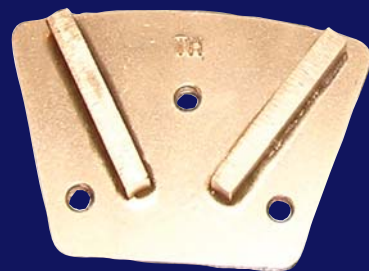


**Coming Soon:
A New &
Improved Surface
Prep Seminar.**

www.concretemedic.com
800-423-1634



**VCH Cap
Buster
#32125**

For use on most planetary machines. Frustrated with those hardened concrete surfaces that have been heavily densified? Worry no more! This tool will bust through the toughest surface.

Technical data

Power: 5 hp Electric Motor*
Required circuit: 230, 3 phase
Weight: 195 lbs. (approx.)
LF/Hr: 2700 (approx.)
Work Depth (per pass): 1/4"
Cutting Width: 8"
Removal Style: Diamond Discs
Removal Finish: Fluted
Vacuum Port: Yes
Depth Control: Yes
Safety Stop: Yes

*10 hp motor optional

Benefits

High production
Less labor intense
More accurate
Ease of operation
High profits
Low maintenance

CONCRETEMEDIC® SHAVEMASTER



Suggested Uses

Correcting Concrete
Cap Removal
Lippage Removal
Concrete Grooving
Multiple Other Applications

In This Issue

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**Diamonds for Coatings
Removal**

Concrete Countertops

The Crete Master™

VIC DustHawg™

**ConcreteMedic®
ShaveMaster™**

VCH Cap Buster

**Surface Prep
& More...**

**...Much More
Than Ever
Before**

TOTAL SURFACE PREPARATION

More money to you:

When preparing to prep a surface, whether it is basic grinding, texturing, scarifying, removing, cleaning, grooving, smoothing or finishing, make sure you have checked the hardness or bond of the surface you are going to work on *before* you choose the tool and the equipment to prepare the surface.

The correct equipment and tooling to prepare a specific surface *increases production and reduces labor hours.*

Knowing your surface:

Epoxies (elastic type or hard), urethanes, mastics, cutback, glue, carpet glue, brittle coating not bonded well, extremely hard troweled concrete, concrete with densifiers, concrete with shake-on metal hardners, sealers, cure-n-seal, acrylic sealer, paint, scaling concrete, thin set, cement overlay, epoxy mortar.

There are so many surfaces that it can feel overwhelming, but VIC International has found a few ways to decrease the need to know all coating types and all surface types.

Most coatings fall into a few categories: hard and well bonded, very brittle and flaking or elastic type. Under these coatings can lay cement type or epoxy mortar type overlay, other coatings layers, or hard or soft concrete.

Most concrete surfaces that may need prepping fall in one of 3 categories: very hard, normal or very soft.

Once you know your surface, you can choose the right tool for the right surface everytime.

Below is a small example of the various charts we have available.

| | | | |
|------------|----------------------------|-------------------|------------|
| | 10 mil IEC-squeegee/roller | 10 mil IEC-roller | |
| | 1/4" Mortar IES | 1/4" Mortar IES | 10 mil IEC |
| 10 mil IEC | | | 50 mil SLE |
| 10 mil EPS | 2 mil IEP | 2 mil IEP | 10 mil EPS |

| | | | |
|---|---|---|--|
| Suggested Tools VCH 6 grit VCH 16 grit VCH 40 grit H-Destroyer II Avenger II Super Diamond Scraper | Suggested Tools Ripper Max VCH 6 grit VCH 16 grit Avenger I & II H-Destroyer I & II | Suggested Tools Ripper Max VCH 6 grit VCH 16 grit Avenger I & II H-Destroyer I & II | Suggested Tools Ripper VCH 6 grit Avenger I & II H-Destroyer I & II |
|---|---|---|--|

IEP=Industrial Epoxy Primer EPS=Epoxy Penetrating Sealer IEC=Industrial Epoxy Coating
IES=Industrial Epoxy Surfacers-1/4"-8 agg. plus epoxy-7000 psi SLE=Self Leveling Epoxy-Sand & Powder Epoxy



All American Company Here To Stay....Proven With Time



FLOORMATE®: DIAMOND CONCRETE GRINDERS

Introducing the powerful new Floormate® diamond concrete grinders for surface preparation, coatings removal, and glue or mastic stripping. These easy to handle, well-balanced machines fulfill a long time need in floor preparation. Simple operation and impressive productivity give contractors the production edge and increased profitability they seek. Dust collection is extremely efficient utilizing your current vac or the new VIC DustHawg™ Vac Systems. Weight to diamond ratio is adjustable by adding or removing segments. An adjusting handle provides proper grinding weight control. Recent head to head testing against the leading floor grinder proved the Floormate® 400, in combination with our ConcreteMedic® Avenger diamonds, was the winning combination in performance, price and profitability on extremely tough coatings.

