

FieldLazer™

Professional Field Marking Equipment



There is nothing like a Graco[®] field marking machine.

Quality. Performance. Durability. Productivity.

Welcome to the world of Graco airless field marking. In 2004, Graco revolutionized field marking with the introduction of the original FieldLazer S100, the first walk-behind field marker utilizing proven Graco high-pressure airless paint spray technology.

FieldLazer field marking machines have been recognized worldwide by sport turf maintenance professionals for delivering brighter, longer-lasting lines with less paint.

Now, the FieldLazer product family has evolved to a full product line-up for all your field marking needs.

Stride, Ride, Glide...

You Decide!"



What is the G4 Difference? Graco delivers the industry's first choice for field marking machines, backed by a solid reputation for proven quality, maximum performance, reliable warranty coverage and excellent onthe-job productivity. Designed to exceed the field maintenance professional's standards for quality and performance, turn to Graco field marking machines as your field grows.

PROVEN QUALITY

Each FieldLazer machine boasts Graco quality and dependability that you can count on. For more than 85 years, professionals worldwide have turned to Graco for unmatched quality.

MAXIMUM **PERFORMANCE**

FieldLazer machines are engineering to deliver maximum performance for efficient field marking.

INDUSTRY-LEADING WARRANTY

Every FieldLazer machine is backed by Graco's unmatched warranty and network of over 700 authorized warranty repair locations in North America.

UNMATCHED PRODUCTIVITY

Superior design, coupled with innovative technology means you'll be getting the highest productivity in a field striping machine—only from Graco.





Field Marking Solutions Guide

Introducing Graco's FieldLazer family of High-Pressure, Airless sports field markers! Finish up to four times faster, spend up to 75 percent less on paint vs. aerosol and spend 50 percent less vs. competitive low pressure models. Starting with the FieldLazer S90, the world's first battery-powered, highpressure field marker, to the FieldLazer G400 ride-on field marker, Graco FieldLazer has a Total Job Solution for all of your field marking needs.



Graco has the Right Solutions for all your field marking applications.



| S. | TRIDE | STRII | DE |
|--------------------|---------------------|---------------------|---|
| FieldLazer S90 | FieldLazer \$100 | FieldLazer \$200 | FieldLazer R300 |
| Less than 10 | Less than 10 | Less than 10 | Less than 10 |
| Walk | Walk | Walk | Walk |
| 6-Gallon Hopper | 5-Gallon Bucket | 5-Gallon Bucket | 5-Gallon Bucket <i>or</i> 15-Gallon Hopper |
| N/A | N/A | Good | Better |
| Good | Better | Best | Best |
| N/A | N/A | N/A | N/A |
| N/A | N/A | N/A | N/A |



"The FieldLazer G400 saves us a tremendous amount of time and money, and we use half the amount of paint that we had used in the past."



— **Don Roney**Head Grounds Keeper
Totino-Grace High School
Fridley, MN

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FieldLazer Field Marking Equipment Proven Quality = Proven Results

FieldLazer High-Pressure Airless Technology operates at **over 10X the pressure** of competitive, low-pressure models. The result is lower paint consumption and professional bright lines. Low-pressure models simply dump paint onto the ground; wasting not only paint but also water, time, and money! All FieldLazer models utilize high-pressure technology and precision spray tips to provide a spray pattern that coats both sides of the grass blade, not the soil.

Precision Spray Tips

High-pressure pumps and precision spray tips apply a fine spray pattern which coats both sides of the grass blade, not the soil, resulting in. . .

- > Professional, bright lines
- Up to 75% lower paint cost vs. aerosol
- ▶ Up to 50% lower paint cost vs. competitive low pressure models
- ► Sprays thick, undiluted paint
- ▶ Spend less time measuring and mixing
- ▶ Finish up to 4X faster*

High-Pressure Pumps

Graco's Endurance Pump is the most rugged and reliable pump on the market today. This field proven design features long-life V-Max Blue packings, Chromex rod, and QuikAcces intake valve for superior reliability and life.



