



Surface Preparation



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We reserve the right to make changes in technology, specifications and pricing without prior notice.

High-level power and performance.

A unique 5-way sealing mechanism protects bearings and internal parts from aggressive concrete dust and slurry. This contributes to a longer machinery service life before the first service and between subsequent servicings.



The control box is clearly marked and easy to use. It regulates and controls various functions on the machine.

Superior industrial-strength construction delivers an attractive yet tough and powerful machine.



Low impact on operator's body when handling, due to ergonomic frame and handle design.



Solid hard rubber wheels help the machine deliver smoother cutting and polishing.



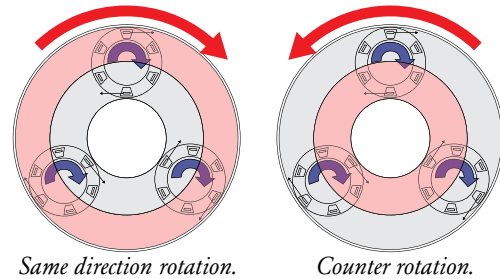
Dust collectors with primary and secondary filter housing for efficient containment of dust.



Low tool and maintenance cost.



The kicker bar is useful when tilting the machine back onto the floor because you can put your foot on the bar and use your body as a counter weight.



Same direction rotation.

Counter rotation.

Husqvarna Dual Drive Technology™.

Dual Drive Technology™ is an exclusive and patented twin motor drive system, revolutionizing low-maintenance, gear-driven planetary head rotation systems. Available only with the Husqvarna PG 820 and PG 680.

Dual Drive Technology™ allows the operator to selectively control speed or direction of either the planetary head or the discs – resulting in unlimited potential speed and direction combinations.

The Husqvarna PG 820 and PG 680 are multifunctional machines with multiple benefits for the modern polishing and grinding operator.

- Enables the operator to optimize the grinder for each application.
- Individual speed and direction control for both planetary head and satellite discs.
- Same direction of rotation creates more friction on diamond tools, delivering wider width of grinding and higher productivity.
- Opposite direction of rotation creates less friction on diamond tools, delivering less powerful grinding effect and easier handling.



Application optimization via Dual Drive Technology™.

APPLICATION	SAME DIRECTION ROTATION	COUNTER-ROTATION	DISC SPEED			PLANETARY SPEED		
			LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
EPOXY COATING REMOVAL	•	–	–	–	•	–	•	•
CERAMIC TILE ADHESIVE REMOVAL	•	–	–	–	•	–	•	•
RAIN-DAMAGED SLAB RECTIFICATION	•	–	–	–	•	–	–	•
FLATTENING OF UNEVEN FLOORS	•	–	–	–	•	•	•	–
AGGRESSIVE GRINDING OF FLOOR SURFACES	•	–	–	–	•	•	•	–
REMOVAL OF THICK CONTACT ADHESIVE	•	–	–	•	•	–	•	–
LIPPAGE REMOVAL (STONE AND TERRAZZO TILES)	•	•	–	•	•	–	•	–
RE-GROUTING OF CONCRETE FLOORS (FOR HiPERFLOOR™ SYSTEM)	–	•	•	•	–	•	•	–
RESIN BOND DIAMONDS, CONCRETE	•	–	–	•	•	–	•	•
RESIN BOND DIAMONDS, STONE	•	•	•	•	–	•	•	–

The above chart lists some applications that can be performed using the PG 820 and PG 680 and demonstrates how Dual Drive Technology™ can be utilized to optimize the performance and productivity of the machine.





The Husqvarna series of surface preparation and dust collection systems is a unique balance of power, design and tooling. Husqvarna's patented technologies set us apart from other machines and provide users with unmatched control, power and a multi-functional range of applications. Applications range from concrete floor preparation and repair to grinding and polishing of concrete floors, as well as the repair and polishing of terrazzo and other natural stone.

Husqvarna PG 820.



An all-purpose grinder that is perfect for contractors who need an extremely powerful and tough grinder/polisher to handle large areas and a wide array of applications. High production rates, when compared to others in its class, are achieved thanks to Dual Drive Technology™.

Applications.

- Handles all wet and dry grinding applications.
- Removes adhesives, coatings and screed.
- Perfect for HiPERFLOOR™ concrete floor polishing system as well as polishing of natural stone and terrazzo surfaces.

Benefits.

- Dual Drive Technology™ enables the operator to control individual speed and direction of the planetary head and satellite discs, optimizing any grinding application.
- Patented twin motor drive system facilitates maximum power for aggressive grinding applications.
- Triple-headed grinder provides more downward pressure and power to the grinding heads compared to 4-head machines.
- Extremely high production rates when rapidly removing tough, heavy-duty surfaces/coatings as well as when floor polishing with an industrial and commercial capacity.
- Low tool cost and long machinery service life due to the 5-way sealing mechanism, spring steel head system and zinc-plated steel parts.

Product specifications.

	PG 820	PG 820	E
Item no.	965195608	965195612	
Technical specifications.			
Power, hp (kW)	17 (12.5)	17 (12.5)	
Voltage, V	380–480	220–240	
Rated current, amps	32	4.3	
Power supply	3-phase	3-phase	
Grinding width, in (mm)	32 (820)	32 (820)	
Grinding disc, in (mm)	10-1/2 (267)	10-1/2 (267)	
Grinding pressure total, lbs (kg)	737 (335)	737 (335)	
Grinding pressure per disc, lbs (kg)	246 (112)	246 (112)	
Power per grinding disc, hp (kW)	5.7 (4.15)	5.7 (4.15)	
Grinding disc speed, rpm	250–1,100	250–1,100	
Planetary head speed, rpm	5–65	5–65	
Direction of rotation	Independent FWD/REV direction control on both grinding discs and planetary head	Independent FWD/REV direction control on both grinding discs and planetary head	
Dimensions (LxWxH), in (mm)	88 x 33 x 80 (2,235 x 851 x 2,032)	88 x 33 x 80 (2,235 x 851 x 2,032)	
Weight, lbs (kg)	970 (440)	970 (440)	
Recommended generator size	25 kW	25 kW	

Generator size when PG 820 used in conjunction with DC 5500: 45 kW.

Accessories.

		P
A	Redi Lock™ diamond holder disc	502532201
B	Resin holder disc	502531801
C	Rubber skirt, non marking	502534601
D	Head lock	502534401
E	Resin holder disc replacement rubber pad	502531901
F	Resin holder disc replacement velcro pad	502532001
	Head lock screw	725537051
	Water kit	505453201
	Grinding head steel spring	502534201
	Silicone ring	502534301
	PCD bolt on plate	502532101
	Carbide holder	581276801
	Replacement 1' x 1" carbide	581285001
	Demo head PG820	502533801
	Flex head PG 820	502533802
	10 Seg holder	574653702



Redi Lock™ diamond holder disc.



Resin holder disc.



Rubber skirt, non marking.



Head lock.



Resin holder disc replacement rubber pad.



Resin holder disc replacement velcro pad.

Use the QR-tag to check out more about the PG 820.



Husqvarna PG 680.



Product specifications.

	PG 680	PG 680	E
Item no.	965195708	965195712	

Technical specifications.

Power, hp (kW)	17 (12.5)	17 (12.5)
Voltage, V	380–480	220–240
Rated current, amps	32	43
Power supply	3-phase	3-phase
Grinding width, in (mm)	27 (680)	27 (680)
Grinding disc, in (mm)	9-1/2 (240)	9-1/2 (240)
Grinding pressure total, lbs (kg)	660 (300)	660 (300)
Grinding pressure per disc, lbs (kg)	220 (100)	220 (100)
Power per grinding disc, hp (kW)	5.7 (4.15)	5.7 (4.15)
Grinding disc speed, rpm	600–1,200	600–1,200
Planetary head speed, rpm	5–70	5–70
Direction of rotation	Independent FWD / REV direction control on both grinding discs and planetary head	Independent FWD / REV direction control on both grinding discs and planetary head
Dimensions (LxWxH), in (mm)	78 x 28 x 79 (1,981 x 711 x 2,007)	78 x 28 x 79 (1,981 x 711 x 2,007)
Weight, lbs (kg)	850 (385)	850 (385)
Recommended generator size	25kW	25kW

Generator size when PG 680 used in conjunction with DC 5500: 45 kW.

Accessories.

	P
A Redi Lock™ diamond holder disc	502545801
B Resin holder disc	502545101
C Rubber skirt, non marking	502548601
D Head lock	502534401
E Resin holder disc replacement rubber pad	502545501
F Resin holder disc replacement velcro pad	502545601
Head lock screw	502534501
Water kit	505453201
Grinding head steel spring	502548201
Silicone ring	502534301
PCD bolt on plate	502545701
Carbide holder	581276801
Replacement 1' x 1" carbide	581285001
Demo head PG680	502547801
Flex head PG680	502533803
10 Seg holder	574653702

An extremely powerful and tough grinder/polisher designed for a wide array of applications. Dual Drive Technology™ gives it the highest production rates compared to other grinders in its class.

