



RoadLazer Line Stripers

Graco's Pull-Behind Road Striping System.



PROVEN QUALITY. LEADING TECHNOLOGY.





Superior Striping Solutions.



Graco's complete line of LineLazer™ airless walk-behind stripers are the industry standard worldwide.



Connect LineDriver to your walk-behind striper to create a high production ride-on striping system.



Graco introduces advanced airless striping technology, money and labor saving road striping solutions.

Moving Ahead in the Industry

In 1989, Graco introduced its first contractor grade walk-behind line striper – the LineLazer®. The acceptance was overwhelming! Street maintenance workers to striping contractors finally achieved sharp, consistent lines with 2 to 4 times more productivity than the old stand-by air spray units. Plus, overspray and waterbase striping problems virtually disappeared. With thousands of LineLasers in use today, Graco has become the worldwide industry leader.

Now we're taking all the advantages of our walk-behind stripers to the road. Introducing the RoadLazer® – Graco's patented hydraulic truck-mounted striping system. We're turning your concerns into technologically-superior solutions.

Waterbase Compatibility

The RoadLazer is designed with 300 Series Grade wetted parts, offering 100% chemical compatibility with all traffic paints including today's newer pH-sensitive waterborne paint formulations.

Airless Technology

Airless striping produces precise lines every time, without excessive overspray or the fuzzy, uneven lines normally associated with air spray striping. Plus, you achieve faster drying times, consistent paint thicknesses and waterbase lines that look like tape.

Productivity

Achieve accurate lines without losing pace. The RoadLazer applies reflectorized airless lines at highly productive speeds – up to 10 mph (16 kph). Line widths to 36 in (914 mm) are possible with the optional third gun kit. And simultaneous dual-color striping is no problem. Amazing productivity!

Simplicity

Loading and unloading is easily done by one person without forklifts or overhead cranes. The unique Video Guidance System offers direct, in-line viewing while striping, so no additional operator is needed for observing restripe applications. Plus, the Graco Controller offers our innovative system delay feature, which means the operator doesn't have to look back to match the lines anymore. One person now does the job of two.

Low Cost

RoadLazer is the lowest total cost system on the market today: lower unit price, lower maintenance costs, half the labor costs, better paint and bead utilization and lower total trucking costs. Comparable units may cost twice as much!



Simple, One-Person Operation.



Simple Start-up

You're ready to spray within minutes of hook up. Simply couple the hitches, hook the safety chains, plug in the electric components and install the siphon hose(s) into the drum(s). Choose your color and set the pressure control knob. Then, align your guns to stripe up to two lines in one or two colors with glass beading.



RoadLazer Controller

With the innovative patent pending system delay feature, there is no need for the operator to turn around to accurately match restriping starting points. Simple toggle sequences allows for "eyes on the road" driving. These create a much safer environment while dramatically improving striping results.



Highest Quality Road Lines

Once on the road, you'll experience unsurpassed airless line quality compared to less efficient air spray lines. Bead guns efficiently and accurately apply glass beads to the airless lines to meet the most stringent retroreflectivity requirements.



Quick Switch Striping Colors

Switch easily from yellow to white striping in seconds. Effortlessly change from centerline to edge-line striping without unbolting, twisting or reversing your gun carriage.



Easy Transport and Storage

The RoadLazer is easily and safely transported from one location to another, even at highway speeds. Plus, the RoadLazer uses very little shop space when stored. In fact, three RoadLazers can be stored in the parking slot normally reserved for a striping truck!





Stripe with Confidence.

Enjoy the benefits of in-line viewing with Graco's Video Guidance System. Now edge-lining is easier than centerline striping. Previously, edge-lining required two operators or a dual steering vehicle. Now it is reduced to one operator - with better results. That's technology and labor savings in one compact package!



Video Guidance System

The RoadLazer offers an optional Video Guidance System, providing optimum forward viewing for checking alignment while restriping existing lines or following control marks when applying new lines. The on-screen vertical sighting lines ensure accuracy, whether spraying curved or straight lines. And the high-quality color video screen provides excellent visibility in bright sunlight and enhanced viewing in low light conditions.

Controller

The RoadLazer's Controller is what simplifies the striping process. A touch of a toggle controls the programming, pattern selection and guns. The controls are easy to memorize so commands quickly become automatic without requiring eye contact. Plus, the ergonomic toggles are sturdy, positive and easy to use. The entire system is within easy reach of the operator, thanks to the supplied 30 ft (9 m) control cable. What's more, all the programmed information is retained, even if power is lost.



Choose from these Menu Choices:

1. MPH/Skip Cycle Set-up (Main Menu)

Easily adjusts spaces up to 1000 ft (305 m) and skips up to 100 ft (30.5 m). Also references your MPH quickly.

2. Footage Counter & Totalizer (Optional)

To simplify billing, this feature accurately tracks and records each gun's actual line footage in skip lines, single lines and double lines. With the optional Totalizing Meter Kit, you can also monitor gallons used, as well as the linear feet per gallon application rate. This feature can tell you exactly what your application costs are!

3. System Delay

This exclusive, patent pending option offers a preset delay of the On/Off of all paint guns, eliminating the need to look back at guns when restriping and matching existing lines.

4. Auto Cycle Set-Up

Precisely measure existing cycle distance and skip distance without leaving the cab. Change cycle length in an instant!

5. Skip Line Pattern Set-Up

Allows operator to customize the Controller to start the skip line cycle with either paint or space.

6. Pre-Marking

Offers precise pre-marking at higher speeds, up to 20 mph (32 kph), for laying out striping, thermo, tape and reflective pavement marking jobs.

7. Standard/Metric & Contrast Adjustment

Easy, on-screen conversion and screen view adjustment for varying light conditions.

8. Paint On/Off Delay

Saves paint and time. This feature accurately compensates paint On/Off to precisely match existing line and beads. Helps to synchronize the paint and bead guns.

9. Bead On/Off Delay

No bead waste! Accurately match beads to the paint pattern while striping.

10. Power On/Off

Not only powers up the Controller but also serves as an emergency shut-down device for the RoadLazer's engine, compressor and hydraulic system.



RoadLazer — Proven By Professionals.



Ramsey County, an urban area with high traffic volumes, stripes their roads annually. They also stripe roads for many cities within the county as inter-governmental support. They purchased the RoadLazer for striping large intersections with multiple lanes, arrows, medians and hash marks. So far, they've seen real time and money savings!

Hear what the professionals are saying:

"When we started using the RoadLazer, I didn't realize how much it was going to save in labor and time. To run a large highway striper, it costs about \$300.00 an hour for materials and labor while the RoadLazer only costs about \$100.00. It's a real money-saver. I don't have to assemble an entire crew to handle a construction zone. I just send one guy and he's in and out of the job site fast! This allows me to use my highway striper more effectively.

Another time-saver is the computerized inventory. I run a total volume inventory each day to track how many gallons we're striping. This is important when we're striping for other cities. The RoadLazer is the first system to provide such valuable information so easily.