FieldLazer

Competition

Automatic Gun Control System

Simple to use Automatic or Manual Paint Gun control allows precise placement of stripes on the field. (Available on FieldLazer G400 unit only.)





Stride, Ride, Glide. . .

You Decide!

FieldLazer Stride

Walk-Behind field marking equipment for sporting facilities with fewer fields, or field maintenance crew members with a preference to walk. **FieldLazer S90, S100** and **S200** walk-behind models feature durable, lightweight construction for effortless straight lines over even the roughest terrain.



FieldLazer Ride

Ride-On field marking equipment for sporting facilities with a larger number of fields, smaller crew, or an emphasis on reducing operator fatigue. **FieldLazer R300** Complete Ride-On System is an intuitive, low impact, low vibration option to produce bright, straight lines over even the roughest terrain.



FieldLazer Glide

This is the industry's first All-In-One Stand-On, Self-Propelled field marking machine for sporting facilities with a larger number of fields, smaller crew, or an emphasis on reducing operator fatigue. FieldLazer G400 stand-on system is an intuitive, low impact, low vibration option to produce bright, straight lines over even the roughest terrain.



*When compared with low pressure and aerosol models

Stencil Marking

ProStencil

24R747 **PROSTENCIL**

SPECIFICATIONS MAX TIP SIZE: 0.017

MATERIAL

CUP (OZ/LITER): 32 (.95) 2000 (138) MAX PSI (BAR):

BATTERY: 20V Lithium-ion

INCLUDES

- ProStencil Cordless Airless Sprayer
- 315 TrueCoat® Pro Reversible Tip
- (2) G20 Lithium-ion PowerPack Batteries • 24 in Fixed TrueCoat Pro Spray Extension
- Lithium-ion Battery Charger
- 32 oz (0.95 I) Cup with Cover and 5 Cup Liners
- Pump Armor Storage/Start-up Tool
- Instructional DVD
- Sprayer Storage Case



Optional ProStencil Accessories

G20 LITHIUM-ION BATTERY

16D558 Battery

▶ Add another battery to spray larger than 2 gal (7.75 l) jobs. One fully charged battery is able to spray 1 gal (3.78 l) for continuous spraying charge time for 80% performance is 45 minutes.

18V AND 20V LITHIUM-ION BATTERY CHARGERS

16F628 Battery Charger

▶ Plugs directly into a 12V port and charges your battery on the way to the job site! Compatible with all 18V and 20V Graco Lithium-ion batteries.

PROPACK

24F893 ProPack

ProPack expands your ability to spray small projects without interruptions. Add for longer spraying time, less refills and less weight.

OPTIONAL TIPS AND FILTERS

XWD515 Thin Latex, Large Areas XWD517 Heavy Latex, Large Areas

▶ Add additional tips to help spray different types of materials.

OPTIONAL TIPS AND FILTERS

24E376 60 Mesh (1 Pack) 24F039 60 Mesh (3 Pack) 24F640 100 Mesh (1 Pack) 24F641 100 Mesh (3 Pack)

▶ Threads directly into tip guard to filter paint for less tip plugs.







An industry first, the FieldLazer S90 Battery-Powered, High-Pressure airless field marker. Battery powered simplicity is now combined with Graco's professional, paint saving high-pressure technology.

Tilt-N-Pour Removable **6-Gallon Hopper**

Quickly pour and save unused paint, remove for additional cleaning ease

Battery Charging Port Convenient plug-n-play

battery charging

Adjustable Spray Shields

Protection in windy conditions

Battery-Powered

- ► Easy to use and maintain
- ► Environmentally friendly
- ▶ Long-lasting

FieldLazer RAC° 5 (Reverse-A-Clean°) Tip

► Turn tip 180° to clear clogs

Easy Out™ Filter

► Large capacity and toolless removal for smooth operation

One Button Operation

Add paint and press the button to start—it's that easy!

