



# GrindLazer™

Scarifier Systems



PROVEN QUALITY. LEADING TECHNOLOGY.

*There is no other  
scarifier system  
like a GrindLazer.*

Welcome to a whole new world of scarifier possibilities.

Graco manufactures the most innovative and highest quality professional scarifier solutions in the market. This informational guide is designed to help you select the right equipment for your line removal, inlay, grooving and surface leveling needs.

Graco's family of Scarifiers include the GrindLazer 270, 390 and 480. All three units are built with the professional contractor in mind and will deliver unmatched results once again proving that when it's a Graco – *It's Built to Last!*





The **G4** Difference... We Build It. We Back It. *Period.*



**QUALITY | PERFORMANCE | WARRANTY | PRODUCTIVITY**

Only Graco delivers the industry's first choice for scarifier systems, backed by a solid reputation for proven quality, maximum performance, reliable warranty coverage and unmatched on-the-job productivity. Graco scarifier systems are designed to exceed the professional contractor's standards for quality and performance. Graco is the name to turn to today and as your business grows.

**PROVEN QUALITY**

Precision design, 100% factory-tested and field-proven.

Cutting-edge technology keeps Graco scarifier systems up and running and on the job for years.

**MAXIMUM PERFORMANCE**

Higher output with superior control ensures highest quality for every job.

Rely on any of these high performance units to deliver the results you expect from a Graco.

**INDUSTRY LEADING WARRANTY**

Every Graco scarifier system is backed by our warranty coverage and more than 80 years of proven commitment to the professional contractor.

**UNMATCHED PRODUCTIVITY**

Superior design, innovative technology means you'll be getting the highest productivity in a scarifier system – *only from Graco.*

We stand by our products and don't settle for less than the best. You'll see for yourself once you've experienced GrindLazer.

# Graco has the Right Solutions for all your

Graco introduces the 270, 390 and 480 GrindLazers as your total solution for all of your scarifier applications. Every Graco scarifier exceeds comparable competitive units in ease of use and quality. And with the EasyGlide™ Wheel Mount System you'll think that your using a LineLazer®! When choosing which Graco GrindLazer best fits your needs, you must consider what material you will be removing and how fast you want to complete the job. This guide will help walk you through this process and help you find the right GrindLazer. No matter what scarifier application you face, Graco has the **Total Job Solution** for you.

## GRACO SCARIFIER SOLUTIONS GUIDE

### GRINDLAZER CLASSIFICATION

### TYPICAL APPLICATIONS

### MAXIMUM WORKING WIDTH

### PRODUCTION/REMOVAL RATE 1/8 inch Depth Removal

### CUTTER SELECTIONS

### MEDIUM DUTY

- GrindLazer 270

Traffic Paint Removal  
Thermoplastic Removal  
Smoothing Uneven Surfaces

8 in (20.5 cm) cut

Walking	600 sq ft/hr
with LineDriver™	1300 sq ft/hr

12 Point Beam, Steel  
8 Point Flail Tungsten Carbide  
8 Point FullCut™ Tungsten Carbide  
6 Point Miller Tungsten Carbide



### HEAVY-DUTY

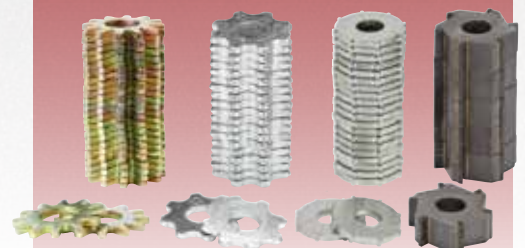
- GrindLazer 390

Traffic Paint Removal  
Thermoplastic Removal  
Epoxy Coating Removal  
Smoothing Uneven Surfaces

10 in (25.5 cm) cut

Walking	800 sq ft/hr
with LineDriver	1700 sq ft/hr

12 Point Beam, Steel  
8 Point Flail Tungsten Carbide  
8 Point FullCut Tungsten Carbide  
6 Point Miller Tungsten Carbide





# Scarifier Applications



“The GrindLazers did all the work for us, we were just along for the ‘ride’.”