Technical data Floormate® 400 Diamond Concrete Grinder:

Motor output: 3-phase 4.0 kW
Voltage: 230, 3 phase
Weight: 255 lbs.
Grinding diameter: 15.7 inches
Grinding pressure: 144 lbs
Speed: 1400 rpm
Potential Production using Avenger II
Concrete Grinding: 8600 sq. ft/day*
Glue/Mastic removal: 1075 - 2150 sq. ft/day*
Paint removal: 1075 - 2688 sq. ft/day*

Technical data Floormate® 280 Diamond Concrete Grinder:

Motor output: 3-phase 3.0 kW
Voltage: 230, 3 phase
Weight: 154 lbs
Grinding diameter: 11 inches
Grinding pressure: 77 lbs
Speed: 2800 rpm
Potential Production using Avenger II
Concrete Grinding: 4300 sq. ft/day*
Glue removal: 538 - 1075 sq/ft/day*
Paint removal: 538 - 1613 sq/ft/day*

* Footages are estimates based on normal 8 hour day



Unique, extremely efficient dust removal shroud

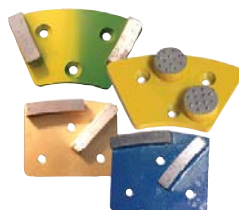
Floormate® 400 Model (400mm diameter)



Optional Planer Attachment

Floormate® 280 Model (280mm diameter)

Also available in a 150mm unit



Avenger and H-Destroyer Diamonds for Coatings Removal



VIC DUSTHAWG™

The VIC DustHawg™ V855 is a dust removal system that combines ample storage and provides 99.9% filtration. Exclusive, trouble free filter system lets you take control of fine powders down to 0.4 microns as well as removing most of the larger particles as sometimes left by other systems.

The super-efficient filter media won't blind, so there is never a drop in performance as the canister fills. Vacuums continuously until the canister fills, without stopping the system to shake the filters. Includes a HEPA filter that captures 99.93% at 0.3 microns.



2" Adapter

Optional Canister Dust Containment System



Standard Longo Pack Bagging System

- Reduces down time for cleaning over competitive systems
- Super quiet, continuous duty regenerative vacuum producer
- TEFC 3600 rpm high efficiency motor
- Primary filter efficiency of 99.99% at 0.4 microns, standard
- Effective internal filter bag shaker
- 12" front wheels (with bearings), heavy-duty 6" rear casters (not shown in picture)
- Built-in silencer for smooth, quiet operation
- Heavy duty, all steel frame
- Equipped with both a vacuum gauge and a differential pressure gauge
- Longo Pack bagging system (shown beside canister)
- Sold and serviced by VIC International

Technical Data: Model V855

| | |
|-----------------------|---------------------------|
| System horsepower | 8.5 Hp (11.5 Hp optional) |
| CFM (max) | 385 scfm |
| Vacuum (max) | 125" static pressure |
| Primary filter (sf) | 50.1 |
| Secondary filter (sf) | 34.0 |
| Storage (gal) | 30.0 |
| Noise level @ 3 ft. | 78 dBa |
| Weight | 570 lbs. |



Shake Dust Out of Filters for Longer Vac Life



All American Company Here To Stay....Proven With Time



The Crete Master™-The Ultimate Handheld Power Trowel!

The Crete Master™ is proving that it is more versatile in its uses than originally thought, not only does it excel in concrete counter tops it has proved to excel in micro toppings and overlay systems of many kinds, it even goes vertical....not only does The Crete Master™ reduce labor, it also achieves a finish that is consistent. It may be used on a variety of hand tools operating at 50-1000 rpm depending on the material being finished. Attaches using a 5/8"-11 adapter.

Once you try The Crete Master™, you'll find that achieving the finish of the pros is not as hard as it looks!

FAQ's of The Crete Master

Q: When do I begin to use the Crete Master?