Applications.

- Handles all wet and dry grinding applications.
- Removes adhesives, coatings and screed.
- Perfect for HiPERFLOOR™ concrete floor polishing system as well as polishing of natural stone and terrazzo surfaces.

Benefits.

- Dual Drive Technology™ enables the operator to control individual speed and direction of the planetary head and satellite discs, optimizing any grinding application.
- Patented twin motor drive system facilitates maximum power for aggressive grinding applications.
- Triple-headed grinder provides more downward pressure and power to the grinding heads compared to 4-head machines.
- Extremely high production rates when rapidly removing tough, heavy duty surfaces/coatings as well as when floor polishing with an industrial and commercial capacity.
- Durable components increase time between service intervals.
- It fits through a standard doorway, making it accessible to most projects.



Redi Lock™ diamond holder disc.



Resin holder disc.



Rubber skirt, non marking.



Head lock.



Resin holder disc replacement rubber pad.



Resin holder disc replacement velcro pad.

Husqvarna PG 530.



The smallest planetary grinder available, it's the perfect machine for residential and commercial contractors that work in tight spaces. Available in single or three-phase versions to ensure the most power is available for the job.

Applications.

- Unmatched capacity for its class, it has high production rates when quickly removing tough surfaces/coatings.
- Perfect for polishing in residential and smaller commercial spaces.

Benefits.

- Triple-headed grinder with same direction planetary head and satellite discs, which allows it to grind more aggressively.
- High production rates when rapidly removing tough, heavy-duty surfaces/coatings, as well as when floor polishing with a light commercial and domestic capacity.
- FWD/REV operation with variable speed increases range of grinding control.
- Due to its size, it is easy to maneuver in tight spaces.
- A flatter, more consistent grinding surface than that offered by 4-headed machines.
- When wet or dry grinding, a nearly dustless environment can be achieved when using a DC 3300.

Product specifications.

	PG 530	PG 530	E
Item no.	965195814	965195813	

Technical specifications.

Power, hp (kW)	5 (4.75)	5 (4.75)
Voltage, V	220-240	480
Rated current, amps	16	16
Power supply	1-phase	3-phase
Grinding width, in (mm)	21 (530)	21 (530)
Grinding disc, in (mm)	9-1/2 (240)	9-1/2 (240)
Grinding pressure total, lbs (kg)	295 (134)	295 (134)
Grinding pressure per disc, lbs (kg)	106 (45)	106 (45)
Power per grinding disc, hp (kW)	1.7 (1.25)	1.7 (1.25)
Grinding disc speed, rpm	200-710	200-710
Planetary head speed, rpm	50	50
Direction of rotation	FWD/REV with grinding discs and planetary head rotation in same direction (not counter rotation)	
Dimensions, in (mm) (LxWxH)	73 x 21 x 74 (1,321 x 533 x 1,880)	
Weight, lbs (kg)	475 (216)	475 (216)
Recommended generator size	12 kW	15 kW



Redi Lock™ diamond holder disc.



Resin holder disc.



Rubber skirt, non marking.



Head lock.



Resin holder disc replacement rubber pad.



Resin holder disc replacement velcro pad.

Accessories.

	P
A Redi Lock™ diamond holder disc	502545801
B Resin holder disc	502545101
C Rubber skirt, non marking	502558901
D Head lock	502534401
E Resin holder disc replacement rubber pad	502545501
F Resin holder disc replacement velcro pad	502545601
Head lock screw	725537051
Water kit	505453201
Grinding head, conventional	502558201
Silicone ring	502533901
PCD bolt on plate	502545701
Carbide holder	581276801
Replacement 1' x 1" carbide	581285001
10 Seg holder	574653702

Husqvarna PG 400 SF.

It's the perfect tool for surface preparation and rental customers that need to grind concrete, mastic, glue, overlays and epoxies. An extremely powerful machine for its size, it can use a wide array of grinding discs to prep the concrete multiple ways.



Applications.

- Capable of grinding adhesive residue, paint and spackle on large concrete areas.
- Efficiently grinds due to high rpm levels.

Benefits.

- The dust guard and vacuum port are designed to create efficient suction of dust and therefore create an almost dustless environment.
- Easy and convenient to use due to the ergonomically designed handlebar and low noise levels.
- Large range of diamond tooling available for a wide range of grinding applications.
- Powerful, 5.3 hp, 3-phase motor enables high production rates. Also available with a 4 hp, 1-phase motor.

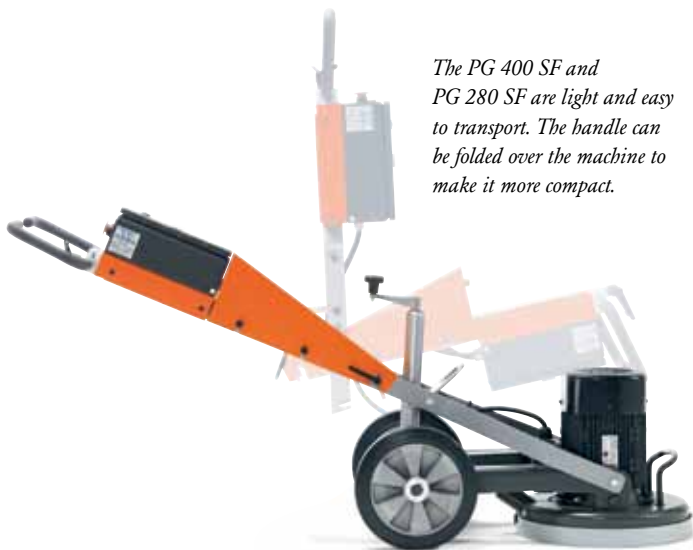
Product specifications.

	PG 400 SF	PG 400 SF	PG 400 SF	E
Item no.	966987507	966987506	966987508	

Technical specifications.

Power, hp (kW)	5.3 (4)	5.3 (4)	4 (3)
Voltage, V	380-480	200-240	200-240
Rated current, amps	9	15	18
Power supply	3-phase	3-phase	1-phase
Grinding width, in (mm)	16 (410)	16 (410)	16 (410)
Grinding disc, in (mm)	16 (410)	16 (410)	16 (410)
Grinding pressure total, lbs (kg)	121 (55)	121 (55)	121 (55)
Grinding disc speed, rpm	1,720	1,720	1,160
Dimensions, in (mm) (LxWxH)	55 x 20 x 41 (1,400 x 510 x 1,050)	55 x 20 x 41 (1,400 x 510 x 1,050)	55 x 20 x 41 (1,400 x 510 x 1,050)
Weight, lbs (kg)	254 (115)	254 (115)	254 (115)
Recommended generator size	12 kW	12 kW	12 kW

The PG 400 SF and PG 280 SF are light and easy to transport. The handle can be folded over the machine to make it more compact.



Accessories.

		P
A	Redi Lock™ diamond disc holder	522677401
B	Rubber damper	510213101
	Rubber skirt	574272002
	Resin pad adapter	574653701



Redi Lock™ diamond disc holder.



Rubber damper.

Husqvarna PG 280 SF.

Use the QR-tag
to check out
more about
the PG 280 SF.



The ideal grinder for rental customers who need to grind concrete, mastics, paints, etc. It's small and easy to maneuver, yet strong enough to get the job done.

Applications.

- Perfect for grinding adhesive residue, paint and spackle on medium-sized concrete areas.
- Efficiently grinds due to high rpm levels and a wide range of discs available for various applications.

Benefits.

- The dust guard and vacuum port are designed to create efficient suction of dust and therefore create an almost dustless environment.
- Easy and convenient to use, with ergonomically designed handlebar and low noise levels.
- Large range of diamond tooling available for a wide range of grinding applications.



Ergonomically designed handlebar.

Product specifications.

	PG 280 SF	PG 280 SF	E
Item no.	966987420	966987415	

Technical specifications.

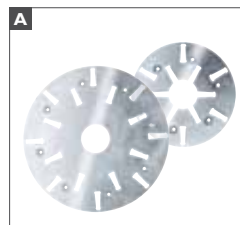
Power, hp (kW)	2 (1.5)	3 (2.2)
Voltage, V	110-120	220-240
Rated current, amps	18	18
Power supply	1-phase	1-phase
Grinding width, in (mm)	11 (280)	11 (280)
Grinding disc, in (mm)	11 (280)	11 (280)
Grinding pressure total, lbs (kg)	55 (25)	55 (25)
Power per grinding disc, hp (kW)	2 (1.5)	3 (2.2)
Grinding disc speed, rpm	1,160	1,720
Dimensions, in (mm) (LxWxH)	47 x 16 x 39 (1,200 x 410 x 1,000)	
Weight, lbs (kg)	154 (70)	154 (70)
Recommended generator size	6 kW	7-1/2 kW

Accessories.