—Jake Sirek  
Operations Manager  
Safety Signs Inc.  
Lakeville, MN

## EXTREME DUTY

- GrindLazer 480

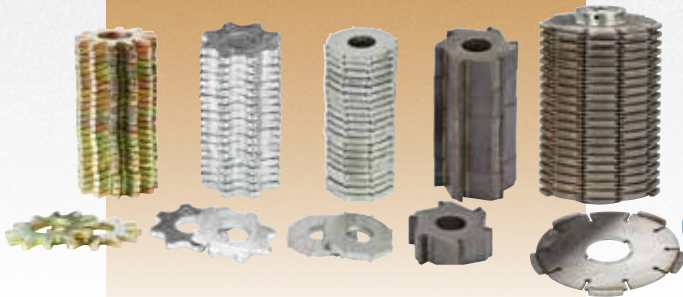
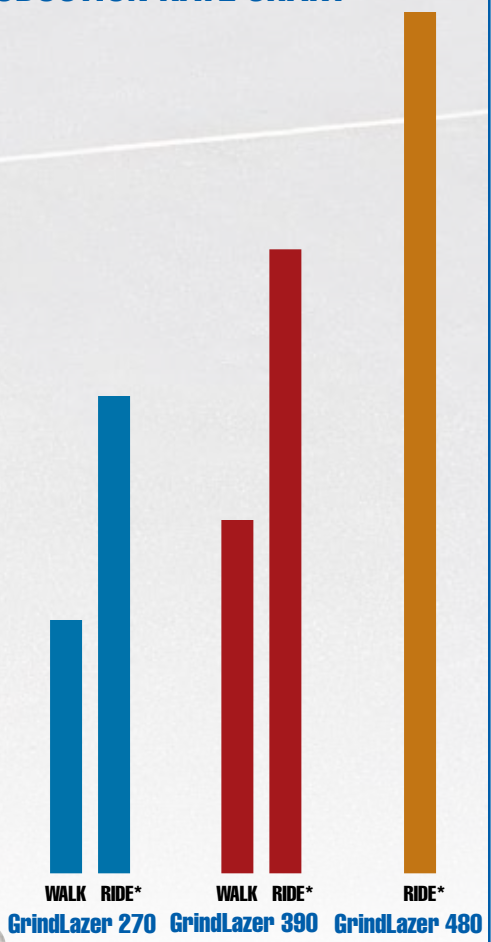
Traffic Paint Removal  
Thermoplastic Removal  
Epoxy Coating Removal  
Smoothing Uneven Surfaces  
Inlay  
Grooving

10 in (25.5 cm) cut

Walking	N/A
with LineDriver	2100 sq ft/hr

- 12 Point Beam, Steel
- 8 Point Flail Tungsten Carbide
- 8 Point FullCut Tungsten Carbide
- 6 Point Miller Tungsten Carbide
- 5 Point Diamond Blade

## WALK vs. RIDE\* PRODUCTION RATE CHART



\*Ride: LineDriver

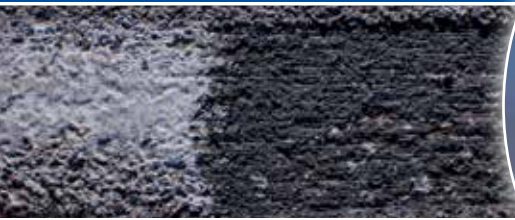
### ProStart™ System

When Graco set out to design the perfect clutch, we questioned everything: every number, every scenario, every detail. The result? **ProStart** our most rugged and reliable centrifugal clutch system on the market today.

The ProStart centrifugal clutch system allows easy starting and disengagement of cutters which provides one of the safest scarifier systems on the market today!

### DialDown™ Depth Control System

Graco's advanced **DialDown Depth Control System** allows precise cutting depths with a simple turn of the dial. Allows for fast and easy adjustment for maximum productivity. Fast and easy to use.



### Flail Tungsten Carbide Cutters

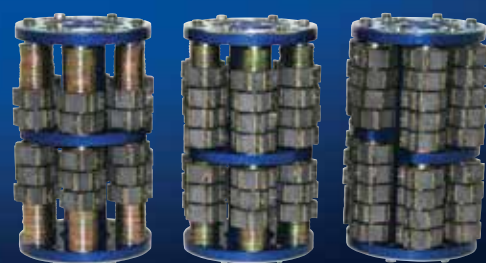
Our **Flail-style Tungsten Carbide Cutters** are precision made with the finest materials assuring the longest life, best cutting results. With case hardened drums and 3/4 inch shafts these drum cutter assemblies are built to take the most demanding conditions.

These 8 point cutters are best for your everyday line removal needs including traffic paint all the way up to thermoplastics.

### Miller Tungsten Carbide Cutters

Our **Miller-style Tungsten Carbide Cutters** are precision made with the finest materials assuring the longest life, best cutting results. With case hardened drums and 3/4 inch shafts these drum cutter assemblies are built to take the most demanding conditions.

These 6 point cutters are best for thick, hard to remove materials such as thermoplastic and tape.





# Features found only on a **Graco GrindLazer**

## Honda® and Vanguard™ Power

Two proven workhorse engines power the GrindLazer family of products.

**Honda Engine** – Reliable, technologically advanced and easy to start. Includes field proven Oil Alert and Cyclone Air Cleaner that contractors can depend on.