A: You can begin using the Crete Master as soon as the concrete is firm to the touch.

Q: How many times do I go over the concrete?

A: Patience is important. When you see how easy and fun it is to use, you won't want to do it any other way. But to answer the question, it all depends on the mix being used. There are several mixes out there, find the one that is the richest in Portland and/or mix your own being sure to not be stingy with the Portland. (The Portland or sap as we call it when finishing is your finish) So, the more sap you can produce to the top the better.



Q: What speed (RPM) should I use?

A: At the beginning, the slower you can go, the better. Once the concrete begins to set up, you can then increase the RPMs. We have never had to run over 1200 rpms to get a really nice, smooth, slick finish.

Q: How do I know when it's not level?

A: First, don't try to "man-handle" the blade or power unit, just relax and let the Crete Master do its thing. If it begins to wobble a little, then you're not level. Find the sweet spot...if you still have a little wobble, check to make sure all four replacement blades are the same distance from the

disk. This should take away most of the wobble, keeping it level is very important and pay attention to what the Crete Master is doing, it will let you know!

Q: How messy is the Crete Master?

A: The Crete Master is not messy at all. However, you do need to keep a clean work area and, if using color in your concrete, some color will spin off from the blades. So, keep a clean rag handy for quick removal if needed.

Q: I was using the Crete Master and it was slinging concrete, what should I have done?

A: Again, patience is very important. Just wait a little longer...you were trying to work the concrete before it was ready.

Achieve a final finished product that is as smooth as glass!

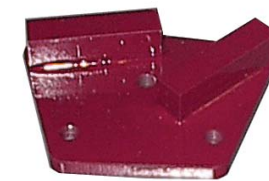


DIAMONDS FOR COATINGS REMOVAL



Ripper Max 1 & 2 #12300 & #12301

The Ripper Max 1 & 2 are designed for the removal of coverings, not conventional grinding! The tools have extremely high cutting capacity and can remove even thick coverings. The Ripper Max diamonds remove VCT with the VCT glue simultaneously.



VCH CR2 #15218

A diamond segment to remove coatings from 10-20 mils in thickness. Also ideal for use after scarifying wheels to level the marks and prepare the floor for further applications. Leaves a typical acid etch profile.



VCH 102 #15223

Used on new concrete when polishing and when a VCH-101 is too aggressive. Ideal for preparation for acid staining.



VCH Speedcut 2 #15214

Developed for removal of thin mil coatings while leaving a fairly smooth profile. Also ideal for lippage removal and flattening the floor prior to polishing. This diamond actually has multiple layers for increased life.



Super Diamond Scraper #15199.S

The Best Coatings Removal Tool in the USA! Some call this diamond the "All-American". Made in the USA and no job is too thin or too thick. This tool can remove anything from paint to 500 mil coatings of any kind. Highest production tool on the market! Take the coatings challenge with the "All-American".



VCH CR1 #15217

The very aggressive CR1 diamond segment is designed to remove coatings 20 mils or more in thickness and also for use in stock removal applications. Due to the diamond particle size, a heavy profile will remain.



VCH 101 #15216

Used for the removal of thin coatings, typically 10 mils or less. They leave behind a profile that is ideal for the application of new thin mil coatings. Can be used as a first step in polishing concrete.



VCH-Speedcut 1 #15213

Designed for a high rate of removal on paints and adhesives. Unique technology permits the encasement of two layers of 16 grit diamond in a soft bond to keep new diamonds exposed, yet maintain long life. They will leave a fairly coarse profile on concrete.



Diamond Scraper #15199

A dramatically new and very effective diamond tool for the removal of both soft and hard coatings. Excellent for use on elastomeric membranes, mastics, epoxies and urethanes. Dramatically reduces the amount of time required versus carbide scrapers.



All American Company Here To Stay....Proven With Time



CONCRETE COUNTERTOPS ONLY LIMITED BY YOUR IMAGINATION



DS 301 Planetary Polisher

DESIGNS

When thinking of concrete countertops, allow your creative side to flow and think about what would bring a home together. After all, most families gather more in the kitchen than they do in any other part of the house. By using concrete countertops, you have a chance to put some of the customers personality into their house. For an example, you

can put a bowl or a plate in the top that was passed down over the years. Let's say that a family has a back ground in music, you could make a island in the shape of a guitar and add brass strips for the strings that can double for a place to set hot pots or hot plates. If you are into the outdoors you can take leaves of your favorite trees and make impressions in the top. With all the different colored pigments that are available today, you can do just about any color design that you want. As you can see, from a design perspective you are **only limited by your imagination.**

CASTING

Inverted casting:

Typically, most concrete countertop makers started out casting these in inverted molds made of plywood and particle board. It was quickly discovered that these materials did not make the best molds. They went to mold materials like melamine, plastic and rubber and found that this provided them with a slick finish and increased the quality of the tops. If you are doing inverse molding, there are a few things you should always consider to ensure the quality of your countertop.