Adjustable Handlebar

- ► Fits in a car trunk
- ► Comfort for all heights







Stride

FieldLazer

DESCRIPTION FIELDLAZER S90 PART # 24N950

SPECIFICATIONS MAX TIP SIZE:

MAX PSI (BAR): 900 (62) WEIGHT LB (KG): 60 (27)

HOPPER CAPACITY GAL(L): 6 (23) **BATTERY:**

0.015

Free **BATTERY**

CAPACITY: 10 Soccer Fields per Charge

1 Football Field per Charge

- Adjustable Spray Shields
- Battery Charger
- 12V Battery
- LL5315 Reversible Tip



Easy 3 Wheel Design to

FieldLazer

FIELDLAZER S100

PART #

248942

SPECIFICATIONS MAX TIP SIZE:

0.021 MAX PSI (BAR): 900 (62) **HONDA GX ENGINE:** 35 cc, 4-Stroke **WEIGHT LB (KG):** 80 (36)

No-Tool Gun Removal for spraying



Easily paints circles and arcs.

Introduced in 2004, the original FieldLazer \$100 was the first walk-behind field marker utilizing proven Graco high-pressure airless paint spray technology. It is now recognized by field marking professionals as one of the top walk-behind field marking machines available.



Easy Reach Handlebar Controls

- ► High-comfort design for greater control and less operator fatique
- Operator controls are located on the handle bars
- ► You can fine tune the machine without stopping

5-Gallon Bucket Ready

► Eliminates hassle of cleaning tanks or pots

Adjustable Spray Guides

- Designed to deliver long straight lines
- No-tool line width adjustment from 2 to 12 inch lines



Exclusive Tall Wheel

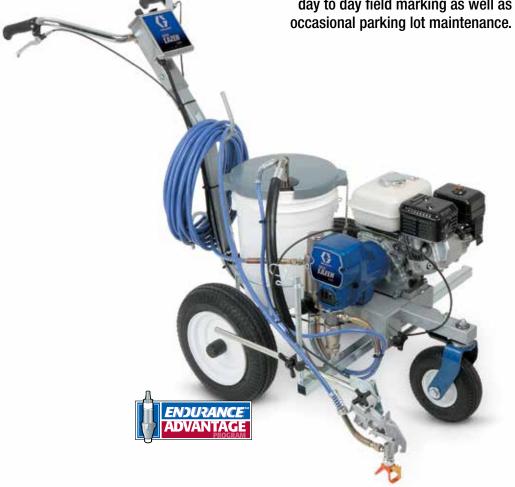
- ► Easily rolls over ruts and cleat marks
- Reduces operator fatique

Fold-Down Handle

Fits into minivans. SUVs, even pickups with toppers!



FieldLazer \$200 field marker is built off of the same platform as **Graco's industry leading LineLazer®** parking lot line marker. This proven machine is chosen by field marking professionals looking for a versatile walk-behind solution capable of day to day field marking as well as



Line Marking Capabilities

- Turf or pavement
- Stencil
- Circles and arcs
- ► Long, straight lines

Electronic Pressure Control

► Adjustable between 0 and 3000 psi for turf (1000 psi) and pavement (3300 psi) line marking

Turf/Pavement Tires

Cross-over tire optimized for turf and pavement line marking

Swivel Front Wheel

- ► Locks in-place for long, straight lines
- ► Swivels for corner-kicks, arcs, circles and maneuverability over any terrain

Endurance Advantage Program

- ▶ Purchase an additional pump for up to 80% off list price or choose a free repair kit
- ► Quick on the job replacement
- ► No special tools required



Stride

FieldLazer

PART #

24M609

0.027

3300 (227)

145 (65)

DESCRIPTION FIELDLAZER S200

SPECIFICATIONS

HONDA GX ENGINE CC (HP): 120 (4.0)

MAX TIP SIZE:

MAX PSI (BAR):

WEIGHT LB (KG):