But one of the biggest reasons we purchased the RoadLazer was for versatility. It's easy to hook and unhook so we can use the truck for other jobs. A dedicated striper costs too much to sit idle especially during the winter months. And I must say, airless by far produces the cleanest lines, which is important when dealing with quality control."



Vincent Schwartz: Maintenance & Construction Supervisor, Ramsey County Department of Public Works, Shoreview, Minnesota





Endless Application Options.



Temporary Highway Roads

For construction sites that need "same-day striping" and temporary roads, the RoadLazer quickly and inexpensively handles all your striping needs. It breezes through tough road conditions like scarified road surfaces.



Airports

Keeping the edges of wider lines sharp is key to airport striping. RoadLazer produces less overspray and crisp line edges with uniform film thickness. Easily sprays 36" lines. Simultaneous two-color painting offers time savings when highlighting yellow taxi-way lines with black paint.



Highway Exits

Exit or entrance ramps require 12 in (305 mm) lines. So if you have to clear the road fast in case of heavy traffic, RoadLazer quickly gets the job done. The "smaller" truck nimbly moves around in these tight quarters.



Lane Turnouts

Even cumbersome intersections are quickly completed with the RoadLazer.



Crosswalks and Legends

RoadLazer meets the demands of multipurpose use. From striping country roads to quickly applying crosswalks to precision stenciling, you can do it all with the RoadLazer.



Pre-Marking for Tape

The pre-marking menu on the Controller greatly simplifies pre-marking. It gets the pre-marking personnel off the road and safely in the truck.



Curves

The proximity of the striping guns closer to the pivot point of the vehicle guarantees more natural, flowing curves without steering wobble.



Long Lines

With high production speed capability and ample paint supply, the RoadLazer is ideal for any size job. With the spray gun boom arm closer to the chassis' pivot point, straight lines become the norm rather than the exception.



Take It to the Road. Take It to the Bank.



1/2, 3/4, or 1-Ton Pickups

The RoadLazer easily installs to a 1/2, 3/4, or 1-ton pickup without sacrificing the balance of the truck. With the RoadLazer installed, there's plenty of bed space available for additional paint and beads, stencils, walk-behind striper, blowers and line eradicators.

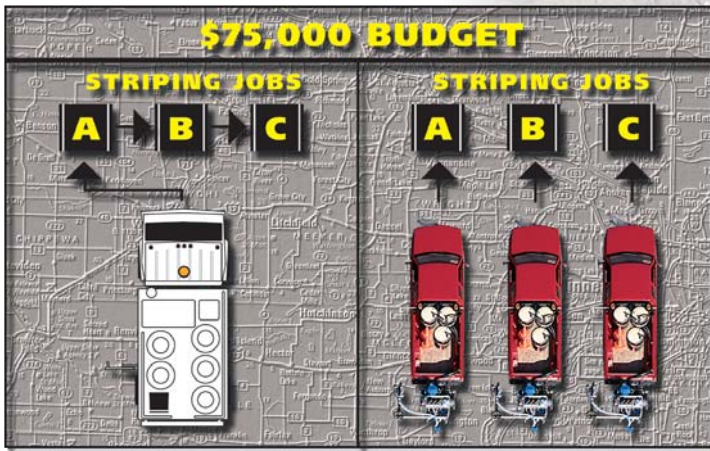


Specialty Chassis

Specialty chassis are perfect for mounting the RoadLazer. These vehicles allow shorter turning radius and reduce cost. You no longer have to dedicate a vehicle strictly for striping.

RoadLazer is by far the lowest cost total striping system.

You can buy three RoadLazers for the price of one comparative unit. That means triple productivity!



Manpower: 2-3	Manpower: 3
Completion Estimate: 3-4 days	Completion Estimate: 1 day
Cost/1 hr. Operation: \$300 each	Cost/1 hr. Operation: \$100 each
Vehicle Paint Capacity: 120 gal (454 L)	Vehicle Paint Capacity: 450 gal (1703 L) (150 ea.)





General Specifications.

Available RoadLazer Configurations

Depending upon your striping needs, RoadLazer is available in four different configurations.

3 Pump Model 231378

- Double line striping speeds to 10 mph (16 km/h)
- Instantaneous color availability and selection (5 mph/color) (8 km/h/color)
- 3 gun capability (up to 36 in [914 mm] wide lines)
- Simultaneous two-color striping (up to three lines)

2 Pump Model 231572

- Double line striping speeds to 10 mph (16 km/h)
- Potential for instantaneous color availability and selection
- 3 gun capability at reduced speeds
- Simultaneous two-way striping (up to two lines)

1 Pump Model 231571

- Double line striping speeds to 5 mph (8 km/h)
- Single line (center or edge-line) striping speeds to 10 mph (16 km/h)
- Single pump system allows color change in only minutes

United States Patent Numbers 5,368,232 and 5,947,385

Maximum Working Pressure: 2000 psi (133 bar)

Flow Rate: Up to 2.5 gpm (9.5 lpm) per pump

Operating Pressure of Air Actuated Guns: Up to 200 psi (13 bar)

Weight: (Empty/Full) – Gross trailer weight, 1090/1415 lbs (494/642 kg); Gross tongue weight (each), 380/470 lbs (172/213 kg); Gross axle weight, 430/480 lbs (195/218 kg)

Engine: 18 hp

Fluid Connections: Two 3/8 npt (f) ports per pump

Air Connections: 1/4 npt (f) air inlets

Hydraulic Oil Reservoir Capacity: 12 gal (45 L)

Wetted Parts: 303, 316 & 416 Series Stainless Steel, Tungsten Carbide, Acetal Homopolymer, Leather

Vehicle and hitch capacity must meet RoadLazer Specifications:

The RoadLazer trailer, with full bead tank, requires a minimum payload capacity of 1,400 lbs (635 kg). The weight of the striping paint, additional truck cargo and passengers, other than the driver, must be added to the 1,400 lbs (635 kg) capacity requirement of the RoadLazer, and must not exceed the total payload capacity of the truck. As defined by the SAE Standard J684 "Class 4" hitch requirements, the tow-hitch minimum rated capacity is 7,500 lbs (3401 kg) Gross Trailer Weight (GTW). Graco recommends a vehicle wheel base of at least 130 in (3302 mm) for normal highway use. Recommended hitch manufacturers available upon request.



SIDE VIEW
Edge-line
striping position



FRONT VIEW



BACK VIEW
Storage and transport position



RoadLazer Technology Leads the Competition



1. Viscount 1 Pump

Made of 300 series SST, these Severe-Duty™ pumps offer 100% chemical compatibility with all traffic paints, including today's new high performance waterborne paints. This ensures complete system integrity without concern for paint separation, jelling or failure. Graco proven hydraulic piston pumps provide longest life and lowest maintenance cost.



2. Paint Spray Gun

300 grade SST wetted parts offer complete chemical compatibility. The oversized Tungsten Carbide ball seat assures excellent abrasion resistance with the toughest paints. In addition, large full flow passages and the larger orifice allows the highest flow rates possible! Paint and bead guns have the same air valves and housings for less parts inventory.