		P
A	Redi Lock™ diamond disc holder	522677301
B	Rubber damper	510213101
	Rubber skirt	574272001
	Resin pad adapter	574653701
	Pigtail adapter (115V, 30amp model)	581488201
	PG 280 carbide holder	581276802



Single grinding plate with multiple diamond tool distribution positions.



Redi Lock™ diamond disc holder.



Rubber damper.

Husqvarna DC 5500.



It is the perfect choice for any large planetary grinder that needs a vacuum with high suction and flow to eliminate airborne dust. The high CFM and large capacity enable it to handle all grinding and polishing applications.

Applications.

- Highly mobile and versatile unit can be used for both wet and dry applications.
- Use with the Husqvarna PG 820 or PG 680.

Benefits.

- Vacuum includes 27 foot, 3" hose that connects the grinder to the vacuum, creating an almost dustless environment.
- Three-way filtering system contains dust with a particle filtration rate of 99.9% @ 1 micron.
- Does not disrupt surrounding areas due to quiet operation.
- Compact design allows unit to be transported easily.
- Unique bag disposal system contains messy and hazardous substances, making clean-up easy.
- Built-in phase correction for additional protection of vacuum pump and electronic circuitry.
- Can be used with grinder for wet and dry applications.

Product specifications.

	DC 5500	E
Item no.	965195920	
Technical specifications.		
Power, hp (kW)	7.4 (5.5)	
Voltage, V	380–480	
Maximum rated current, amps	32	
Power supply	3-phase	
Airflow, cfm (m ³ /hr)	350 (580)	
Maximum vacuum, psi (bar)	4.35 (300)	
Suction inlet diameter, in (mm)	3 (76)	
Primary filtration surface area, square ft (m ²)	25 (2.25)	
Micro filter surface area, square ft (m ²)	2 x 71.5 (2 x 3.25)	
Dimensions (LxWxH), in (mm)	43 x 26 x 77 (1,100 x 660 x 1,960)	
Weight, lbs (kg)	474 (215)	
Recommended generator size	25 kW	

Accessories.

		P
A	3" vacuum hoses with end fittings (10 m)	525584601
A	2" vacuum hoses with end fittings (10 m)	502569801
B	Vacuum wand with floor tool	502570301
	Angled plug	502567301
	Replacement strap	502570201
C	Dust collection bags (box of 200)	502570101
D	Primary filter (filter sock)	502569301
E	Secondary filter (polyester)/micro filter	502569501



Vacuum hoses with end fittings.



Vacuum wand with floor tool.



Dust collection bags.



Primary filter.



Secondary filter.

Husqvarna DC 3300.



A single-phase dust extraction unit designed to accompany the PG 530 grinder to ensure a dust-free work environment.

Applications.

- Capable of handling wet or dry applications.
- Suction capacity and filtration technology for even the toughest jobs, efficiently eliminating airborne dust.

Benefits.

- Vacuum includes 27 foot, 3" hose that connects the grinder to the vacuum, creating an almost dustless environment.
- Three - 1,100 W motors enable powerful suction of dust.
- Two-way filtering system contains dust with a particle filtration rate of 99.9% @ 1 micron.
- Three-stage filtration mechanism provides maximum protection for vacuum motors.
- Electronic vibrator system cleans filters.
- Unique bag disposal system for containment of messy and hazardous substances, making clean-up easy.
- Does not disrupt surrounding areas due to quiet operation.
- Compact design allows unit to be transported easily.
- Can be used with grinder for wet and dry applications.
- Designed to plug into 220–240 V, single-phase domestic/residential power supplies for convenient power source.

Product specifications.

	DC 3300	E
Item no.	965196015	

Technical specifications.

Voltage, V	220-240
Power supply	1-phase
Maximum rated current, amps	16
Power, hp (kW)	4 (3)
Airflow, cfm (m ³ /hr)	325 (520)
Maximum vacuum, psi (bar)	4.35 (300)
Suction inlet diameter, in (mm)	3 (76)
Primary filtration surface area, square ft (m ²)	11 (1)
Micro filter surface area, square ft (m ²)	11 (1)
Dimensions, in (mm) (LxWxH)	36 x 26 x 60 (900 x 650 x 1,520)
Weight, lbs (kg)	214 (97)
Recommended generator size	7-1/2 kW

Accessories DC 3300.

		P
A	3" vacuum hoses with end fittings (10 m)	525584601
A	2" vacuum hoses with end fittings (10 m)	502569801
B	Vacuum wand with floor tool	502570301
	Replacement strap	502570201
C	Dust collection bags (box of 200)	502570101
D	DC 3300 Primary filter (filter sock with end cap)	502573001
E	DC 3300 Secondary filter (polyester)/micro filter	502573201



Vacuum hoses with end fittings.



Vacuum wand with floor tool.



Dust collection bags.



Primary filter (filter sock).



Secondary filter (polyester)/micro filter.

Husqvarna DC 1400.



Includes two 12' hoses, wand, floor tool, two multi adapters, standard paper filter and two dust bags.

Product specifications.

	DC 1400	E
Item no.	966766805	

Technical specifications.

Power, hp (kW)	1.9 (1.4)
Voltage	115
Maximum rated current, amps	9
Power supply	1-phase
Airflow, cfm (m ³ /hr)	140 (237)
Tank capacity, gal (l)	16 (60.5)
Suction inlet diameter, in (mm)	2 (51)
Dimensions, in (mm) (LxWxH)	22 x 22 x 38 (560 x 560 x 970)
Weight, lbs (kg)	79 (36)

Accessories.

		P
A	12' vacuum hose	579533901
	Metal vacuum wand	579536101
	Floor tool	579535501
	Husqvarna multi adapter	579535101
B	Standard paper filter	579543101
	Flat filter polyester (for wet use)	579499501
	HEPA filter	579540001
	Dust bag (5-pack)	579535401
	Service tool	579536001
	Wand elbow	579535201

A small and lightweight wet/dry vacuum, it is perfect for dust control when used with the PG 400 or PG 280. It can also be used with hand grinders.

Applications.

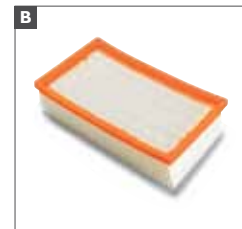
- Eliminates most dust, making the work environment better for the operator and the surrounding area.

Benefits.

- Compact design and low weight make it highly portable.
- Automatic dust filter cleaning prevents clogging while working.
- Auxiliary start/stop system enables remote start/stop of the DC 1400 when starting/stopping a connected hand tool (maximum 3 hp).
- Conveniently supplied with hoses and accessories, it's ready to perform.
- Can be used with PG 400 SF and PG 280 SF for wet and dry applications.
- Powerful 115V, single-phase motor supplies enough power for efficient suction of dust.
- Does not disrupt surrounding areas due to low noise rated at 64 dB (A).
- Washable polyester filters and convenient drainage outlet for easy maintenance.



Vacuum hose.



Replacement air filter

Use the QR-tag to check out more about the DC 1400.





FLOOR TREATMENT PRODUCTS



FLOOR
TREATMENT

Husqvarna offers a range of floor treatment products for use in the HiPERFLOOR™ process to help achieve a first-class mechanical and aesthetic finish.

Floor treatment products.



Husqvarna GM 3000™.

GM 3000™ is specifically formulated for re-grouting and hole filling in concrete surfaces. It's an inherent part of the HiPERFLOOR™ process. GM 3000™ is effective for patching and filling small air pockets/pin holes when polishing concrete floors.



Holes filled when grinding with 120 grit metal-bonded diamonds and GM 3000™.



Husqvarna Hiperhard™.

Hiperhard™ is an additional treatment product in the HiPERFLOOR™ process. It is a silicate applied to the concrete surface, to react with the calcium hydroxide that already exists in the concrete. A crystalline/glassy structure is formed in the pores of the concrete near the surface, and this is a main contributor to increasing the surface hardness of the concrete. The formation of calcium silicate in the concrete, combined with polishing the concrete with resin-bonded diamonds, significantly hardens the floor and improves the abrasion resistance as well as having a significant impact on the appearance of the final floor.



Husqvarna Hiperguard™ Premium Enhance.