10

FieldLazer R300 Complete

DESCRIPTIONFIELDLAZER R300 COMPLETE 24M605

SPECIFICATIONS

OPERATING SPEED: Forward: 0 to 10 mph (16 KM/H)

Reverse: 0 to 6 mph (10 KM/H)

- INCLUDES

 (1) FieldLazer R300
- (1) LineDriver HD
- (1) 15-Gallon Hopper

FieldLazer

R300

DESCRIPTION PART # FIELDLAZER R300 24M607

SPECIFICATIONS
MAX TIP SIZE:

0.036 1-Gun 0.025 2-Guns

262005

0.95 (3.6)

MAX PSI (BAR): 3300 (227)
HONDA GX ENGINE CC (HP): 120 (4.0)
WEIGHT LB (KG): 212 (96)

LineDrive

DESCRIPTION LINEDRIVER

SPECIFICATIONS
FUEL CAPACITY GAL (L):

HONDA GX
ENGINE CC (HP):

ENGINE CC (HP): 160 (5.5)
WEIGHT LBS (KG): 265 (120)



FieldLazer R300 Complete All-In-One Ride-On

field marking system consists of a LineDriver HD Ride-On System and FieldLazer R300 field marker. Riding is the ideal way for field marking professionals to reduce fatigue and increase productivity. Quickly mark a large number of fields with razor sharp, long, straight lines.



Hydrostatic Forward and Reverse

Finish faster with 0-10 mph transport speed

Patented Dual Pedal System

▶ Patent No. 6.883.633

15-Gallon Hopper Included

- Less paint refills
- ► Accepts 5-gallon buckets

Smooth Ride[™] **Tires**

- Reduced fatigue and vibration
- ► Long, straight lines over any terrain

Swivel Front Wheel

► Locks in-place for long, straight lines and swivels for corner-kicks, arcs, circles

Electronic Pressure Control

Adjustable between 0 and 3000 psi for turf (1000 psi) and pavement (3300 psi) line marking

Center Line Hitch Pivot

- ▶ Tight turn radius
- ► Fast maneuverability
- Quickly separate for transport, storage, or **Stride** with FieldLazer R300 field marker



Stand-On or Flip-Up Platform

- ► Comfortable shock absorbing platform
- Improved striping sight line
- ► Fold up for transport or storage
- Easy on and off

Controls Accessible from Standing Operator Position

- ► Automatic line setup
- ► Engine start/stop
- Pressure control
- Speed display

Honda GX 13 HP

- ► Electric Start
- Contractor preferred

Smooth Ride Tires

- Reduced fatigue and vibration
- ► Long, straight lines over any terrain

ENDURANCE

An industry first, the FieldLazer G400

All-in-One Stand-On, Self-Propelled

field marking machine. Riding upright is the

ideal way for field marking professionals

to improve visibility, reduce fatigue and

number of fields with razor sharp,

long, straight lines.

increase productivity. Quickly mark a large

25-Gallon Hopper Included

- ► Less paint refills
- Accepts 5-gallon buckets

Self-Centering Steering

- ► Locks-in-place for a straight line
- ► Automatically swivels to turn

Electronic Trigger

- ► Reduced spraying hand fatigue
- Quick spray response

Glide

FieldLazer G400

DESCRIPTION PART # FIELDLAZER G400 24M608

SPECIFICATIONS

Forward: 0 to 10 mph (16 KM/H) Reverse: 0 to 6 mph (10 KM/H)

MAX TIP SIZE: 0.055 1-Gun 0.039 2-Guns

1.4 (5.3)

MAX PSI (BAR): 3300 (227) HONDA GX ENGINE CC (HP): 390 (13) WEIGHT LB (KG): 450 (204)

INCLUDES

• (1) 40 in Adjustable Pointer

FUEL CAPACITY GAL (L):





Paint Hash Marks, yard lines, and dashed lines (i.e. media and boundary lines).