3. Bead Tank

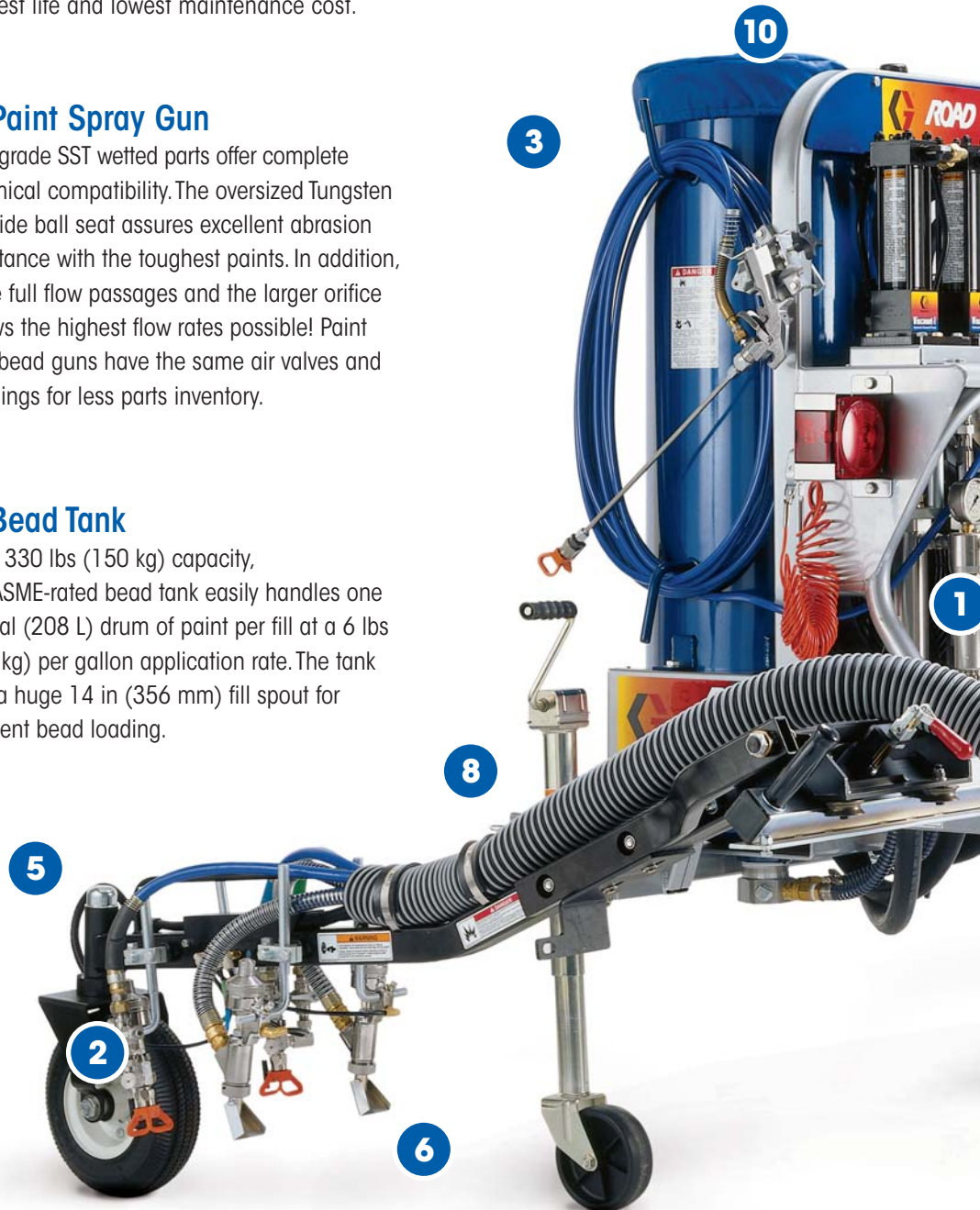
With 330 lbs (150 kg) capacity, the ASME-rated bead tank easily handles one 55 gal (208 L) drum of paint per fill at a 6 lbs (2.7 kg) per gallon application rate. The tank has a huge 14 in (356 mm) fill spout for efficient bead loading.

4. Master Caster Wheel

This tough wheel supports much of the system weight, allowing the RoadLazer to be used with smaller trucks, which was never before possible. The patented variable-resistance bearing design with dual heavy-duty shocks allows for straight tracking, as well as elimination of wheel-wobble. Plus, it's safety rated at highway speeds.

5. Spray Gun Boom Arm

Uniquely designed forward reaching gun arm positions the spray guns closer to the pivot point of the vehicle, allowing for straighter lines and more accurate curves. Moves from centerline to edge-line applications in seconds without tools.



ion, Providing the Features You Asked For...

6. Bead Spray Gun

The industry's most reliable bead gun offers 50% better On/Off control and 0 to 40 lbs (18 kg) per minute dispensing capability. The innovative tear-drop needle design encourages laminar bead flow through the gun, eliminating the chattering often found in competitive guns.

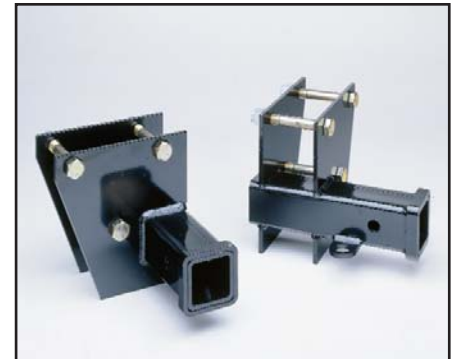
7. Optional Flow Totalizing

When tied to the Graco Controller, the optional totalizer provides the operator with a running total of paint gallons used, offering advance notice to load paint. Also, the Controller calculates the gallons used versus the linear feet applied to give a precise reading of linear feet the machine is applying per gallon of paint. This figure instantly lets you know the film build applied and how profitable the job was.



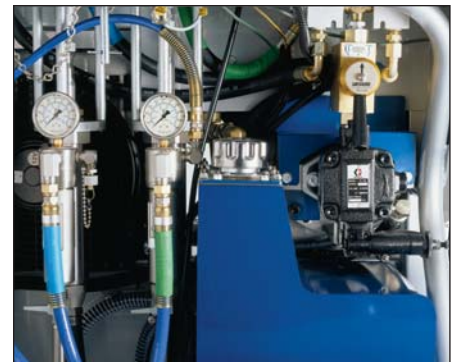
8. Dual Hitch Brackets

Easily converts a standard trailer hitch to accept RoadLazer mounts. Dual hitch design makes the RoadLazer part of the striping vehicle rather than a tow-behind striper with a single, articulating hitch. The RoadLazer tracks with the truck, not behind it, delivering straighter lines and smooth transitions into curves.



9. Simple Controls

The novice striper quickly readies the RoadLazer like a pro. A single knob consistently adjusts pump pressure to all airless pumps. A second knob precisely adjusts bead flow to all bead guns.



10. Siphon Tubes

Pump from original paint drums for easy start-up and no tank maintenance.