**Vanguard Engine** – This powerhouse features a number of advanced technologies and integrated components such as Oil Gard® and V-Twin OHV technology to elevate the reliability standard.



## InstaCut™ Technology

Graco engineering hit another home run with **InstaCut Technology**. InstaCut technology allows the user maximum control for safely engaging the cutters both on and off without having to lift their hands off the handles. It's another Graco exclusive.



## LineDriver™ Attachment

Now get higher productivity, straighter inlay and line removal with less fatigue.

Why walk when you can ride?

The patented **LineDriver** and **LineDriver HD** provide the most innovative, user-friendly ride-on systems for the professional line removal contractor in the industry.



## EasyGlide Wheel Mount System

Front mounted caster along with dual rear pneumatic air-filled tires makes handling as easy as a LineLazer.

**EasyGlide Wheel Mount System** with its Fat Track™ front wheel allows the most flexibility and ease of use in the industry. *Only on a Graco.*





















# CUTTER ASSEMBLIES for GrindLazers

12-Point Beam: Steel Cutter	Part	Description	Cut Width	Cutters	Spacers	Rods	End Plates
	24P818	Replacement 12pt Beam, Steel Cutters (25 pack)		25			
	24P714	Completely assembled drum for smooth finishes	6 in / 15.25 cm	126	222	6	2
	24P715	Completely assembled drum for smooth finishes	8 in / 20.5 cm	174	156	6	2
	24P716	Completely assembled drum for smooth finishes	10 in / 25.5 cm	204	114	6	2

See Repair manual for additional **Cutter Stacking Recommendations**.

8-Point Flail: Tungsten Carbide Cutter	Part	Description	Cut Width	Cutters	Spacers	Rods	End Plates
	24D612	Replacement 8pt Flail, Tungsten Carbide Cutters (20 pack)		20			
	24D182	Completely assembled drum for <b>general purpose</b>	6 in / 15.25 cm	84	234	6	2
	24D180	Completely assembled drum for <b>general purpose</b>	8 in / 20.5 cm	114	186	6	2
	24B957	Completely assembled drum for <b>general purpose</b>	10 in / 25.5 cm	138	150	6	2
	24E854	Completely assembled drum for <b>Fine Finish</b>	6 in / 15.25 cm	108	198	6	2
	24E855	Completely assembled drum for <b>Fine Finish</b>	8 in / 20.5 cm	144	138	6	2
	24E856	Completely assembled drum for <b>Fine Finish</b>	10 in / 25.5 cm	174	90	6	2

See Repair manual for additional **Cutter Stacking Recommendations**.

8-Point FullCut: Tungsten Carbide Cutter	Part	Description	Cut Width	Cutters	Spacers	Rods	End Plates
	24F213	Replacement 8pt FullCut, Tungsten Carbide Cutters (20 pack)		20			
	24F184	Completely assembled drum for Ultra Fine Finish	6 in / 15.25 cm	84	258	6	2
	24F185	Completely assembled drum for Ultra Fine Finish	8 in / 20.5 cm	108	210	6	2
	24F186	Completely assembled drum for Ultra Fine Finish	10 in / 25.5 cm	138	162	6	2

See Repair manual for additional **Cutter Stacking Recommendations**.

6-Point Miller: Tungsten Carbide Cutter	Part	Description	Cut Width	Cutters	Spacers	Rods	End Plates
	24D613	Replacement 6pt Miller, Tungsten Carbide Cutters (6 pack)		6			
	24E214	Completely assembled drum with cutters	6 in / 15.25 cm	30	204	6	2
	24D585	Completely assembled drum with cutters	8 in / 20.5 cm	42	132	6	2
	24D183	Completely assembled drum with cutters	10 in / 25.5 cm	54	66	6	2

See Repair manual for additional **Cutter Stacking Recommendations**.

Diamond Blades	Part	Description	Cut Width	Blades	1/8 in End Spacers	1/4 in End Spacers	Square Key
	24E289	Replacement Diamond Blade	1/4 in / 6.35 cm	1			
	24B965	Completely assembled drum for <b>pavement grooving/inlay</b>	5 in / 12.75 cm	30	204	21	2
	24D583	Completely assembled drum for <b>pavement grooving/inlay</b>	10 in / 25.5 cm	42	132	2	2

See Repair manual for additional **Cutter Stacking Recommendations**.

