

***GAINING GROUND WITH***

***SCHWAMBORN***



CALL 1800 422 992 | EMAIL [sales@allprep.com.au](mailto:sales@allprep.com.au) | [www.allprep.com.au](http://www.allprep.com.au)



At All Preparation Equipment it's our mission to make tough jobs easy through the supply of high quality, reliable products, tooling, and equipment.

With a combined industry experience of over 30 years in the construction, building and flooring industry we supply and service equipment that has been built to a standard to guarantee high performance and positive outcomes on-site.

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## WHY SCHWAMBORN GRINDERS?

German built, engineered and manufactured, Schwamborn Concrete Floor Grinders offer extremely high production, made possible due to their combination of weight, motor power, and diamond grinding pressure. Combined with the correct diamond tooling, our Schwamborn machines offer productive, high performance efficiency when on site. These machines are powerful, easy to manoeuvre, and have the flexibility to perfect your floor with a superior polished finish, or to simply remove humps, glues, paints, trip hazards & epoxies. Built to a standard professional contractors demand and expect, this German-built machine boasts the highest quality of workmanship and proud to be rental tough™. Over 3 years of engineering experience stands behind the design of every Schwamborn machine. Designed for excellence in floor preparation, polishing and removal.

### Featuring

- **DOC Drive Overload Clutch**  
Protects the drive against shock loads when starting or driving over obstacles, in turn extending the surface life of your new machine.
- **ETX Easy Tool Exchange**  
Time is money! This simple knock on diamond shoe system is designed for easy and quick tooling exchange.
- **DIF Diamond Floating Device**  
Nothing is worse than an uneven surface when you™re looking for a perfect floor finish. Because every floor surface is different, our DIF system ensures uniform grinding results and reduces the machine's vibration at the same time.
- **MOP Motor Overload Protection**  
Improved electrical safety gives outstanding reliability for our Schwamborn machines when working under heavy working conditions.

## CHOOSE THE RIGHT MACHINE

### SINGLE PHASE

- DSM250
- DSM250VS
- DSM250 Petrol
- DSM400 230v
- DSM450
- DSM450VS



### THREE PHASE

- DSM400 400v
- DSM530S
- DSM650S



### REMOTE CONTROL

- DSM650RC
- DSM800RC



### SEE THE GRINDERS IN ACTION

Simply scan the QR code with your phone to view the range of Schwamborn grinders in action on our YouTube channel.



## DSM250 GRINDER

### Applications

Grinding and repairing of concrete, screed, asphalt, timber and stone floors. Wide range of applications from removing thick glue, waterproofing membrane and coatings, to grinding back high spots and regulating uneven floors.

### Performance

- Increase your edge grinding speed by more than 33% while saving you from being down and your hands and knees.
- Flexible coupling provides low-vibration grinding and a perfect finish on every floor every time.
- Freely adjustable floating dust shroud automatically adapts to wall contours for simple, dust-free grinding of edges.

### Technical Data

Grinder	DSM250
Voltage	230V
Power output	2.2kW
Working width	250mm
Grinding pressure	35kg
Operating weight	56kg
Edge distance	0mm
Tool speed	1450 RPM
Ø Dust control	50mm
Dimensions	100 x 40 x 100cm



**“Our new DSM250 smashed the other one, it worked so well the boys were grinding almost 3 times what the other would remove. The speed of the Schwaborn is a weapon and just glides over the floor” - Shoey**

## DSM250VS EDGE GRINDER

### Applications

Variable speed control provides greater flexibility for a wider range of applications, from your initial cut, grinding off glues and coatings, to grouting and achieving a full mechanical polished concrete floor.

### Performance

- The most easy and efficient grinder to use for edge grinding and polishing allowing you to finish edges faster without the pain of being down on your hands and knees.
- Variable speed control allows you to adjust depending on the task you have on hand, whether it be concrete grinding or polishing.
- Practical water tank with drip feed for wet grinding to suppress dust and assist with grinding.

### Technical Data

Grinder	DSM250VS
Voltage	230V
Frequency	50Hz
Power output	2.2kW
Working width	250mm
Grinding pressure	35kg
Operating weight	61kg
Edge distance	0mm
Tool speed	740-1500 RPM
Water tank	5L
Water feed	Yes
Ø Dust control	50mm
Dimensions	100 x 40 x 100cm



**“Love our variable speed DSM250 grinder! We run it wet or dry depending on the job and we’re saving a load of time through each pass, whether we’re grinding or polishing” - Mike**



Three working positions (Left – Right – Centre) to allow you to get close to the wall.



Safety red locking ring holds the diamonds in place when the machine is being transported to or around site.



Dust shroud allows you to grind right to the edge while keeping dust under control.



Level bubble.



Stepless speed control from 740-1500rpm.



Watertank for wet grinding and polishing.



