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## ***Back To The Grind***

### ***Scarifiers and How They Work***

Scarifiers are surface planers or milling machines that prep a surface for the application of epoxies or other coating applications. They are similar to grinders, but more aggressive and effective at scouring surfaces.

Cutting wheels, or flails, rotate at high speeds to chip away at surfaces and smooth them out. The cutting wheels themselves are mounted on shafts on a removable drum. The number of cutter shafts per drum varies by model, but generally machines with more shafts can hold more cutters per loading for increased scarifying action and faster production rates.

Choices in equipment range from small handhelds to larger walk-behind units, and depend on the size and makeup of the surface to be prepped. You can also choose between a gas, electric, diesel or air power options, and some have hookups for attaching a vacuum to collect dust and debris as you work.

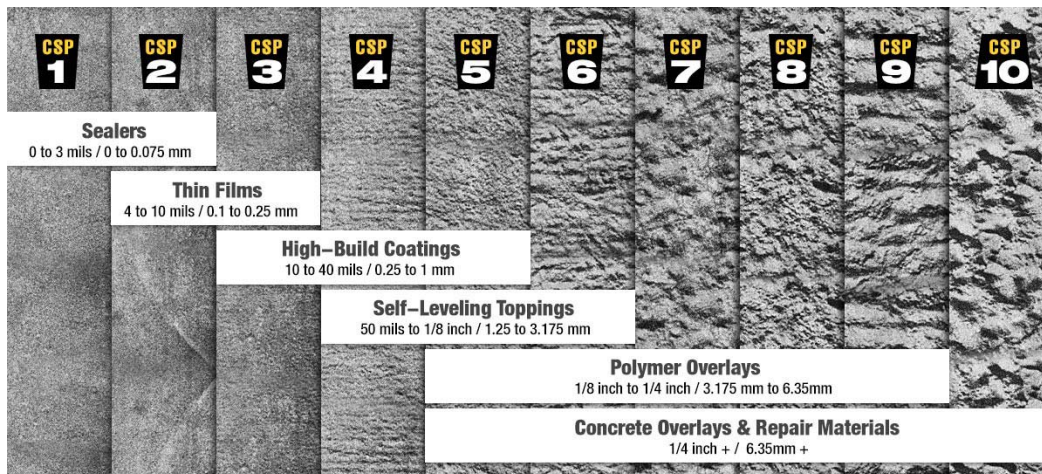
Applications include removing coatings (even heavy floor tile mastics and rubbery elastomeric or epoxy materials), light or heavy milling, grooving walkways to make them slip resistant, removing trip hazards in sidewalks, and leveling misaligned concrete joints and uneven surfaces.



A scarifier is your best choice for prepping equipment when:

- *A concrete surface profile (CSP) of 4-5 is required.*

As described above, the way a scarifier “cuts” a floor is by drum action using Tungsten Carbide cutters or flails. These flails are like little hammers that continually hit the floor and break away small chips of the concrete. The result is a very rough profile that some coatings require for a complete bond.



- *You are removing more than a 1/4” of concrete*

Because the flails are made to break away chips of concrete, by vertically impacting the floor, rough or uneven surfaces are quickly and safely impacted down. Places of slab inequality are usually at construction joints or cracks and a scarifier is suited perfectly to attack any high spot and reduce it to the adjacent low spot.

While most scarifiers are associated with removal of street lines, Graco’s new line of high production GrindLazers are equipped to handle any job, big or small. Read on for the latest news on Graco’s new DC 15 DCS series.



## ***Hot Off The Presses***

### ***Graco Launches New GrindLazer DC15 DCS Drum Scarifiers***

From: MINNEAPOLIS--([BUSINESS WIRE](#))--July 01, 2020

*Ultimate Solution For Heavy-Duty Removal And Scarification Applications*

Graco Inc. (NYSE:GGG), a leading manufacturer of fluid handling equipment, is proud to introduce three new high-production GrindLazer® drum scarifiers: the DC1520 E, DC1525 P and DC1538 G.