RoadLazer Accessories

	Part #	Manual #
3rd Gun Kit	244275	308678
<ul style="list-style-type: none">• 1 Paint Gun, 1 Bead Gun, 2 Mac Valves, Paint and Bead Hose		
Hand Gun Bead Accessory	238957	308679
<ul style="list-style-type: none">• 1 Deflector, 1 Tube, 1 Ball Valve, 1-3/8 Nylon Hose, 1 Tank Fitting		
Remote Digital Speed Indicator	238963	308680
<ul style="list-style-type: none">• 1 LCD Display, 1 Output Cable		
Video Guidance System	238683	308617
<ul style="list-style-type: none">• 1 Camera, 1 Monitor, Hardware		
2nd Stencil Gun Kit	238958	308681
<ul style="list-style-type: none">• 1 Flex Gun, 1-50 ft (15 m) Hose, 1 Clamp Assembly		
Gallon Totalizer Kit	238954	308682
<ul style="list-style-type: none">• 1 Sensor Bracket (requires one per pump)		
Spare Tire Kit	239029	308670D
<ul style="list-style-type: none">• Tire and Wheel Assembly		

Displacement Pump Repair Kit:	238793
Paint Gun Repair Kit:	238339
Bead Gun Repair Kit:	238340
Flex Gun Repair Kit:	235474
Sleeve Removal Kit:	See Pump Manual
Throat Seal Liquid (32 oz):	206995
Replacement Hose:	238952
Hitch Kit:	238944





ABOUT GRACO

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 which 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 HEADQUARTERS

AMERICAS

MINNESOTA
Worldwide Headquarters
Graco, Inc.
88-11th Avenue N.E.
Minneapolis, MN 55413

MAILING ADDRESS
P.O. Box 1441
Minneapolis, MN 55413-1441
Tel: 612.623.6000
Fax: 612.623.6777

EUROPE

BELGIUM
European Headquarters
Graco N.V.
Industrieterrein-Oude Bunders
Slakweidestraat 31
3630 Maasmechelen, Belgium
Tel: 32.89.770.700
Fax: 32.89.770.777

ASIA PACIFIC

JAPAN
Graco K.K.
1-27-12 Hayabuchi
Tsuzuki-ku
Yokohama City, Japan 2240025
Tel: 81.45.593.7300
Fax: 81.45.593.7301

ASIA PACIFIC

CHINA
Graco Hong Kong Ltd.
Representative Office
Room 118 1st Floor
No.2 Xin Yuan Building
No.509 Cao Bao Road
Shanghai, P.R. China 200233
Tel: 86.21.649.50088
Fax: 86.21.649.50077

KOREA
Graco Korea Inc.
Choheung Bank Building
4th Floor #1599
Gwanyang-Dong, Dongan-Ku,
Anyang-Si, Gyunggi-Do,
Korea 431-060
Tel: 82(Korea).31.476.9400
Fax: 82(Korea).31.476.9801

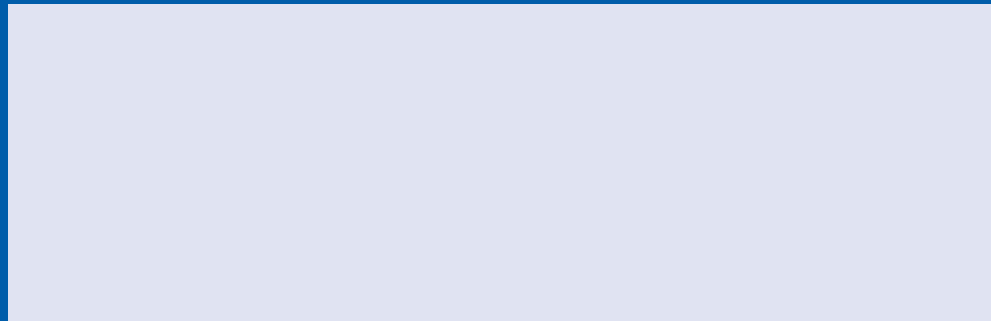
SALES/DISTRIBUTION/SERVICE

North America
800-690-2894
FAX 800-334-6955
WWW.GRACO.COM

GRACO INC.
P.O. Box 1441
Minneapolis, MN 55440-1441

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RoadLazer Line Tracking System



Accuracy in Motion

Unlike fixed pointers, the RoadLazer Line Tracking System uses a trailing wheel and linkage to precisely indicate the path of paint gun travel. Whether striping a tight radius, sweeping curve, or straight line, simply place the indicator above the existing stripe or reference marks, and the Line Tracking System does the rest, assuring that you'll accurately hit the line regardless of skill level.

- All pivot points on the Line Tracking System are sealed, precision cone bearings, so even the slightest wheel travel is transferred to the indicator.
- The Line Tracking System adjusts for trucks of all wheelbase lengths with a simple adjustment to one moving part.

Simplicity in Motion

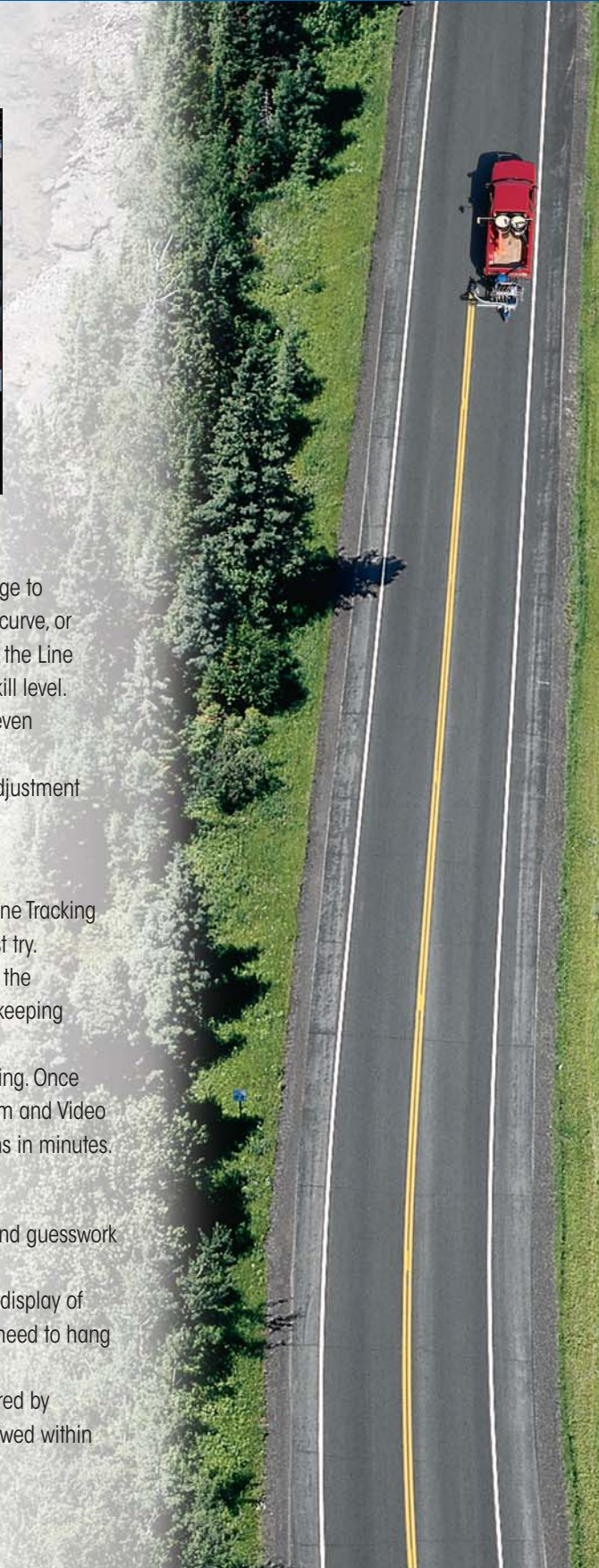
Other line striping systems get complicated when they start to move. Not true with the Line Tracking System. The simple operation allows operators of all skill levels to hit restripes on the first try.