Abrasion-resistant wheels (streak free) for clean working.



Dust shroud allows you to grind right to the edge while keeping dust under control.

# DSM250P PETROL GRINDER

## Applications

Powered by petrol, this is an ideal grinder for levelling off high spots, removing trip hazards, line removal in carparks, footpaths, and factory floors where the work is outdoors and access to power is limited.

## Performance

- Variable speed control allows you to adjust depending on job conditions e.g. where lighter removal is required.
- Ergonomic adjustable handle for operator comfort and compact of transport to and site.
- Central water feed to assist with grinding and suppress dust.
- Deadman switch for operator safety.

## Technical Data

Grinder	DSM250P
Power output	6.6kW
Working width	170/250mm
Grinding pressure	34kg
Operating weight	99kg
Edge distance	10mm
Tool speed	900-1800 RPM
Water feed	Yes
Ø Dust control	50mm
Dimensions	130 x 41.5 x 105cm



# DSM400 GRINDER

## Applications

Grinding and polishing of concrete, screed and stone floors, removal of glue and fillers and levelling of uneven floors.

## Performance

- Fast consistent finish, with a single head the machine level and flatten a floor every time with minimal effort.
- Capable workhorse machine, having the ability to use 6 or 9 diamond shoes you can make the machine be fast and aggressive or use it for high speed floor levelling and grinding down high spots.
- Practical, easy to transport and economical. With an adjustable frame and handles the machine is so easy to use and means faster production on any concrete floor.

## Technical Data

Grinder	DSM400 230V
Voltage	230V
Power output	2.2kW
Working width	400mm
Grinding pressure	20-52kg
Operating weight	70kg
Additional weights	2x7kg weights
Edge distance	10mm
Tool speed	600 RPM
Ø Dust control	50mm
Dimensions	65 x 45 x 75cm



**“That DSM400 machine is a beast – if you left it to sit it would eat through the concrete.” – Peter**



Variable speed control.



Guide wheel available for easy removal of lines.



Adaptable grinding width of 250mm or 170mm for precise line removal.



Foldable handle for compact transport to and from site.



Extendable handles to share weight load when lifting.



Get the job faster with 400mm grinder width.



Additional weights for adjustable grinding pressure.

# DSM450 GRINDER

## Applications

The DSM450 Grinder is ideal for high speed concrete preparation, removing glues or coatings and levelling floors. The addition of variable speed on the DSM450VS Grinder allows you to use the grinder for a much greater range of applications from sanding timber, right through to a professional polished concrete floor.

## Performance

- By far the most productive single phase grinder combining weight, power and drive, helping you achieve a flatter floor, faster!
- Planetary grinding system allows you to get a flatter floor faster.
- Ensures you get the maximum possible productivity through the direct driving action.
- Compact and portable design, the DSM450 can be dismantled into 2 parts for transport in any vehicle.

## Technical Data

Grinder	DSM450	DSM450VS
Voltage	230V	230V
Frequency	50Hz	50Hz
Power output	2.2kW	2.2kW
Working width	450mm	450mm
Operating weight	106kg	106kg
Edge distance	10mm	10mm
Tool speed	900 RPM	440-1150 RPM
Water tank		5L
Water feed		Yes
Ø Dust control	50mm	50mm
Dimensions	94.5 x 47.8 x 95.7cm	94.5 x 47.8 x 95.7cm



Modern control panels on both grinders (DSM450VS and DSM450).



Available in single or variable speed applications



Planetary grinding system to achieve a flatter floor faster.



Removable head for simple, unproblematic transportation.



Practical water tank with dosing tap for precise wet grinding and polishing [DSM450VS version only].



Crane hook for loading into vehicles or lifting up multi-story buildings.

# DSM400 400V GRINDER

## Applications

Grinding and levelling uneven concrete, screed, and stone floors, as well as fast removal of membranes, coatings, or glue.

## Performance

- Outstanding productivity best for high-speed concrete preparation.
- Fast consistent finish, with a single head the machine level and flatten a floor every time with minimal effort.
- Capable workhorse machine, having the ability to use 6 or 9 diamond shoes you can make the machine be fast and aggressive or use it for high-speed floor levelling and grinding down high spots.
- Practical, ergonomic, and easy to transport. With an adjustable frame and handle the DSM400 Grinder is so easy to transport to any jobsite.

## Technical Data

Grinder	DSM400 400V
Voltage	400V
Frequency	50Hz
Power output	4kW
Working width	400mm
Grinding pressure	30.5-53kg
Operating weight	107.5kg
Additional weights	3x7kg weights
Edge distance	10mm
Tool speed	900 RPM
Ø Dust control	50mm
Dimensions	65 x 45 x 75cm



Foldable handle for compact transport to and from site.



Extendable handles to share weight load when lifting.



Get the job faster with 400mm grinder width.