Designed as “do-it-all” heavy-duty solutions for leveling, grooving, inlay, scarifying and stripping coatings, the new GrindLazer DC15 DCS self-propelled drum scarifiers are capable of removing a path up to 16 inches wide and can be paired with a variety of PCD, diamond and carbide cutters for nearly any application. They also feature Graco’s new DCS depth control system that allows contractors to precisely control cut depth without stopping production.

The electronic DCS system on these new GrindLazer scarifiers raises and lowers the cutter with the push of a button. Using the digital display on the unit, contractors set the “zero point” where the cutter assembly meets the surface. They can then set and adjust the “active cut depth” in 0.01 inch-increments while operating the unit. This helps contractors achieve a consistent cut depth throughout the job – ideal for applications where precise removal is important such as inlay, leveling or grooving.



[GrindLazer DC1538 G DCS](#)



COAST INDUSTRIAL SYSTEMS, INC.

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“The new DC15 DCS GrindLazer scarifiers give contractors the performance and accuracy they need to tackle tough removal jobs with ease,” said Ben Tollefson, Global Product Marketing Manager for Pavement Equipment at Graco.

With electric, gasoline and propane-powered options and a design compatible with Graco’s LazerVac™ dust collection systems, there’s a GrindLazer DC15 DCS scarifier available for nearly every removal application.

To learn more about the GrindLazer DC15 DCS line, visit [Graco’s website](#), or give your CIS representative a call today!

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# GRINDLAZER®

## DC15 DCS Series

### HIGH PRODUCTION SERIES

#### DO-IT-ALL SOLUTION

- Adaptable for leveling, grinding, scarifying, and stripping coatings
- Up to 16 inch removal path
- Wide variety of cutters available
- Quick-change side plate for easier drum removal

#### SELF-PROPELLED

- Variable-speed hydrostatic drive allows user to dial in the speed for each application

#### DESIGNED FOR THE TOUGHEST JOBS

- All-steel chassis
- Low-vibration design
- Long-life bearings

#### MULTIPLE POWER OPTIONS

- 38 HP Kohler® EFI Gasoline
- 25 HP Kohler EFI Propane
- 20 HP, 380/480v, 3ph

#### DUST REMOVAL

- Dust port for connecting to LazerVac™ vacuum systems

### GRACO DC15 DCS HEAVY-DUTY SCARIFIERS ARE DESIGNED TO TACKLE THE MOST DEMANDING REMOVAL JOBS

- Ideal for indoor and pavement applications such as leveling concrete floors, inlay grooving for traffic markings, and stripping epoxy coatings
- Remove path up to 16 inches wide
- Precisely control cut depth with Graco's exclusive electronic Depth Control System
- Electric, Propane, and Gasoline-powered models



DC1538 G



DC1525 P



DC1520 E

## DC1538 G, DC1525 P, AND DC1520 E DCS

The DC15 DCS series of heavy-duty, self-propelled drum scarifiers are designed to tackle the most demanding removal and surface preparation jobs. They are capable of removing a path up to 16 inches wide and feature Graco's electronic DCS Depth Control System; allowing users to quickly and accurately adjust cut depth without stopping production. They are available in gasoline, electric, and propane-powered models to serve nearly any application.





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## COMPANY OVERVIEW

Coast Industrial Systems, Inc. is the #1 supplier of painting and coating application equipment to the marine and manufacturing industries, and is proud to serve both San Diego and Mexico since 1986.

Coast Industrial Systems, Inc. has always placed the customer first, and strives for business excellence in all ways. Our friendly sales and customer service staff are knowledgeable, experienced and qualified to help meet your painting and coating application requirements, and to exceed your expectations.

**Graco Top 20 High-Protective Coatings & Foam Distributor  
Award Winner 2010-2019**