- The Line Tracking System telegraphs the movement of the paint guns; thus wherever the indicator goes, the guns will follow. Transitions into and out of curves simply require keeping the pointer above the line.
- From an operator's standpoint, edge-line striping is no different than center-line striping. Once the spray guns are moved to the passenger side of the truck, the Line Tracking System and Video Guidance System accessory can be switched over and re-aligned with the spray guns in minutes.

Safety in Motion

No operators in the back of the truck to worry about and less attention to adjustments and guesswork means more attention to the road, increasing driving safety and productivity.

- Using the Video Guidance System accessory, the driver gets a clear, long-shot video display of edge lines and center lines from the comfort and safety of the truck cab. There's no need to hang or even look out the side windows.
- During use, the Line Tracking System is close to the truck, so the driver is not hampered by increased clearance concerns. During transport, the wheel and pointer are easily stowed within the truck dimensions with no disassembly.





The One-Person Show.

Graco's RoadLazer Line Tracking

System is standard on all

RoadLazer models and designed

to make accurate striping

and restriping a simple operation

performed by one person

– the driver. The Line Tracking

System used with the optional

Video Guidance System enables

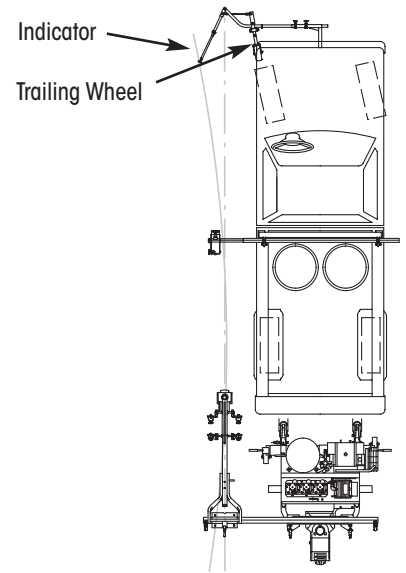
a driver working alone.



GRACO INC. P.O. Box 1441 Minneapolis, MN 55440-1441
 1 800-690-2894 Fax: 1 800-334-6955 <http://www.graco.com>
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Know where your guns are...

The trailing wheel of the Line Tracking System transfers motion to the indicator to show where the spray guns will follow.



...while looking forward!



Using the Video Guidance System accessory while restriping a curve, the operator watches the video screen and simply steers the truck to keep the indicator above the line, and the spray guns follow.



Using the Video Guidance System accessory while restriping a straight stretch, the operator watches the video screen and lines up the indicator along the line to an infinite distance, eliminating the need for frequent corrections.

Specifications

Complete Line Tracking System	Kit 241880
Operating Speed	Up to 12 mph (19 km/hour)
Weight	50 lb (23 kg)
Dimensions – with wheel arm parallel to ground	
.....	32 in. L x 69 in. W x 12 in. H
.....	(810 mm x 1750 mm x 305 mm)
Instruction Manual.....	309008



Graco Road Striping Bead Gun



Quality Design

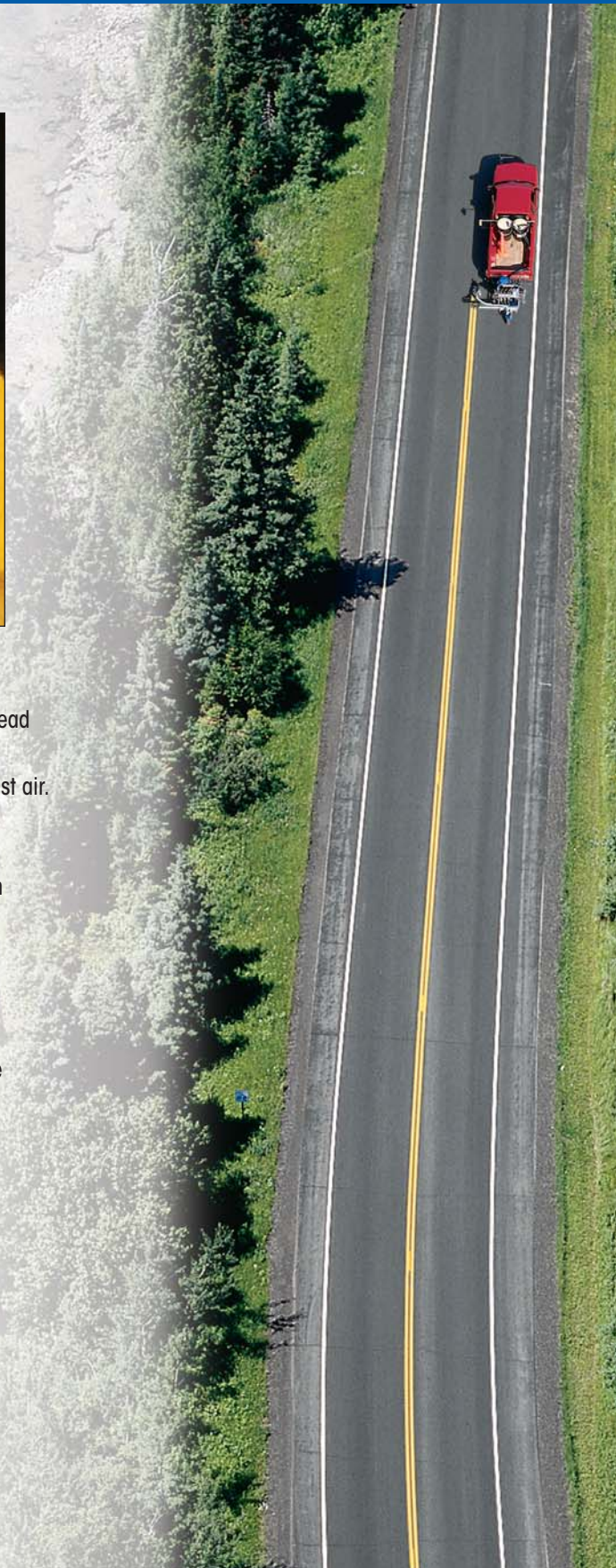
- Teardrop-shaped needle produces smooth flow around the needle surface, to limit bead turbulence (bead chatter) and encourage a smooth laminar flow within the gun.
- Hardened Stainless Steel Seat offers abrasion resistance even when exposed to moist air.
- Surfaced-hardened bead spreader is additionally protected with a chrome plating to minimize bead abrasion for the longest life and simplest clean up.
- Graco's bead gun shares the same air valves and housings as the paint striping gun to reduce onsite inventory.