Hiperguard™ Premium Enhance (PE) is a premium-grade surface impregnator, which is used in the final step of the HiPERFLOOR™ process. Hiperguard™ PE penetrates the concrete to form a film along the surface of the capillaries. This increases the surface tension of the floor, restricting the absorption of water, oil, fats and dirt. Stains are kept at the surface level, which simplifies maintenance and cleaning and extends the lifespan of the floor. Hiperguard™ PE also helps enhance the color of the material being sealed.

MODEL	VOLUME - GAL. (L)	ITEM NO.	P
GM 3000™	55 (208)	543087164	
GM 3000™	5 (20)	543087161	
GM 3000™	1 (5)	581921801	
Hiperhard™	55 (208)	580990201	
Hiperhard™	5 (20)	543087165	
Hiperhard™	1 (5)	581921802	
Hiperguard™	55 (208)	580990202	
Hiperguard™	5 (20)	579273604	





When it comes to surface preparation tools that polish and grind concrete surfaces or remove previous treatments, we are often talking about work that is both difficult and strenuous. Listening to our customers, we have built a full range of tools to fit every step of the surface preparation process. Whatever the level of finishing, Husqvarna provides different types of tools that have been developed for use with most materials. From the hardest to more porous concrete floors, our tools fulfill demands for cutting speed and surface finish.

Diamond tools for surface preparation.

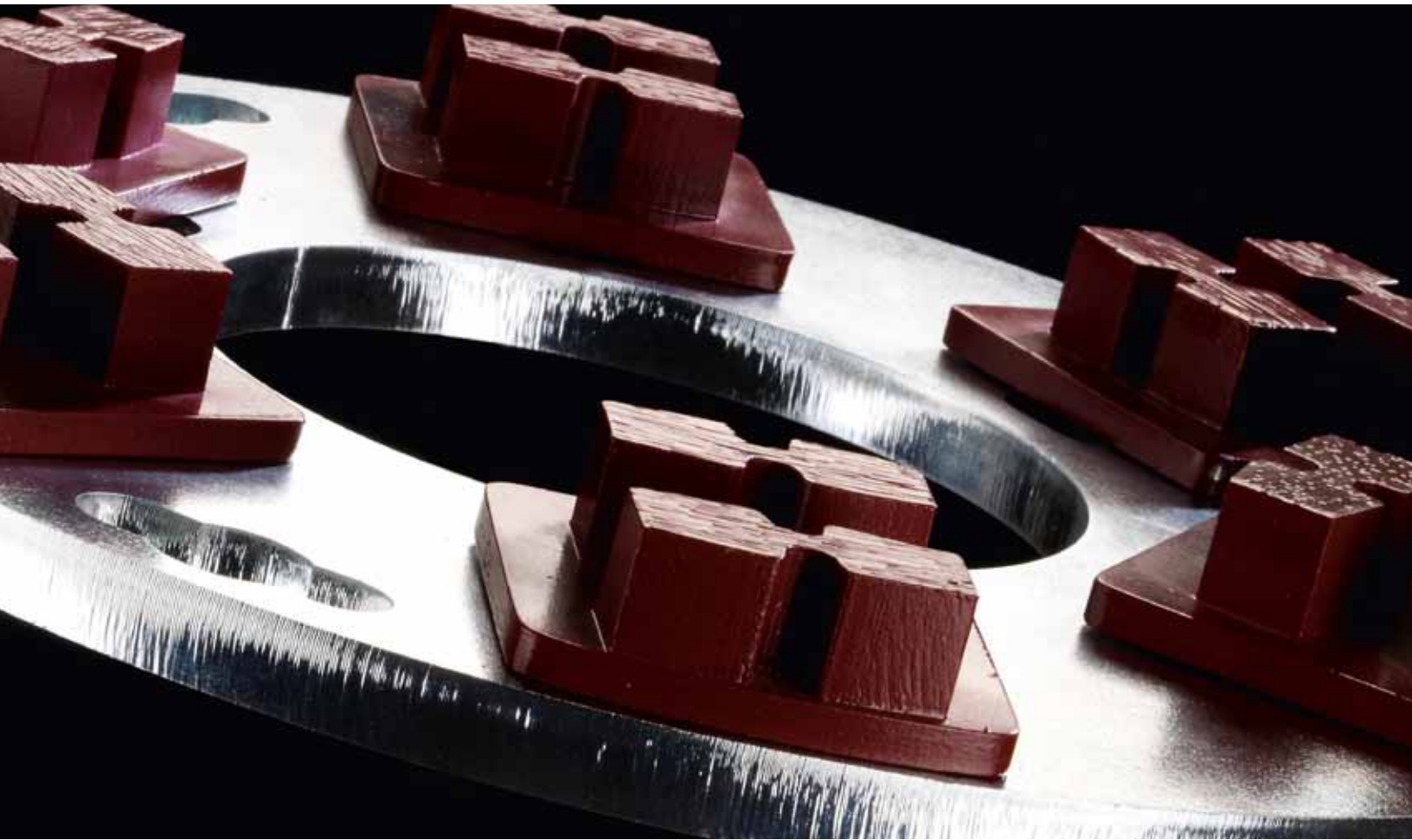


Application guide – removal.

MATERIAL	PCD	1100 SERIES						600 SERIES		
		G 1110	G 1120	G 1140	G 1150	G 1170	G 1180	G 620	G 640	G 670
POROUS CERAMIC GLUES	●	—	—	○	○	●	●	○	—	●
PLASTIC-LIKE CERAMIC GLUES	●	—	○	●	○	—	—	○	●	—
VINYL GLUES*	—	○	●	●	○	○	○	●	●	○
PAINT AND THIN EPOXY (<2 MM)	—	○	○	●	○	○	○	○	●	○
THICK EPOXY (15–40 MM)	●	—	○	●	●	○	—	○	●	○
Read more on page	28	28	28	29	29	29	29	30	30	30

● = Optimal ● = Good ○ = Acceptable — = Not recommended

* The advised tooling for this application depends on the type of concrete under the material being removed. Husqvarna recommends starting with a harder bond (G 1170 or G 1150), and moving to a softer bond if productivity is not satisfactory.



Application guide – grinding.

MATERIAL	PCD	1100 SERIES						600 SERIES		
		G 1110	G 1120	G 1140	G 1150	G 1170	G 1180	G 620	G 640	G 670
RAIN-DAMAGED CONCRETE	○	–	–	–	○	●	●	–	○	●
CONCRETE, SOFT	○	–	–	–	○	●	○	–	○	●
CONCRETE, MEDIUM HARD	–	–	○	●	●	○	–	○	●	○
CONCRETE, HARD	–	●	●	○	–	–	–	●	○	–
SEMI-POLISHED CONCRETE	–	●	○	–	–	–	–	○	–	–
Read more on page	28	28	28	29	29	29	29	30	30	30

● = Optimal ● = Good ○ = Acceptable – = Not recommended

Innovative diamond tools for optimum grinding and polishing.

Coding

Husqvarna's range of diamond grinding and polishing tools is the result of our commitment to providing the best possible options for every situation and application.

The diamond tools are coded to easily find the correct level of performance, applications, bond size, grit size and segment size for any project.



Product codification guide.

A APPLICATION	B LEVEL OF PERFORMANCE	C BOND TYPE	RELATED APPLICATION	
G for Grinding applications	G 1100 The 1100 series represent the highest level of performance for all professionals focusing on high efficiency and profitability.	G1110	Very soft tool to grind the hardest floors	
		G1120	Soft tool for hard surface grinding	
		G1140	Medium tool for medium hard concrete	
		G 1150	Medium tool for medium soft concrete	
		G1170	Hard tool for soft and abrasive concrete	
		G1180	Very hard tool for very abrasive surface	
		G 600 The 600 series is a good and simple alternative in small jobs, where optimal performance is not a must.	G620	Soft tool for hard surface grinding
			G640	Medium tool for medium type concrete
			G670	Hard tool for soft and abrasive concrete
			P for Polishing applications	P 1200 DRY P 1100 WET P 600 DRY
P1180	Very hard tool for wet applications and stain removal			
P640	Standard pads for high performance polishing			

D GRIT SIZE REFERENCE	RELATED MESH SIZE
2	16/20
3	20/30
4	30/40
5	60/80
7	120/140

F GRIT SIZE REFERENCE	RELATED MESH SIZE
2	50
3	100
4	200
5	400
6	800
7	1500
8	3000

E REFERENCE	SEGMENT
S	Single
D	Double
T	Triple

WET VS DRY GRINDING

The Husqvarna range of metal bond tools covers tooling for both wet and dry grinding.

WET

- Production rates will be higher than dry grinding.
- Diamond segments will wear faster due to presence of abrasive slurry.
- Scratches from diamond grit will be deeper.
- Increased clean up time.