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FieldLazer \$100 Adjustable

FieldLazer \$90 Adjustable

Spray Shield

Accessories

FIELDLAZER FIELD MARKING EQUIPMENT

LINE MARKING TIPS

LL5219 RAC° 5 SwitchTip 2 inch Line

LL5315 RAC 5 SwitchTip 2-8 inch Line (For FieldLazer S90)

LL5323 RAC 5 SwitchTip 4 inch Line LL5421 RAC 5 SwitchTip 4-8 inch Line LL5423 RAC 5 SwitchTip 4-8 inch Line

LL5625 RAC 5 SwitchTip 8-12 inch Line

► FieldLazer SwitchTip—Crisp, uniform lines on a single pass — *ideal for line marking!*Additional tip sizes are available, see Graco's Airless Accessories catalog for more details.

Tips are not compatible with ProStencil handheld sprayer. See page 7 for ProStencil Accessories.

STENCILING/LARGE AREA TIPS

286419 RAC 5 SwitchTip 8-10 inch Line or Stenciling 286521 RAC 5 SwitchTip 10-12 inch Line or Stenciling

► RAC 5 SwitchTip—Overlapping fan pattern for uniform spraying of large areas or stencils. Ideal for stenciling, end zones, players boxes, etc.

FIELDLAZER S90 STENCIL KIT

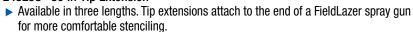
24R236 10 ft Hose and 10 ft Cable with Spray Button

▶ Easily sprays stencils.

FIELDLAZER TIP EXTENSIONS

243296 15 in Tip Extension 243297 20 in Tip Extension

243298 30 in Tip Extension



FIELDLAZER TIP EXTENSION SWIVEL

235486 180° Swivel for Tip Extension

▶ 180° Easy turn directional spray nozzle





15-GALLON PAINT HOPPER

241104 15-Gallon (57 I) Paint Hopper (For FieldLazer R300 only.)

► Triple your paint capacity with this easy to clean paint hopper.

FIELDLAZER LINE POINTERS

277062 Short Pointer Guide
277063 Long Pointer Guide
25 in (635 mm) (For FieldLazer R300 and G400 only.)
40 in (1016 mm) (For FieldLazer R300 and G400 only.)

24N162 Adjustable Pointer Guide 40 in (1016 mm) (For FieldLazer G400 only.)

▶ Pointer guide provides operator with improved long straight lines.

SPRAY SHIELD KITS

249081 Adjustable Spray Shield Kit

24P894 Adjustable Spray Shield Kit (For FieldLazer S100 only.)

► Attaches to the FieldLazer spray gun for improved line definition in windy conditions or over uneven surfaces.

GUN ARM EXTENSION

287591 Gun Arm Extension (For FieldLazer S100 only.)

▶ Moves spray gun farther forward for striping directly up to goal posts, or other obstacles.

AUXILIARY BATTERY KIT AND LIGHT KITS

245343 Auxiliary Battery Kit (For FieldLazer R300 Complete and LineDriver HD only. Required for Light Kit.)

16U160 FieldLazer S90 Replacement/Spare Battery

24M598 Auxiliary Light Kit for Low Light Applications (For FieldLazer G400 only.)

SECOND GUN KITS

287553 2nd Gun Kit for FieldLazer R300

24M679 2nd Gun Kit for FieldLazer G400 (Required for automatic hash marks.)

▶ Add a second gun for spraying large areas in less time. Ideal for stenciling, end zones, players boxes, etc.