Reliable Operation

- Very few moving parts ensures reliable operation while minimizing maintenance costs.
- Oversized Air Piston & Spring Assembly ensures instant starts and stops for accurate matching painted lines and for increased reliability.
- Divorced design prevents bead contamination of the air chamber in the event of seal failure, protecting internal parts.

Powerful Performance

- 50% better on/off control than competitive models for unsurpassed performance.
- 0-40 pounds per minute dispensing capability for maximum productivity.





The Ultimate Solution.

As retroreflectivity requirements get more stringent, randomly applying glass beads over painted road lines is no longer an option. You need a gun that applies glass beads with unwavering reliability, absolute consistency and at repeatable bead velocities to assure precise bead embedment. You need the new glass bead gun from Graco.

Oversized Air Piston & Spring Assembly ensure instant start and stop for reliable operation.

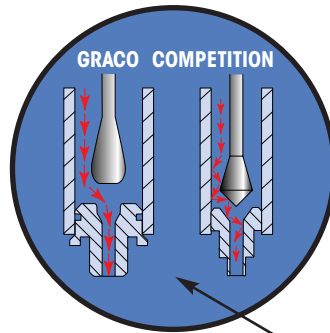
Protective Guard prevents paint or bead build-up, minimizing downtime.

Divorced Design prevents paint contamination from entering the air chamber in the event of seal failure, minimizing internal parts damage.

Smooth Bead Entry ensures consistent bead application.

Hardened Stainless Steel Seat resists abrasion, extending gun life.

Surfaced-Hardened Bead Spreader is designed with a chrome plated body, protecting against bead abrasion for long life.



Graco offers tear-drop needle design so beads flow smoothly around the needle surface, limiting turbulence (bead chatter) within the gun for extended life.

Bead Delivery

Speed MPH (KPH)	Pounds per Gallon Application Requirement (kg/L)		
	4.0 (.48)	6.0 (.72)	8.0 (.96)
4 (6.4)	4.7 (2.2)	7.1 (3.2)	9.5 (4.3)
6 (9.6)	7.1 (3.2)	10.7 (4.9)	14.2 (6.4)
8 (12.8)	9.5 (4.3)	14.2 (6.4)	19.0 (8.6)
10 (16.0)	11.9 (5.4)	17.8 (8.1)	23.7 (10.8)
12 (19.2)	14.2 (6.4)	21.3 (9.7)	28.4 (12.9)

Bead Coverage with 0.234 Nozzle. Based on 15 mil paint application

TBG Specifications: (Includes, 1 gun, 1 deflector and 4 SST nozzles)

- Part No. 238-338
- Air Actuated Trigger
- Operating Pressure 50 - 200 psi (3 - 12 bar) max.
- Air Connection 1/4 npt(f) air inlet
- Bead Connection 3/4 npt(f) bead inlet
- Glass Bead Output 2 to 40 lb/min (.9 to 18 kg/min)
- Air Consumption 2 to 7 cfm
- Spray Width 2 to 10 in (50 to 250 mm)

For wider line applications (8"-16") we suggest P/N 239-695 Wide Bead Deflector





Graco Road Striping Gun



Quality Design

- 300 grade SST design assures chemical compatibility with all high performance waterborne paints.
- Lowest paint gun exit velocities ensure long life, regardless of tip size.
- Consistently performs on demand despite the harsh gun carriage environment.
- Dual ported fluid chamber allows many fluid circuit options including hot/cold recirculation; dual color porting; flush port, or dead-end/non-circulating.
- Divorced design prevents paint contamination from entering the air chamber in the event of seal failure, to maximize uptime.

Wear Resistance

- Unlike 400 Grade SST and Aluminum found in competitive guns, the Graco striping gun offers all wetted gun parts made from Corrosion-Resistant 300 Grade SST which assures complete chemical compatibility with waterborne traffic paints and the high PH levels found in high performance waterborne paints.
- 300 Grade SST meets industry requirements for all waterborne paints and high solids, solvent-based traffic paints.
- Tungsten Carbide Seat offers abrasion resistance when spraying high solid materials at higher pressures, extending gun life.
- Oversized porting and clearances in the gun allow a smooth, undisturbed paint flow with very low shear.

Superior Performance

- Airless atomization offers consistent, high quality lines with virtually no overspray.
- Powerful air actuation piston and high tension needle spring guarantees instant starts and stops for reliable operation day in and day out!
- Large orifice increases productivity capability by allowing more material to flow through.
- Enlarged fluid inlet ports and 3/8 in. (3.1 mm) hose provide unrestricted flow to tip.





The One-Person Show.

To meet the needs of this changing industry, Graco has focused its design efforts on chemically compliant striping equipment. Graco's Road Striping Gun is designed with 300 Grade SST to handle today's higher performance waterborne paints. To you, this means trouble-free operation and equipment designed to last!



GRACO INC. P.O. Box 1441 Minneapolis, MN 55440-1441
 1 800-690-2894 Fax: 1 800-334-6955 <http://www.graco.com>
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Adjustable spring tension cap allows the operator to fine tune and synchronize all striping guns.

Protective Guard prevents material build-up, minimizing downtime.

Divorced Design prevents paint contamination from entering the air chamber in the event of seal failure, minimizing internal parts damage.

Large Orifice allows more material to flow through, increasing productivity.

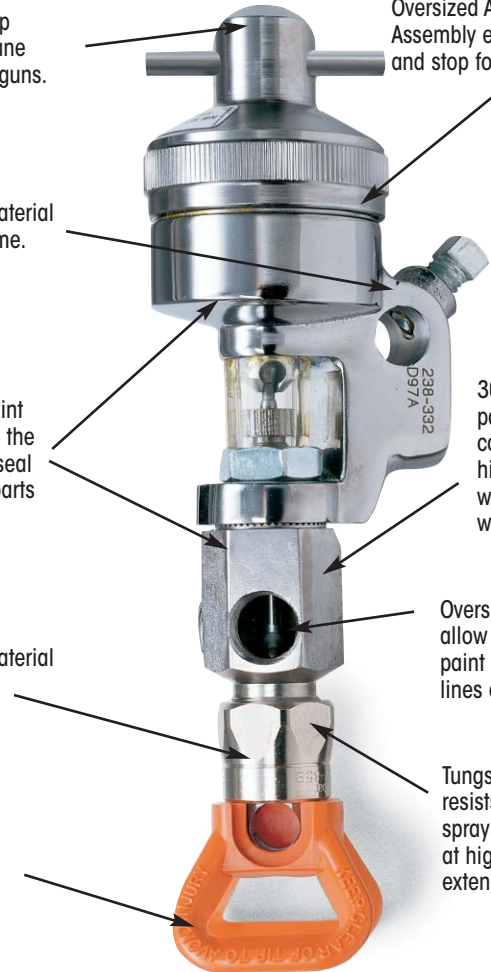
RAC™ IV DripLess Tip Guard is aerodynamically designed to prevent paint build-up, reducing downtime.