DRY

- Production rates will be slower on harder materials than when wet grinding.
- Softer bond segments are required in order to encourage segment wear.
- Scratches from diamond grit will not be as deep when compared to wet grinding.
- More heat is generated by the diamond segment.
- Cleaner work environment.

POWER AND WEIGHT

A more powerful machine enables the operator to choose harder bond tools.

GRIT SIZE

Changing the size of the diamond grit to a smaller particle/grit size will affect the performance of the diamond tool in the following ways:

- Create a finer scratch pattern.
- Increase the life of the diamond tool.
- The opposite will occur when changing to a larger particle/grit size.

GRIT SIZE (MESH)	APPLICATION
20/30	Material removal
30/40	Rough grinding
60/80	Medium grinding
120/140	Fine grinding

Metal-bond diamond tools – Redi Lock™.

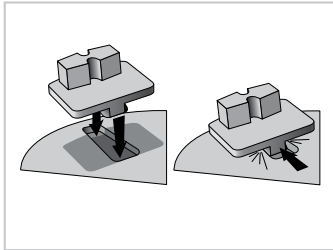
Redi Lock™ diamond tools are perfect for concrete grinding applications, such as aggregate exposure, preparation for tiling floors, removal of epoxy coatings and sealers as well as flattening.

The system eliminates the need for multiple sets of diamond disc holders, and replaces time consuming screw-on-diamond systems. The Redi Lock™ dovetail simply locks into the slot and is ready for use. The system is available for a variety of machine manufacturers.

Husqvarna offers two series of Redi Lock™ tools, the G1100 and G600.

With six different types of products, the G1100 series offers the best removal rate and the longest durability, providing maximum profitability and performance with all types of applications. It also covers surface preparation applications in only three steps before using the resin tools in polishing applications.

The G600 range is perfect for smaller jobs and for users not specialized in surface preparation. This range offers a larger application window compared to the more high-performance G1100 series.



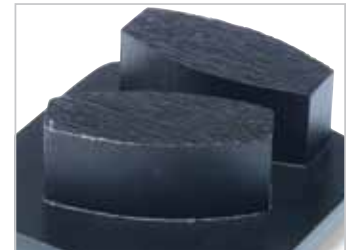
The Redi Lock™ base plate is integrated to make the locking system very sturdy and safe.



Durable, steel constructed diamond disc holder has a low-profile with recessed locking mechanism. This reduces overall height of tooling, keeping the machine closer to the ground.



Husqvarna segment shape has more active diamonds than a basic rectangular shape. This means more aggressive grinding. They are pre-sharpened, enabling them to work with 100% efficiency at the start, without the need to dress the tool.



Convex segments have an off-set position to offer a smoother finish when removing scratches.



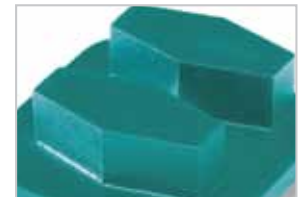
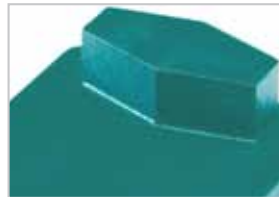
HALF SET VS FULL SET

Half Set – Diamonds are placed at three alternating positions (or four on the PG 400) on the diamond holder disc.

When using a half set, the diamonds tend to follow the surface of the floor. This puts more weight per square inch on the diamond tooling, making it grind more aggressively on hard floors. It does not completely flatten the floor.

Full Set – Diamonds are placed at each of the six positions (or eight on the PG 400) on the diamond holder disc.

The full set is used when a flat floor is desired. If the floor has undulations, the machine will grind the high areas and miss the low spots. The result is a smooth surface.



SINGLE SEGMENT VS DOUBLE SEGMENT

Single Segment – Working with a single segment will increase the pressure on each segment. This will lead to more aggressive and increased productivity; however, the life of the tool will be shorter.

Double Segment – Working with a double segment will decrease the pressure on each segment, reducing the wear rate on the diamond segments. This will lead to a smoother scratch pattern, and will also reduce the load on the machine.

APPLICATION	FULL SET	HALF SET
Flatten Floor	●	
Ceramic Tile Adhesive Removal	●	
Vinyl or Carpet Glue Removal		●
Epoxy Paint Removal	●	
Rain Damaged Concrete	●	
Smoothen Exposed Aggregate	●	
Surface Polishing of Concrete Floors		●
Grinding to Expose Aggregate	●	
Flatten Undulations in Concrete Floors	●	

Husqvarna Piranha™ PCD.

AGGRESSIVE REMOVAL OF HARD-TO-REMOVE COATINGS, ADHESIVES AND SCREEDS

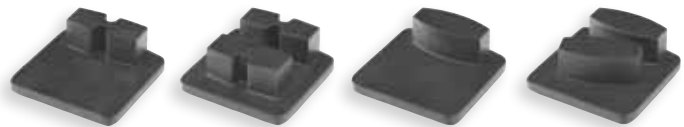
- Maximum wear and productivity is ensured with Husqvarna's Piranha™ diamond scraper inserts.
- For use on the PG machinery range in conjunction with the Redi Lock™ system.
- Single or double quarter-round PCD with protective diamond strip.
- Tools can be re-tipped once worn out.



NAME	SINGLE/DOUBLE	RECOMMENDED WITH	ITEM NO.
G11Y1D	Double (Redi-Lock®)	Clockwise rotating PG machine	577866601
G11X1D	Double (Redi-Lock®)	Counter-clockwise PG 820 or PG 680	543086611
G14XX	Single (Bolt-on)	Counter-clockwise PG 820 or PG 680	543086609

Husqvarna Redi Lock™ G1110.

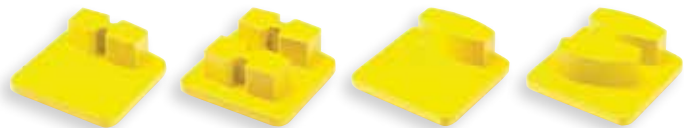
- Single or double Husqvarna or Convex segment with a very soft bond for very hard concrete.
- Can also be used for dry grinding of many natural stone (calcerous) and terrazzo floors.
- Available in grit sizes 16, 20, 30, 60 and 120.



NAME	COLOR	SINGLE/DOUBLE	GRIT SIZE (MESH)	SHAPE	BOND HARDNESS	ITEM NUMBER
G1112S	Black	Single	16	Husqvarna	Soft 1	574430201
G1112D	Black	Double	16	Husqvarna	Soft 1	574430301
G1113S	Black	Single	20	Husqvarna	Soft 1	543086405
G1113D	Black	Double	20	Husqvarna	Soft 1	543086406
G1114S	Black	Single	30	Husqvarna	Soft 1	543086407
G1114D	Black	Double	30	Husqvarna	Soft 1	543086408
G1115S	Black	Single	60	Convex	Soft 1	543086411
G1115D	Black	Double	60	Convex	Soft 1	543086412
G1116S	Black	Single	120	Convex	Soft 1	543086415
G1116D	Black	Double	120	Convex	Soft 1	543086416

Husqvarna Redi Lock™ G1120.

- Single or double Husqvarna or Convex segment with a soft bond for very hard concrete.
- Available in grit sizes 20, 30, 60 and 120.



NAME	COLOR	SINGLE/DOUBLE	GRIT SIZE (MESH)	SHAPE	BOND HARDNESS	ITEM NUMBER
G1123S	Yellow	Single	20	Husqvarna	Soft 2	543086423
G1123D	Yellow	Double	20	Husqvarna	Soft 2	543086424
G1124S	Yellow	Single	30	Husqvarna	Soft 2	543086425
G1124D	Yellow	Double	30	Husqvarna	Soft 2	543086426
G1125S	Yellow	Single	60	Convex	Soft 2	543086429
G1125D	Yellow	Double	60	Convex	Soft 2	543086430
G1127S	Yellow	Single	120	Convex	Soft 2	543086433
G1127D	Yellow	Double	120	Convex	Soft 2	543086434

Husqvarna Redi Lock™ G1140.

- Single or double Husqvarna or Convex segment with a medium bond for medium to hard concrete.
- Available in grit sizes 20, 30, 60 and 120.



NAME	COLOR	SINGLE/DOUBLE	GRIT SIZE (MESH)	SHAPE	BOND HARDNESS	ITEM NUMBER
G1143S	Pink	Single	20	Husqvarna	Medium 1	543086441
G1143D	Pink	Double	20	Husqvarna	Medium 1	543086442
G1144S	Pink	Single	30	Husqvarna	Medium 1	543086443
G1144D	Pink	Double	30	Husqvarna	Medium 1	543086444
G1145S	Pink	Single	60	Convex	Medium 1	543086447
G1145D	Pink	Double	60	Convex	Medium 1	543086448
G1147S	Pink	Single	120	Convex	Medium 1	543086451
G1147D	Pink	Double	120	Convex	Medium 1	543086452

Husqvarna Redi Lock™ G1150.