Additional weights for adjustable grinding pressure.



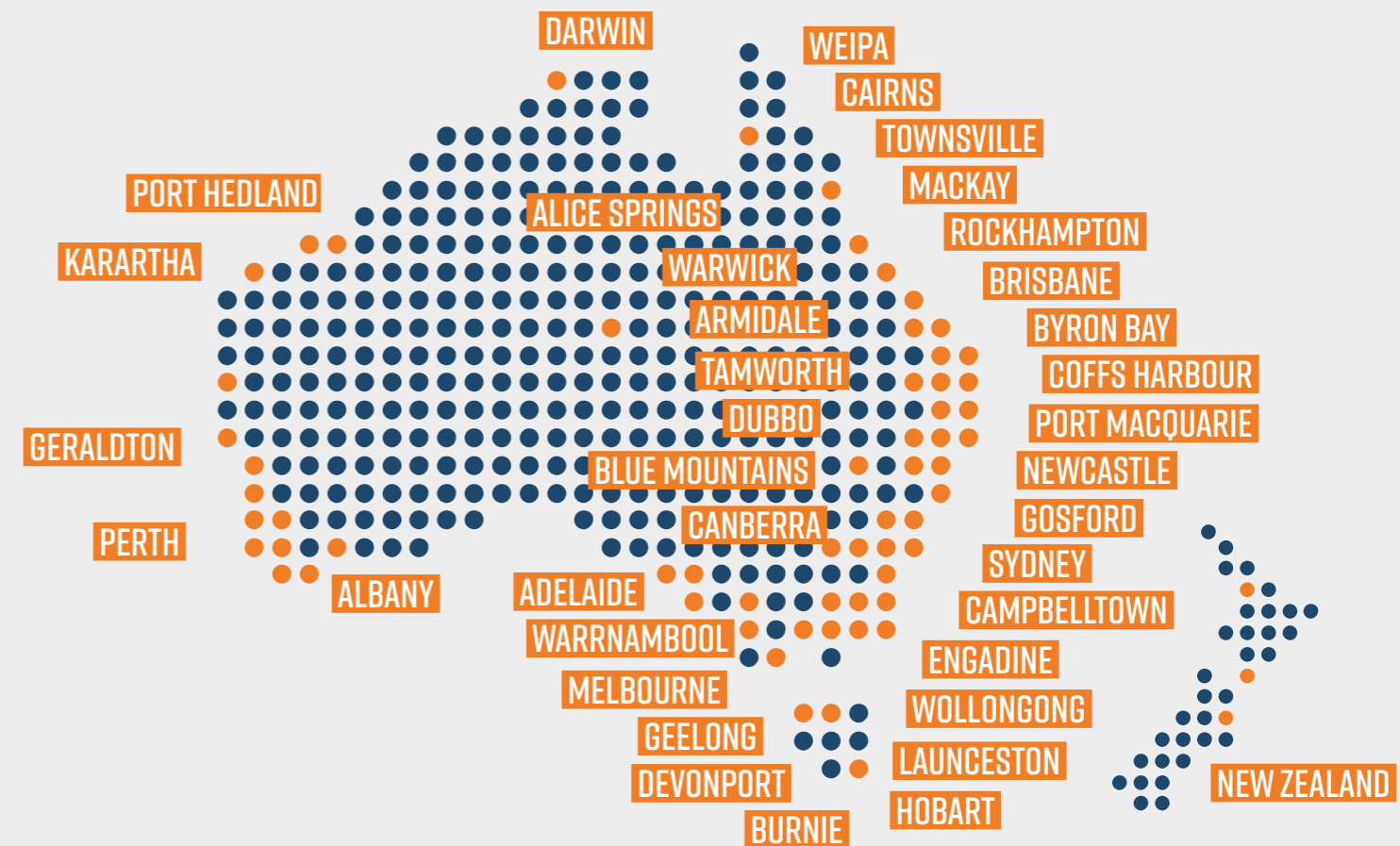
## WE'RE A LOCAL TEAM WITH SUPPORT ON THE GROUND

Australia-wide. We do everything we can to make our customers **TOUGH JOBS EASY**, keeping their needs and requirements at the heart of what we do.

Our experience with flooring contractors Australia-wide helps us understand the unique differences with concrete in each region and problems you typically face when it comes to prepping and polishing concrete floors.

We're backed by the very reason we began.

To make **TOUGH JOBS EASY**.



## DSM530S GRINDER

### Applications

Wide range of applications from high speed removal of existing glues and coatings, to prepping concrete prior to applying epoxy or waterproofing, and completing a full mechanical polished concrete floor.

### Performance

- Faster, easier floor preparation and polishing with a high performance three phase motor and planetary grinding heads.
- Reduced vibration during heavy removal with the anti-shock transmission mounting (ASD) feature.
- Water tank with water feed for easy wet grinding and polishing.
- Built with ergonomics in mind making it easier to transport and operate on site.

