (32mm) x1

Part Number 305-00307-000-003

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

Part Number 305-00307-000-004

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

Part Number 305-00307-000-002

5.Chrome Telescopic Tube

(32mm, 48/78cm) x1

Part Number 305-00307-000-005

Electric Screw Driver



Model	LY0855
Power Input	500 W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load min ⁻¹	0-2500
Capacity	6mm (1/4")
Dimensions (LxWxH)	275mm x 70mm x180mm
Net Weight	1.5kg (3.31 Lbs)

STANDARD ACCESSORIES

- * Magnetic socket 5/16" x1

Wood Trimmer



Model	LY0608N
Power Input	440 W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load min ⁻¹	30,000
Capacities	6mm or 6.35mm (1/4")
Dimensions(LxWxH)	245mm x 85mm x115mm
Net Weight	1.27kg (2.8 Lbs)

STANDARD ACCESSORIES

- * Straight Guide Assy x1
- * Arbor wrench M13/M22 x2

Flexible Shaft Grinder



Model	LY128
Power Input	550 W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load min ⁻¹	0~16,000
Capacity	3mm (1/8")
Dimensions(LxWxH)(Motor unit only)	95mm x 95mm x 140mm
Net Weight	2.3kg (5.07 Lbs)

STANDARD ACCESSORIES

- * Complete Drive Shaft Set (W/O Bit) x1

Impact Wrench



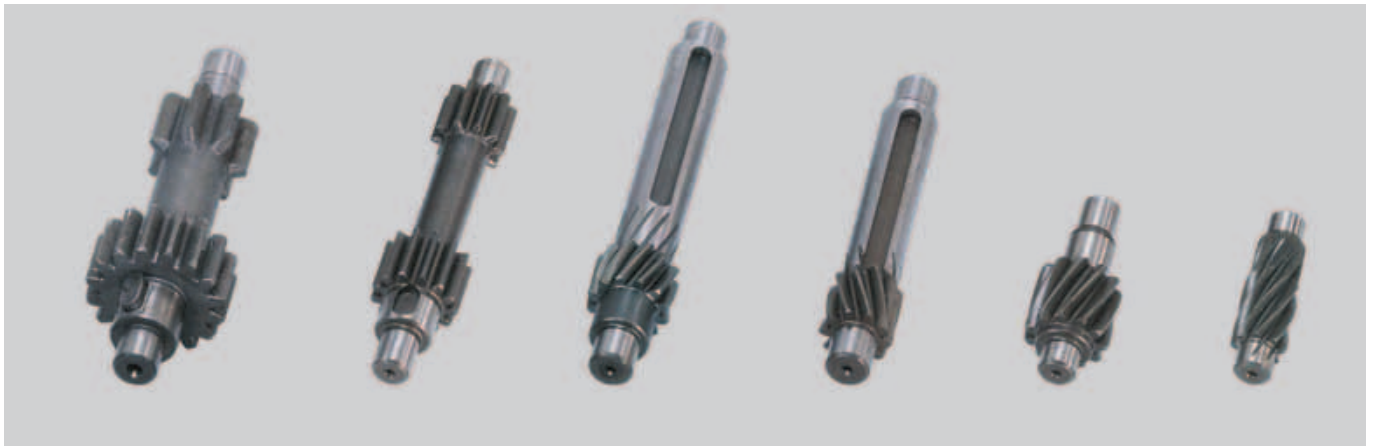
Model	LY1726
Power Input	500 W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load min ⁻¹	0~2100
Square Drive W/P	1/2 in.
Impact Per Minute	0~2800
Max. Torque	150 N-m
Dimensions(LxWxH)	280mm x 70mm x 180mm
Net Weight	1.7kg (3.75 Lbs)

STANDARD ACCESSORIES

- * Socket 21mm x1
- * Socket 19mm x1

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.





LEE YEONG INDUSTRIAL CO., LTD.

No.2, Kejia Rd., Douliu City, Yunlin County 64057,
Taiwan

Tel: 886-5-5518689 Fax: 886-5-5518635

<http://www.agp-powertools.com>

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E-mail: sale@agp-powertools.com

E-mail: diane@agp-powertools.com

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