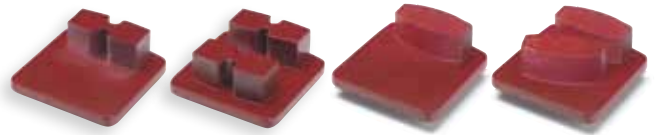
- Single or double Husqvarna or Convex segment with a medium-hard bond for soft to medium concrete.
- Available in grit sizes 20, 30, 60 and 120.



NAME	COLOR	SINGLE/DOUBLE	GRIT SIZE (MESH)	SHAPE	BOND HARDNESS	ITEM NUMBER
G1153S	Gray	Single	20	H	Medium 2	543086459
G1153D	Gray	Double	20	H	Medium 2	543086460
G1154S	Gray	Single	30	H	Medium 2	543086461
G1154D	Gray	Double	30	H	Medium 2	543086462
G1155S	Gray	Single	60	Convex	Medium 2	543086465
G1155D	Gray	Double	60	Convex	Medium 2	543086466
G1157S	Gray	Single	120	Convex	Medium 2	543086469
G1157D	Gray	Double	120	Convex	Medium 2	543086470

Husqvarna Redi Lock™ G1170.

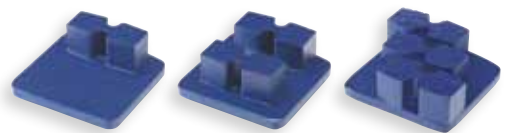
- Single or double Husqvarna or Convex segment with a hard bond for soft concrete and abrasive surfaces (broom finished concrete, ceramic tile adhesive etc.).
- Available in grit sizes 20, 30 and 60.



NAME	COLOR	SINGLE/DOUBLE	GRIT SIZE (MESH)	SHAPE	BOND HARDNESS	ITEM NUMBER
G1173S	Red	Single	20	Husqvarna	Hard 1	543086477
G1173D	Red	Double	20	Husqvarna	Hard 1	543086478
G1174S	Red	Single	30	Husqvarna	Hard 1	543086479
G1174D	Red	Double	30	Husqvarna	Hard 1	543086480
G1175D	Red	Double	60	Convex	Hard 1	543086484

Husqvarna Redi Lock™ G1180.

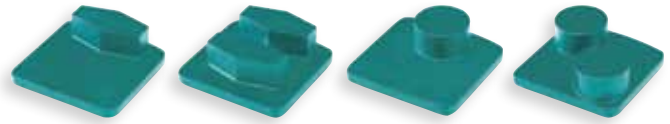
- Single, double or triple Husqvarna segment with a very hard bond for very soft concrete and abrasive surfaces.
- Available in grit sizes 20 and 30.
- Triple segments offer improved life and speed in very abrasive conditions.



NAME	COLOR	SINGLE/DOUBLE	GRIT SIZE (MESH)	SHAPE	BOND HARDNESS	ITEM NUMBER
G1183S	Blue	Single	20	Husqvarna	Hard 2	543086495
G1183D	Blue	Double	20	Husqvarna	Hard 2	543086496
G1183T	Blue	Triple	20	Husqvarna	Hard 2	574430001
G1184S	Blue	Single	30	Husqvarna	Hard 2	543086497
G1184D	Blue	Double	30	Husqvarna	Hard 2	543086498
G1184T	Blue	Triple	30	Husqvarna	Hard 2	574430101

Husqvarna Redi Lock™ G620.

- Single or double, Hexagonal or Round segment with a soft bond for very hard concrete.
- Available in grit sizes 20, 30, 50 and 100.



NAME	COLOR	SINGLE / DOUBLE	GRIT SIZE (MESH)	SHAPE	BOND HARDNESS	ITEM NUMBER
G623 S	Green	Single	20	Hexagonal	Soft	543089376
G623 D	Green	Double	20	Hexagonal	Soft	543089380
G624 S	Green	Single	30	Hexagonal	Soft	543089377
G624 D	Green	Double	30	Hexagonal	Soft	543089381
G625 S	Green	Single	50	Round	Soft	543089378
G625 D	Green	Double	50	Round	Soft	543089382
G627 S	Green	Single	100	Round	Soft	543089379
G627 D	Green	Double	100	Round	Soft	543089383

Husqvarna Redi Lock™ G640.

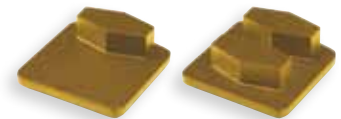
- Single or double, Hexagonal or Round segment with a medium bond for medium to hard concrete.
- Available in grit sizes 20, 30, and 50.



NAME	COLOR	SINGLE / DOUBLE	GRIT SIZE (MESH)	SHAPE	BOND HARDNESS	ITEM NUMBER
G643 S	Gray	Single	20	Hexagonal	Medium	543089384
G643 D	Gray	Double	20	Hexagonal	Medium	543089387
G644 S	Gray	Single	30	Hexagonal	Medium	543089385
G644 D	Gray	Double	30	Hexagonal	Medium	543089388
G645 S	Gray	Single	50	Round	Medium	543089386
G645 D	Gray	Double	50	Round	Medium	543089389

Husqvarna Redi Lock™ G670.

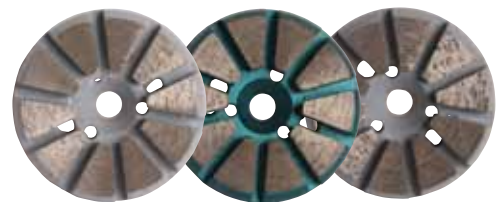
- Single or double, Hexagonal segment with a hard bond for soft concrete and abrasive surfaces (broom finished concrete, ceramic tile adhesive) etc.
- Available in grit sizes 20 and 30.



NAME	COLOR	SINGLE / DOUBLE	GRIT SIZE (MESH)	SHAPE	BOND HARDNESS	ITEM NUMBER
G673 S	Copper	Single	20	Hexagonal	Hard	543089390
G673 D	Copper	Double	20	Hexagonal	Hard	543089392
G674 S	Copper	Single	30	Hexagonal	Hard	543089391
G674 D	Copper	Double	30	Hexagonal	Hard	543089393

10 Seg Diamond Segments.

- They have excellent life when used during the initial grinding steps on soft to medium concrete.
- 10 Seg Diamond Segments can be used for wet or dry application.
- These segments leave an excellent scratch pattern.



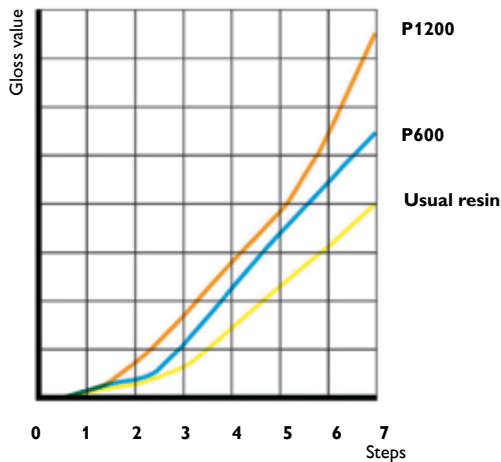
NAME	BOND	GRIT SIZE (MESH)	ITEM NUMBER
10 Seg Diamond Segments	Soft	20	580251501
10 Seg Diamond Segments	Soft	30	580251502
10 Seg Diamond Segments	Soft	60	580251503
10 Seg Diamond Segments	Soft	120	580251504
10 Seg Diamond Segments	Medium	20	580251505
10 Seg Diamond Segments	Medium	30	580251506
10 Seg Diamond Segments	Medium	60	580251507
10 Seg Holder with RediLock™ Dovetail			574653702

Polishing tools.

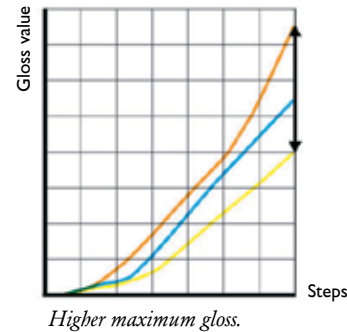
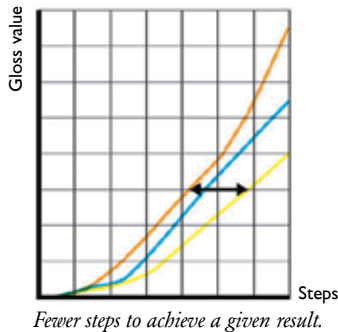
Premium quality polishing pads deliver exceptional gloss and clarity when used for dry polishing of concrete, terrazzo and some natural stones. The pads easily attach to the PG machines with a simple Velcro system and are also available for handheld machinery.