Drum Components	Part	Description	Application
	24D610	Completely assembled Drum <b>without cutters and spacers</b>	For use with all Tungsten Carbide Cutters
	24D979	Replacement Drum Rods	For use with all Tungsten Carbide Cutters (6 pack)
	24D980	Replacement Drum End plates	For use with all Tungsten Carbide Cutters (2 pack)
	24D981	Replacement Steel Spacers	For use with all Tungsten Carbide Cutters (20 pack)
	16A259	Threaded End Cap	For use with all Diamond Blade Cutters
	16A257	1/4 in Spacer	For use with all Diamond Blade Cutters
	16A258	1/8 in Spacer	For use with all Diamond Blade Cutters
	123252	Square Key	For use with all Diamond Blade Cutters
24D982	Assembled Diamond Blade Drum <b>without blades and spacers</b>	For use with all Diamond Blade Cutters	



Steel

**Application:**  
All purpose removal of paint, and coatings from floors. Also used for grease, dirt and ice build up.



Flail

**Application:**  
All purpose removal of paint, epoxy, and thermoplastic markings, bump-smoothing, and anti-slip grooving



FullCut

**Application:**  
All purpose removal of paint, epoxy, thermoplastic markings, bump-smoothing, anti-slip grooving, and inlay applications for a smooth finish



Miller

**Application:**  
Specifically used for thermoplastic, tape removal, and built-up paint



Diamond Blade

**Application:**  
Specifically used to inlay and groove concrete and asphalt pavement



# WARRANTY

We stand behind every piece of equipment we manufacture with the industry's strongest warranty. Grind with the confidence that you will probably never need to use Graco's warranty, but if you do... we will be there.

## NOBODY ELSE BUILDS SCARIFIERS LIKE THIS

### ENGINE WARRANTY

Three year engine warranty for Honda engines and two year warranty for Vanguard engines.

### 1 YEAR WARRANTY

Coverage against defects in materials and workmanship on the entire GrindLazer.

### CONVENIENT SERVICE

Graco offers authorized distributor locations in North America for service and warranty repair.



# GRINDLAZER SPECIFICATIONS



UNIT MODEL	GrindLazer 270	GrindLazer 390	GrindLazer 480
Maximum Working Width in (cm)	8 (20)	10 (25)	10 (25)
Engine Size cc (hp)	Honda 270 (9)	Honda 390 (13)	Vanguard 480 (16)
Front Tire	Pneumatic Air-Filled, Swivel	Pneumatic Air-Filled, Swivel	Pneumatic Air-Filled, Swivel
Rear Tires	Pneumatic Air-Filled	Pneumatic Air-Filled	Pneumatic Air-Filled
Drive Belt Style	3-Cog	3-Cog	3-Cog
Cut Direction (Drum)	Forward	Forward	Reverse/"Up-Cut"
Clutch	Heavy-Duty Centrifugal	Heavy-Duty Centrifugal	Extreme Duty Centrifugal
Weight lb (kg)	300 (136)	310 (140)	330 (150)
LineDriver	Optional	Optional	Required
Applications	<ul style="list-style-type: none"> <li>• Traffic Paint Removal</li> <li>• Thermoplastic Removal</li> <li>• Smoothing Uneven Surfaces</li> </ul>	<ul style="list-style-type: none"> <li>• Traffic Paint Removal</li> <li>• Thermoplastic Removal</li> <li>• Smoothing Uneven Surfaces</li> <li>• Epoxy Removal</li> </ul>	<ul style="list-style-type: none"> <li>• Traffic Paint Removal</li> <li>• Thermoplastic Removal</li> <li>• Smoothing Uneven Surfaces</li> <li>• Inlay Grooving</li> </ul>
Removal Rate (Walk)	600 sq ft/hr	800 sq ft/hr	N/A
Removal Rate (Ride)	1300 sq ft/hr	1700 sq ft/hr	2100 sq ft/hr



UNIT MODEL	LineDriver	LineDriver HD
Part Number	262004	262005
Operating Speed: Forward mph (km/h) Reverse mph (km/h)	to 10 (16) to 6 (10)	to 10 (16) to 6 (10)
Engine Size cc (hp)	Honda 160 (5.5)	Honda 200 (6.5)
Weight lb (kg)	265 (120)	275 (125)
Fuel Capacity gal (ltrs)	.95 (3.6)	.95 (3.6)
Engine Starting System	Manual Pull	ProStart



## ABOUT GRACO

### PROVEN QUALITY. LEADING TECHNOLOGY.

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology that set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

## GRACO LOCATIONS

### MAILING ADDRESS

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Minneapolis, MN 55440-1441  
Tel: 612-623-6000  
Fax: 612-623-6777

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### EUROPE

#### BELGIUM

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Industrieterrein-Oude Bunders  
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Belgium  
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Fax: 32 89 770 777

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Tel: 82 31 476 9400  
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## SALES/ DISTRIBUTION/ SERVICE

Call today for product information or to request a demonstration.

**800-690-2894** or visit us at [www.graco.com](http://www.graco.com).

Graco Inc. is registered to I.S. EN ISO 9001

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