### Technical Data

Grinder	DSM530S
Voltage	400V
Frequency	50Hz
Power output	7.5kW
Working width	530mm
Grinding pressure	165kg
Operating weight	253kg
Additional weights	50kg
Edge distance	10mm
Tool speed	400-1200 RPM
Water tank	15L
Water feed	Yes
Ø Dust control	76mm
Dimensions	160 x 58 x 126cm

**“I’ve only got good reports about it, the machine just glides over the floors unlike others brands we have tried. I am completely wrapped with it. You don’t have to fight it, the boys love it.” – Paul**



Heavy duty adjustable skirt to control dust when grinding.



Digital display with power indicator.



Full planetary belt driven gearbox for quite operation.



Foldable handle for compact transport to and from site.

## DSM650S GRINDER

### Applications

This innovative, high-performance machine makes for efficient, professional grinding and preparation in large floor areas when preparing concrete, removing coatings or polishing floors. Wide range of applications from high speed removal of existing glues and coatings, to achieving a polished concrete floor.

### Performance

- Reduced vibration during heavy removal with the anti-shock transmission mounting (ASD) feature.
- Built with ergonomics in mind making it easier to transport and operate on site.
- Water tank with water feed for easy wet grinding and polishing.
- Best machine in its class. No matter how imperfect your floor is when you begin, this workhorse machine allows you to achieve the perfect finish on any floor.
- Faster, easier floor preparation and polishing with a high performance three phase motor and planetary grinding heads.

### Technical Data

Grinder	DSM650S
Voltage	400V
Frequency	50Hz
Power output	11kW
Working width	650mm
Grinding pressure	197kg
Operating weight	291kg
Additional weights	50kg
Edge distance	10mm
Tool speed	400-1200 RPM
Water tank	15L
Water feed	Yes
Ø Dust control	76mm
Dimensions	160 x 58 x 126cm



Heavy duty adjustable skirt to control dust when grinding.



Digital display with power indicator.



Full planetary belt driven gearbox for quite operation.



Additional weights available for maximum grinding pressure.



## WORK IT REMOTE

GRINDING DOESN'T HAVE TO BE A GRIND. LET YOUR GRINDER DO THE GRINDING WITH THE RANGE OF REMOTE CONTROLLED SCHWAMBORN GRINDERS.



THE REMOTE CONTROL PROVIDES COMFORTABLE AND VIBRATION-FREE WORKING FOR THE OPERATOR ALLOWING YOU TO COVER A GREATER AREA IN LESS TIME.

# DSM650RC / DSM800RC GRINDERS

## Applications

Entrust your floor preparation projects to the Schwamborn DSM650RC and DSM800RC Remote Controlled Grinders. The professional grinding machines with remote control powered by Schwamborn technology. Suitable for high performance in large areas (DSM800RC) or for agile and versatile use (DSM650RC) to get the job done faster with enhance operator comfort and a high level of productivity. Idea machines for high speed removal, grinding, and preparation and polishing of concrete, industrial and stone floors.

## Performance

- High performance grinders allowing you to meet tight deadlines and complete over 2,000sqm of floor preparation in one day.
- Easily adjust grinding pressure to the front or back of the machine with the adjustable weights.
- Remote control display provides information on machine performance to ensure a uniformly high surface quality and maximum productivity.
- 180° turning manoeuvres with grinder overlapping to ensure uniform grinding result.
- Vibration-free working for the operation with the remote control.
- Ease of transport in remote mode with no heavy lifting or manoeuvring. Also comes standard with crane hook for transporting up multiple levels onsite.

## Technical Data

Grinder	DSM650RC	DSM800RC
Voltage	400V	400V
Frequency	50-60Hz	50-60Hz
Power output	11kW	15kW
Working width	650mm	800mm
Grinding pressure	165/230/120kg	215/270/160kg
Operating weight	450kg	615kg
Additional weights	50kg	50kg
Edge distance	10mm	10mm
Tool speed	400-1200RPM	400-1200RPM
Water tank	15L	26L
Water feed	Yes	Yes
Ø Dust control	76mm	76mm
Dimensions	130 x 65 x 140cm	176 x 84 x 155cm



"After using other brands of grinders, the reason I brought Schwamborn was because it is a quality German constructed machine, it's powerful and heavy with simple design features and functionality. This grinder is also compact for a 650 machine." – Josh



Narrow design to enable tight access through doorways.



Heavy duty, on marking wheels.



Anti-shock transmission mounting (ASD) for reduced machine vibration.



Display with power indication = optimum diamond selection and performance.



Ability to remove thick coatings in a single pass.



180 degree turning manoeuvres with grinder overlapping to give consistency in your grind or cut.



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