The P1200 series is available in two sizes: 3 inch for all planetary machines and 5 inch for handeld machines. With a grit range from 50 to 3000, there is a consistent progression in gloss levels throughout all successive steps.

Gloss levels.



P1200 resins allow the user to achieve a given result in fewer steps compared to other resins. They also present a better end result.



Husqvarna P1200 Series Resin Bond Polishing Pads.

DRY POLISHING OF CONCRETE

- Allows the user to reach a certain gloss level in a few steps, which saves time, tooling, lowers cost, and a better end result.
- It is strictly for dry polishing of concrete and cement based terrazzo floors.
- Should be used in conjunction with Hiperhard™ floor densifier/hardener (highly recommended).
- Available in 3" (Velcro-backed) grits and is 3" (76mm) in diameter to be used on PG machines.
- 6.5mm diamond height and lower wear-out rate offer long durability.
- For use with handheld machines, the pads are available in 5" (velcro-backed) grits and are 5" (127mm) in diameter.



PRODUCT NUMBER	NAME	COLOR	DIAMETER, IN	GRIT SIZE (MESH)	DIAMOND HEIGHT, MM
FOR PG MACHINES					
574428201	P1242	Dark green	3	50	6.5
574428301	P1243	Black	3	100	6.5
574428401	P1244	Red	3	200	6.5
574428501	P1245	Yellow	3	400	6.5
574428601	P1246	White	3	800	6.5
574428701	P1247	Blue	3	1500	6.5
574428801	P1248	Gray	3	3000	6.5
FOR HANDHELD MACHINES					
574428901	P1242	Dark green	5	50	2.8
574429001	P1243	Black	5	100	2.8
574429101	P1244	Red	5	200	2.8
574429201	P1245	Yellow	5	400	2.8
574429301	P1246	White	5	800	2.8
574429601	P1247	Blue	5	1500	2.8
574429701	P1248	Gray	5	3000	2.8

Accessories for handheld machines.

5" Adapter (125mm) Velcro backing pad adapter, 5/8"-11 **542761323**



Velcro backing pad adapter.

Husqvarna P1100 Series Resin Bond Polishing Pads.

POLISHING OF CONCRETE

- Wet or dry polishing of concrete (lower grits).
- Best suited for wet grinding of concrete, terrazzo (cementitious and resin based) and calcereous stone when durability and wear rates are a concern.
- Total diameter is 3" (76mm).



NAME	COLOR	DIMENSION, IN	GRIT SIZE (MESH)	DIAMOND HEIGHT, MM	ITEM NUMBER
P1182	Dark blue	3	60	10	543087439
P1183	Yellow	3	100	10	543086573
P1184	Orange	3	200	10	543086574
P1185	Red	3	400	10	543086575
P1186	Dark green	3	800	10	543086576
P1187	Cyan blue	3	1500	10	543086577
P1188	Brown	3	3000	10	543086578

Cup Wheels for Surface Preparation.

Grinding tools for handheld applications are available in all grit sizes.

Husqvarna Vari-Cut™ Cup Wheels.

CONCRETE, MASONRY, STONE

- Vari-Cut™ Cup Wheels are a combination tool that provides one of the fastest removal rates on concrete, masonry and stone materials, with good life.
- Total segment height is .200" diamond segment.



DRY OR WET BRAZED	QUALITY			D
Size - Inches (mm)		Rim		Item No.
4 (105) x 5/8 - 11 THD		Turbo		542751660
4-1/2 (115) x 5/8 - 11 THD		Turbo		542751661
5 (125) x 5/8 - 11 THD		Turbo		542751662
7 (180) x 5/8 - 11 THD		Turbo		542751663

Husqvarna MW Dri Disc®.

CONCRETE, MASONRY, STONE

- Designed for smoother finish on concrete.
- Ideal for the first step in grinding of concrete countertops.
- Total segment height is .200" diamond segment.



DRY OR WET BRAZED	PREMIUM			D
Size - Inches (mm)		Grit		Item No.
5 (127) x 5/8-11 THD 60 Grit 18 Seg Turbo		60		542793564
5 (127) x 5/8-11 THD 60 Grit 10 Seg Turbo		60		542793565
5 (127) x 5/8-11 THD 120 Grit 18 Seg Turbo		120		542793251
5 (127) x 5/8-11 THD 120 Grit 10 Seg Turbo		120		542793252
7 (178) x 5/8-11 THD 60 Grit 18 Seg Turbo		60		542793255
7 (178) x 5/8-11 THD 120 Grit 18 Seg Turbo		120		542793256

Husqvarna GW Dri Disc®.

CONCRETE, MASONRY, STONE

- GW1 is for fast removal (single rim) on concrete, masonry, stone and similar materials.
- The GW2 is for long life and smooth finish (double rim) on concrete, masonry, stone and similar materials.
- The GW Turbo is for a faster and smoother finish (segment turbo) on concrete, masonry, stone and similar materials.
- Total segment height is .200" diamond segment.

Size - Inches (mm)	Rim	Item No.
4 (100) x 5/8 - 11 THD	GW1	542751303
4 (100) x 5/8 - 11 THD	GW2	542751304
4 (100) x 5/8 - 11 THD	Turbo	542751305
4 (100) x 7/8 - 5/8 B	GW1	542751306
4 (100) x 7/8 - 5/8 B	GW2	542751307
4 (100) x 7/8 - 5/8 B	Turbo	542751308
5 (127) x 5/8 - 11 THD	GW1	542751309
5 (127) x 5/8 - 11 THD	GW2	542751310
5 (127) x 5/8 - 11 THD	Turbo	542751311
5 (127) x 7/8 - 5/8 B	GW1	542751312
5 (127) x 7/8 - 5/8 B	GW2	542751313
7 (178) x 5/8 - 11 THD	GW1	542751314
7 (178) x 5/8 - 11 THD	GW2	542751315
7 (178) x 5/8 - 11 THD	Turbo	542751316
7 (178) x 7/8 - 5/8 B	GW1	542751317
7 (178) x 7/8 - 5/8 B	GW2	542751318
7 (178) x 7/8 - 5/8 B	Turbo	542751319



Husqvarna LW Dri Disc®.