Metabo Angle Grinder #23244

Make sure that you have the correct dimensions of the top that needs to be cast. This can be very important due to the fact that the forms will need to be as precise as possible to give you the best fit. This reduces the amount of time spent when you are ready to set the tops. Remember, this is a good method if your customer wants to do an inlay of some type, like the bowl or plate. You use basic rigid foam or rubber for the sinks and faucet cutouts. For any inlay objects just attach them to the bottom, which is really the top, of the mold. An inverted cast concrete countertop, if mixed and vibrated properly, delivers a very shiny, slick and closed surface. The only down side to inverse molding is the fact



Kgs Speedline Polishing Pads

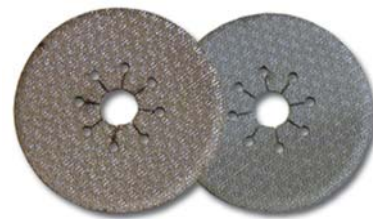


QuickEdge Diamond Polishing Pads

that it has to be transported to the location of installation and physically installed. This means the risk of breakage to the top prior to installing is much higher and depending on where it is installed it could create a lifting and carrying hazard.

Casting in place:

Again, the first few forms built to cast in place were just simple 2x4s or other dimensions of wooden material with plywood placed underneath to support the weight of the top. These materials are still used but a thick sheet of plastic is placed between the plywood or particle board underneath the concrete. The plastic prevents the wood from drawing moisture out of the concrete at a rapid rate. Thus, pushing the moisture to the surface for proper cure. Many things can be troweled into the surface to give the top character, colored pigment, special aggregates, etc. You can create cutouts for drain boards, sinks, cutting boards, etc. The list can go



60 g #31651 120 g #31652



Back-up #15190



The Crete Master™

on and on. The top can be floated or flat troweled depending on the desired finish. If you are going to grind the slurry cap off and expose aggregate, start with a soft trowel finish. This is when you let the top get tight and you trowel it with out totally slick troweling. If you plan on sealing, staining, diamond polishing or a combination of these, give the top a hard trowel finish or slick trowel finish. This is going to give you a flat and tight surface which is great especially for polished surfaces. This is easily achieved using the new Crete Master™. The top that is cast-in-place has it's advantages over the inverted molds when it comes to dimensional fits. You really can't go wrong here. The real down side to doing cast-in-place is the mess... concrete being carried in a home or restaurant or office. If you are grinding the top, you will have to be concerned about how to contain the water for wet grinding or the dust for dry grinding.

EDGES

The edges can have a lot of design or a simple flatedge. You can create your different edges by placing decorative trim inside the molds or using a material used for pool copings. This trim or coping molds can come in many forms from radius edges to highly decorative, detailed edges. Edges can be routed with diamond tooling and a router machine. Routing with a diamond tool will most likely expose aggregate. Keep an eye out here for the future...you are about to see some very innovative edges coming your way.

FINISHES

Again, this is a very personal touch and can add that physical element to a home or office. Some of the finishes are effected by choosing to cast in place or do an inverted cast. Both cast-in-place and inverse molded tops can have a variety of finishes.

Just to list a few:

- Inverse mold - slick finish - sealed
- Inverse mold - diamond grind - exposed aggregate - sealed
- Inverse mold - slick finished - diamond polished - sealed
- Inverse mold - stained -slick finish - waxes
- Inverse mold - diamond ground - acid stained - topical sealer (film builder)
- Inverse mold - diamond grind and polish - sealer.
- Inverse mold - intregal coloring - diamond grind - penetrating epoxy - diamond polishing

The same surfaces can be given to a cast-in-place top. This can really go on and on. So you see, the options are really up to you.



Epoxy Penetrating Sealer #16173

Seminars for concrete countertops will start in February of 2005. Call us today and ask about attending our seminar.