FieldLazer Specifications













| - | | | | | | | |
|----------------|--|--|---|---|---|---|---|
| | | ProStencil | FieldLazer \$90 | FieldLazer \$100 | FieldLazer \$200 | FieldLazer R300 Complete | FieldLazer G400 |
| MODEL | Part Number | 24R747 | 24N950 | 248942 | 24M609 | 24M605 | 24M608 |
| | Power | (2) 20V Lithium-ion Batteries | 12V Maintenance- Free Battery | Honda GX35 | Honda GX120 | FieldLazer R300: Honda GX120 4-Stroke LineDriver HD: Honda GX200 | |
| | Paint Pumping System | ProSpray Technology | Graco High Pressure Airless Pump | Graco High Pressure Airless Pump | Graco High Pressure Chromex Airless Pump | Graco High Pressure Chromex Airless Pump | Graco High Pressure Chromex Airless Pump |
| | Drive System | Handheld | Push | Push | Push | Hydro-Static (Forward/Reverse) | Hydro-Static (Forward/Reverse) |
| | Tires | N/A | (3) Pneumatic | (3) Graco Tall-Wheels | (2) Pneumatic Multi-Purpose Wheel (1) Front Swivel Wheel | (4) Large Turf Pneumatic Wheels (1) Front Swivel Wheel | (2) Large Turf Pneumatic Wheels (1) Front Swivel Wheel |
| | Paint Hopper Capacity gal (I) | 32 oz (.95) Material Cup | 6 (23) | N/A | 5 (19) | 15 (57) | 25 (95) |
| SPECIFICATIONS | Clean-up Features | Sealed system for reduced flushing between use Quick system flush No hose to clean | Sealed system for reduced flushing between use Quick system flush Tilt-N-Pour Removable Hopper | Sealed system for reduced flushing between use Quick system flush Siphon from disposable paint bucket | Sealed system for reduced flushing between use Quick system flush Siphon from disposable paint bucket | Sealed system for reduced flushing between use Quick system flush Siphon from disposable paint bucket | Sealed system for reduced flushing between use Quick system flush Siphon from disposable paint bucket |
| | Fuel Capacity gal (I) | N/A | N/A | 0.17 (0.63) | 0.66 (2.5) | FieldLazer R300: 0.66 (2.5) LineDriver HD: 0.95 (3.6) | 1.4 (5.3) |
| | Line Width in (cm) | N/A | 2-8 (5-20) | 2-12 (5-30) | 2-12 (5-30) | 2-12 (5-30) | 2-12 (5-30) |
| | Max Speed: Forward mph (km/h) Reverse mph (km/h) | N/A | N/A | N/A | N/A | 10 (16) 6 (10) | 10 (16) 6 (10) |
| | Weight Dry Ib (kg) | N/A | 60 (27) | 80 (36) | 145 (65) | FieldLazer R300: 212 (96) LineDriver HD: 275 (125) | 450 (2) |
| | Max Pressure psi (bar) | 2000 (138) | 900 (62) | 900 (62) | 3300 (227) | 3300 (227) | 3300 (227) |
| | Pressure Control | Included | N/A | N/A | Included | Included | Included |
| | Max Tip Size | 0.017 | 0.015 | 0.021 | 0.027 | 0.036 (1-gun) 0.025 (2-guns) | 0.055 (1-gun) 0.039 (2-guns) |
| | Adjustable Handle Height | N/A | Included | Included | Included | Included | Included |
| | Fold-Down Handle | N/A | Included | Included | N/A | N/A | N/A |
| | Left or Right Spray Configuration | N/A | Included | N/A | Included | Included | Included |
| ACC. | Gun(s) | N/A | 1 | 1 | 1 | 1 | 1 |
| ED. | Tip(s) | N/A | 1 | 1 | 2 | 2 | 3 |
| INCLUDED | Hose ft (m) | N/A | 6 (2) | 25 (8) | 50 (15) | 50 (15) | 50 (15) |
| | Spray Shields | N/A | Included | Included | Accessory | Accessory | Accessory |
| | Side Marking Arm | N/A | Included | Included | Included | Included | Included |
| | Operation Manual | 3A2587 | 332119 | 310810 | 311019 | FieldLazer R300: 311017 LineDriver HD: 312540 | 3A2090 |

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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

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SALES/ DISTRIBUTION/ SERVICE

Call today for product information or to request a demonstration.

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