Oversized Air Piston & Spring Assembly ensure instant start and stop for reliable operation.

300 Grade SST wetted parts offer chemical compatibility with all high performance waterborne paints with minimal wear.

Oversized 3/8" Porting(s) allow smooth, undisturbed paint flow for consistent lines every time.

Tungsten Carbide Seat resists abrasion when spraying high solids at high pressures, extending gun life.



Spray Tip Recommendations

Travel Speed in MPH (KPH) - Based on 15 mils (.06 mm) wet paint

	3 (5)	4 (6)	5 (8)	6 (10)	7 (11)	8 (12)	9 (14)	10 (16)	11 (18)	12 (19)
Paint Tip Size @ 1500 psi (102 bar)										
4 in (101 mm) line	333	339	343	349	351	355	357	359	361	365
6 in. (152 mm) line	441	448	451	457	459	461	465			
12 in. (304 mm) line	649	653	653	655	655					

TSG Specifications:

- Part No.238-377
- Working Pressure3,000 psi (210 bar)
- Fluid Housing, Packing Assembly300 Grade SST
- Outlet SeatTungsten Carbide
- Paint Outlet Size3/8 in. (3.1 mm)
- Paint Inlet Ports.....3/8 in. (3.1 mm)



Graco Road Striping Controller

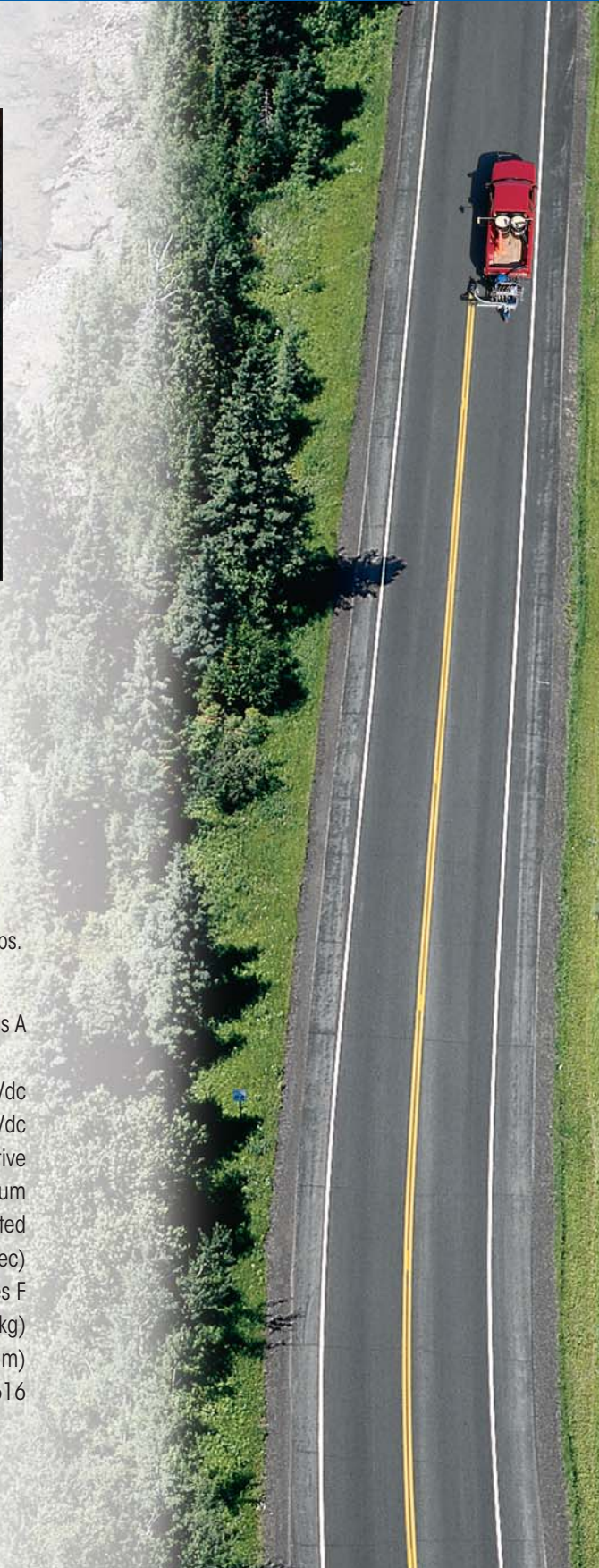


Quality Design

- Compact, rugged design takes up very little cab space.
- High definition screen for quick, at-a-glance operation.
- Water-resistant for long life in everyday conditions.
- Meets military specifications for a variety of applications.
- Proximity Sensor offers no moving parts to eliminate wear and constant adjustments.
- Built in audible high/low speed monitor assures consistent film build.
- Quick, disconnect input/output 30 ft (9.1 m) cable/pin connector for convenient use.
- Includes footage counters as a standard feature
- System delay feature eliminates the need to turn around to match lines on re-stripe jobs.

Specifications

Part No. (Control only)	238-050, Series A
Electrical Requirements	
Control	12 Vdc
Sender Input	12 Vdc
Ground	Negative
Gun output switching to ground	2A Maximum
Reverse polarity & noise spikes	Protected
Operating Speed Range	Up to 20 MPH (450 pulses/sec)
Operating Temperature	32-130 Degrees F
Weight	3 lbs (7.6 kg)
Paint Inlet Ports	7.25 in x 4.5 in x 2.25 in (184 mm x 114 mm x 57 mm)
Instruction Manual	308-616





Take The Ultimate Control.

Graco's Road Striping Controller leads the way in simplifying the striping process. A touch of a toggle controls the programming, pattern selection and guns. The controls are easy to memorize so commands are automatic without constant eye contact. Plus, the ergonomic toggles are sturdy, positively actuate, and easy to use.



Versatile Menu Options

MPH/Skip Cycle Set-Up (Main Menu)

Easily adjust spaces up to 1000 ft and skips up to 100 ft. Offers a continuous display reference for MPH, skip cycle measurements and skip cycle mode.

Footage Counter & Totalizer (Optional)

Accurately tracks and records each gun's actual linear footage in skip lines, single line and double lines. Optional Totalizing Meter kits monitor the actual paint gallons sprayed, and automatically calculates and registers the average application rate in terms of linear feet per gallon.

System Delay Set-Up

Enables the operator to always look forward for straighter lines while eliminating the need to look back to match start and stop points.

Auto Cycle Set-Up

Precisely measures existing lines cycle distance and skip distance without leaving the cab. Also changes the cycle length instantly.

Skip Line Pattern Set-Up

Customize the Controller to meet the job requirements. Start the skip line cycle with either paint or space.

Pre-Marking

Offers precise pre-marking at speeds up to 20 MPH for initial layout of striping, thermoplastic, tape and reflective pavement marking jobs.