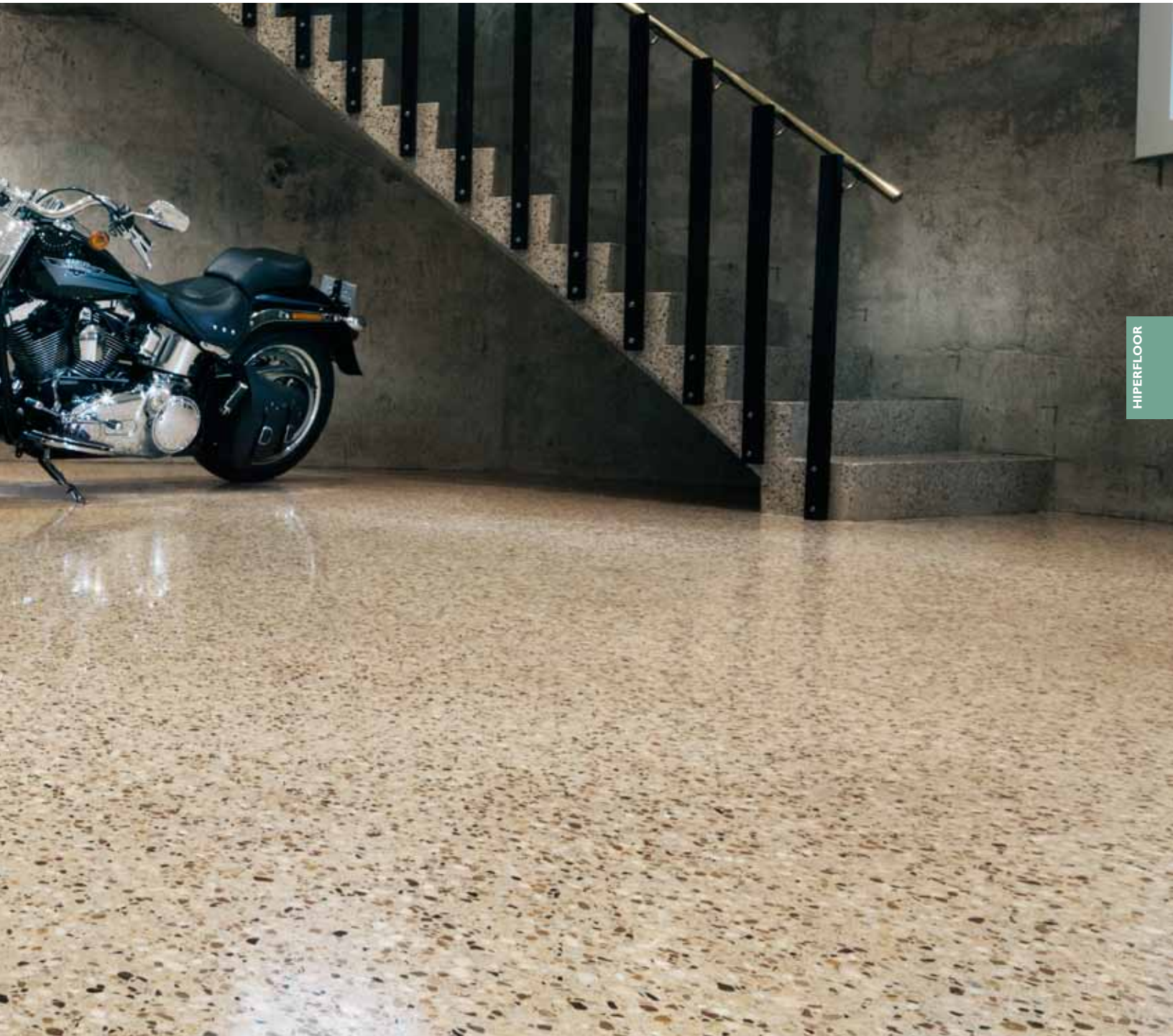
CONCRETE, MASONRY, STONE

- The LW1 is for fast removal (single rim) on concrete, masonry, stone and similar materials.
- The LW2 is for long life and smooth finish (double rim) on concrete, masonry, stone and similar materials.
- The Turbo disc is for longer life and smoother finish (segment turbo) on concrete, masonry, stone and similar materials.
- Total segment height is .200" diamond segment.

Size - Inches (mm)	Rim	Item No.
4 (100) x 5/8 - 11 THD	LW1	542774840
4 (100) x 5/8 - 11 THD	LW2	542774841
4 (100) x 5/8 - 11 THD	Turbo	542774844
4 (100) x 7/8 - 5/8 B	LW1	542773076
4 (100) x 7/8 - 5/8 B	LW2	542773077
4 (100) x 7/8 - 5/8 B	Turbo	542773078
7 (178) x 5/8 - 11 THD	LW1	542774842
7 (178) x 5/8 - 11 THD	LW2	542774843
7 (178) x 5/8 - 11 THD	Turbo	542774845
7 (178) x 7/8 - 5/8 B	LW1	542773079
7 (178) x 7/8 - 5/8 B	LW2	542773080
7 (178) x 7/8 - 5/8 B	Turbo	542773081







HiPERFLOOR™ is a complete concrete surface finishing system. It enhances the beauty, strength and abrasion resistance of the floor while reducing maintenance and costs. HiPERFLOOR™ can radically transform a broad range of new and old surfaces.

Husqvarna HiPERFLOOR™



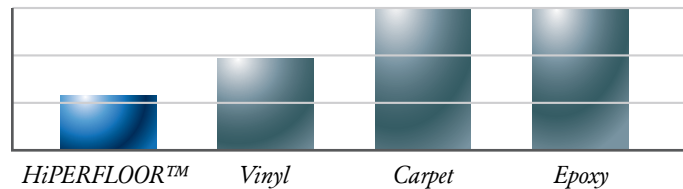
Concrete is one of the most durable surfaces known to man. By mechanically refining the surface through grinding, polishing and chemical treatments, we can bring the surface to a whole new level of beauty, functionality and strength. With different specified processes, a flooring solution can be tailored to fit any requirement – aesthetic, flatness, gloss and price.

Only by using Husqvarna equipment, diamond tools and concrete chemicals can a polished concrete floor truly be called HiPERFLOOR™.

HiPERFLOOR™ is one of the most cost-efficient and durable flooring solutions on the market.



15 year life cycle cost – indexed



A HiPERFLOOR™ is:

Environmentally sensible

HiPERFLOOR™ is the smart choice to reduce environmental impact. The process transforms existing concrete substrate into a wear-resistant floor. The process incorporates the use of products that cause very little environmental stress or waste.

Hard and resistant

With the HiPERFLOOR™ method, we take an already hard material and increase the surface density and abrasion resistance to a level where the concrete surface is extremely resistant to wear and marking.



Durable and cost efficient

The HiPERFLOOR™ concrete polishing system significantly increases durability and reduces life cycle maintenance costs. The absence of a surface coating reduces costs traditionally associated with flooring installations. The result is a smoother surface with reduced cleaning costs.

Light reflective

In addition to reduced maintenance costs there is also the added benefit of reduced lighting requirements, a result of the higher light reflectivity of the surface.

Call 800-288-5040 to find your nearest Husqvarna agent that will be happy to help and support your needs.

HiPERFLOOR™ three processes:

Industrial Finish

A low-gloss finish customized for industrial floors. This process is primarily an indoor application targeting large areas such as warehouses and department stores where flooring functionality is of primary concern. The result is a hardwearing floor that offers a safer and cleaner environment.

- Minimal lifetime cost
- Withstands the toughest use
- Slip-resistant
- Resistant to spills, abrasion, oils and dusting
- Easy to clean



Commercial Finish

A medium-gloss finish for semi-exposed and low-exposed aggregate floors. Commercial Finish is an indoor application for retail areas, shop fronts and indoor public spaces. The result is a floor that offers functionality and low maintenance but is still aesthetically pleasing.

- Easy to clean and maintain
- Resistant to wear and spills
- Abrasion-resistant
- Slip-resistant
- Minimal lifetime cost



Premium Finish

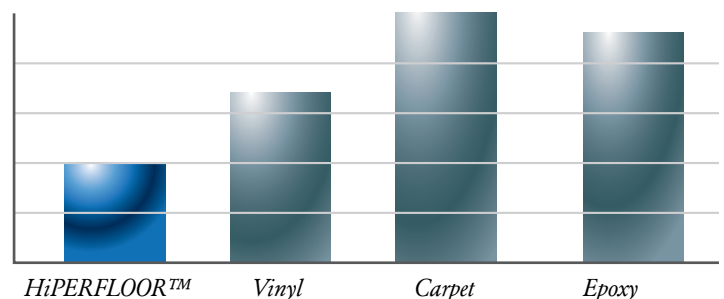
A decorative, high-gloss finish for exposed aggregate floors. Premium Finish is an indoor application for showrooms, high-end real estate and areas where aesthetic properties that include flatness and reflectivity of the floor are a top priority. The result is a surface that shines and offers exceptional durability.

- Reflective and decorative finish
- Floor flatness
- Extremely high quality and durability
- Hygienic and easy to clean
- Exceptionally resistant to abrasion



HiPERFLOOR™ is a good investment for your work, your economy and our environment.

5 YEAR MAINTENANCE COST



How does it work?

1. GM3000™, a latex based grouting mixture, is mechanically worked in to the concrete surface to fill all pre-existing defects. These defects are found in the form of pin-hole sized air pockets and absent stone fragments. The use of GM3000™ greatly increases the aesthetics of the finished product.
2. Hiperhard™, a silicate, is applied to the concrete surface to react with the calcium hydroxide (also known as free lime), which is formed during the production of concrete (when the cement reacts with water).
3. The product formed during this reaction is calcium silicate, which has a crystalline/glassy structure. It forms in the pores of the concrete near the surface and is one of the main factors behind the increase in the surface tension of the concrete. This increased surface tension improves the concrete's abrasion resistance to scratching and marking, making it possible to polish economically.
4. The combination of calcium silicate forming in the concrete and the polishing of the concrete surface produces the following added benefits:
 - *A dust free surface is produced.*
 - *A surface that is highly resistant to tire marking.*
 - *The surface tension of the concrete is increased, making the surface less prone to absorption via capillary action.*
 - *The aesthetic properties of the surface are improved significantly.*
5. Hiperguard™, a penetrating sealer, must be applied to the surface. This will make the concrete surface significantly more resistant to fats, oils, water and acids. Hiperguard™ lines the surfaces of the microcapillaries in the concrete, creating significantly more surface tension and preventing contaminant absorption into the concrete.

Hiperguard™ provides the following benefits:

- *It is not a surface/topical sealer and therefore cannot blister, wear off or discolor.*
- *It enables the concrete to breathe.*
- *It can enrich the color of the concrete.*

Note: Hiperguard™ PE (Premium Enhance) is a solvent-based penetrating sealer that is suited to small and medium-sized areas where a high degree of surface protection is required, such as private homes, restaurants and showrooms. This is applied at the end of the polishing process.







 **Husqvarna**[®]

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