Contrast Adjustment

Easily adjust the display's visual contrast to available light conditions.

Configuration Set-Up

Offers the immediate choice of metric or standard units of measure.

Calibration Set-Up

Calibrate the system with a touch of the button without external adjustments.

Audible Speed Alarm

Adjustable, audible speed alarm works within 2 and 15 MPH. No need to look at the speedometer to maintain accurate paint film build.

Paint On/Off Delay

Accurately compensates paint On/Off to precisely match existing line and beads.

Bead On/Off Delay

Precisely match beads to the paint pattern while striping to minimize bead waste.

Power On/Off

Acts as an On/Off switch while serving as an emergency shut-down of all active systems on the RoadLazer Striper.





Video Guidance System



Accuracy

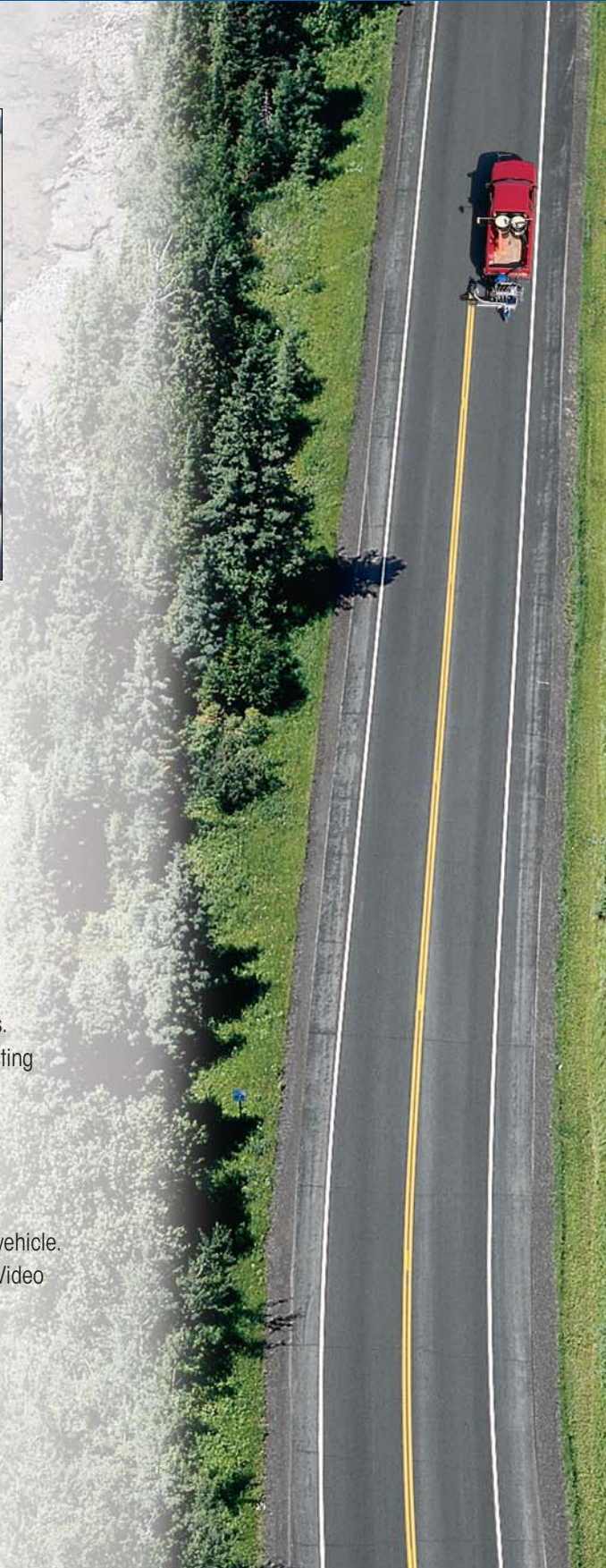
- The video screen simultaneously shows the roadway immediately under the pointer as well as the horizon. This allows the operator to sight ahead for straight lines and precisely track through curves.
- The video camera adjusts for perfect alignment with the spray guns and pointer for repeatable and effortless straight and curved lines.
- When the pointer is used in conjunction with the system delay feature, the operator always faces forward for precise starts and stops.

Ease of Use

- Changing from center-line to edge-line striping is accomplished in minutes.
- Forward viewing is easy on the operator without sacrificing straight line quality.
- The color video screen system ensures excellent visibility even in low-light conditions.
- The small profile video monitor mounts conveniently in the truck cab without obstructing forward vision, and ON/OFF and brightness adjustments are within easy reach.

Labor Savings

- One operator easily applies temporary, new, and restripe lines, eliminating the need for a rear operator.
- Difficult-to-follow edge-line striping no longer takes two operators or a dual steering vehicle.
- For one third the price of a typical striping truck, you can combine a RoadLazer and Video Guidance System – the lowest cost and most accurate, convenient, economical, and easy-to-use road striper available.

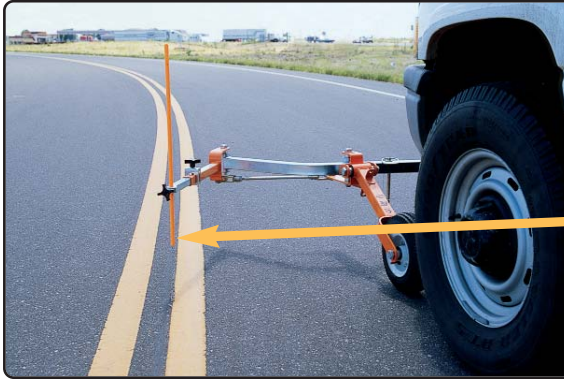




The Complete Picture.

Graco's Video Guidance System makes striping a single-person operation. It offers excellent forward viewing for checking alignment while restriping and for following control marks when applying new lines.

That's incredible labor savings with increased production and improved quality.



Tracing curves is easy. Simply keep the indicator on the existing line or reference marks. The Line Tracking System compensates for curved lines, indicating where the spray guns will follow.



For effortless straight lines that are *Lazer* sharp, sight higher on the indicator, reducing the need for frequent corrections.

When used with the System Delay feature, the indicator chain becomes the forward start/stop point. **NO MORE LOOKING BACK AT THE GUNS TO SEE WHERE THE LINE STARTS AND STOPS.**

Spray Tip Recommendations

Complete Video Guidance System	238683
Electrical Requirements	
Camera	12 vdc
Monitor	12 vdc
Operating Temperature	32° to 130° F (0° to 54° C)

Spray Tip Recommendations

Camera and Bracket	15 lb (6.8 kg)
Monitor	3 lb (1.4 kg)

Dimensions

Camera and Bracket	11 in. L x 77 in. W x 8 in. H
.....	(280 mm x 1960 mm x 205 mm)
Monitor	8 in. L x 9 in. W x 9 in. H
.....	(205 mm x 230 mm x 230 mm)
Additional Camera and Enclosure	238947*
Additional Power Cable	192232
Instruction Manual	309008

*Does not include hardware or mounting brackets

