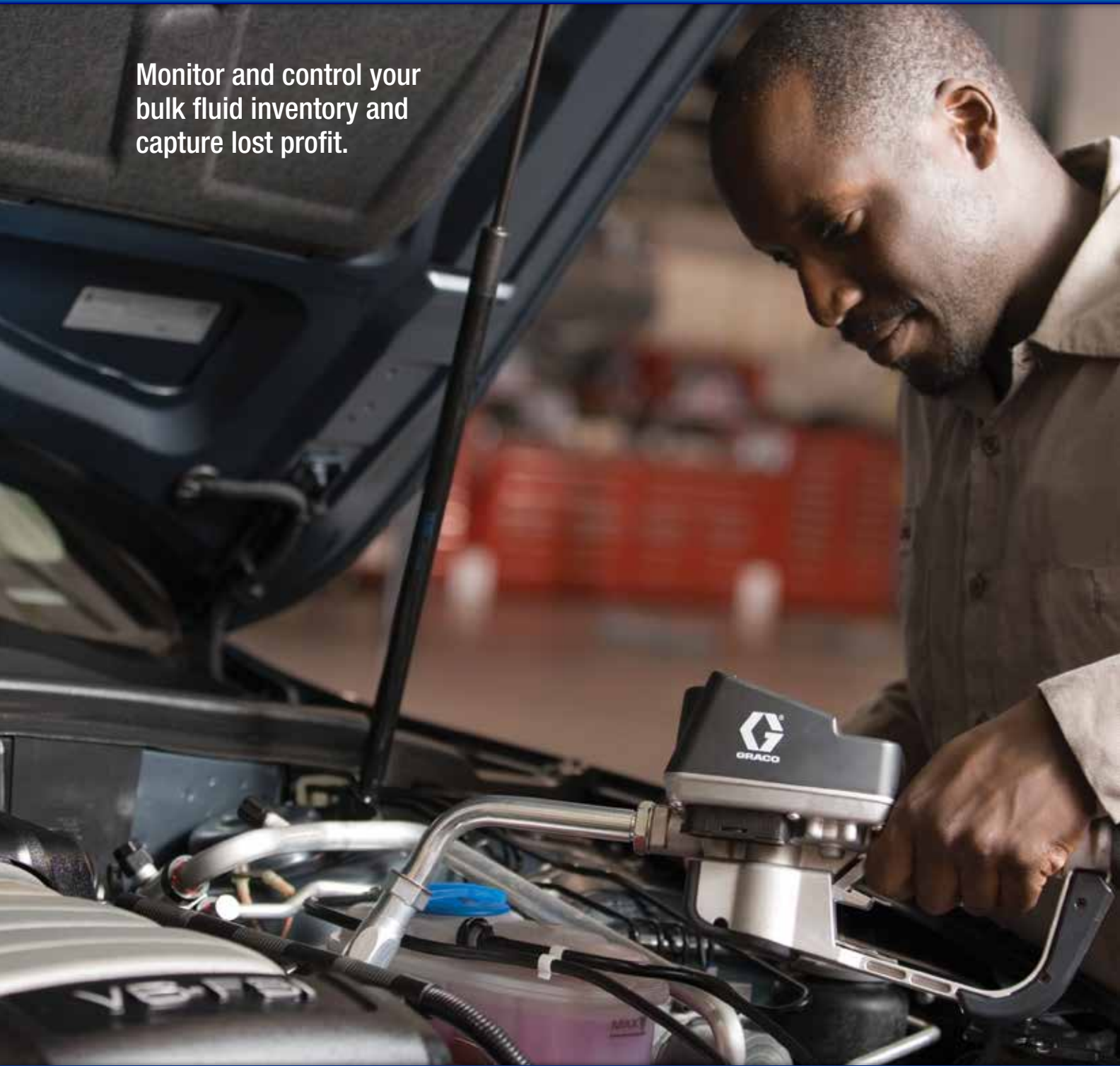


Matrix[®] Total Fluid Management System[™]



Monitor and control your bulk fluid inventory and capture lost profit.



PROVEN QUALITY. LEADING TECHNOLOGY.

Fluid dispense and **inventory control** at your **fingertips** for petroleum, synthetic oil products, and anti-freeze mixtures

Track Dispense Information

User-defined warnings and notices provide real-time system status of events.

- Date and time
- Meter ID / location
- Dispense amount
- Fluid type
- Work Order



Monitor Tank Status

Data on daily scheduled reading

- Real-time reconciliation
 - Tank location
 - Tank level

Automatic Notification of Events

30 common notifications to choose from, typical notifications include:

- | | |
|---|--|
| Tank Monitoring <ul style="list-style-type: none"> • Reclaim tank full • Supply tank low | Meter Monitoring <ul style="list-style-type: none"> • Dispense start/complete • Battery low warning |
| General Events <ul style="list-style-type: none"> • Work order posting | <ul style="list-style-type: none"> • Email notice |



Dispense History Reporting

User-defined customized reports (varies by software chosen)

- Date, meter ID, fluid, amount, work order, etc
- Premier version includes technician activity
- Create as .pdf or .csv Excel™ file type

Meter Status

Data on specific meter

- Work order status
- Dispense history
 - Date, fluid, amount, work order
- Edit dispense notes



Maximize Profits with Matrix®

Inventory Control

From the storage tanks to the metered dispensers, a Matrix system will capture and monitor every bulk fluid transaction. With user-defined security levels, you can manage access and ensure accountability for every fill and dispense. The supervision of your inventory will become a worry-free operation.

Service Shop Efficiencies

Matrix high flow dispense meters will reduce dispensing time and help your shop throughput. These intelligent dispense meters move data processing power out to the service bay for paperless transactions and dispense record generation. You'll limit the time-consuming interaction between parts and service departments and improve your fixed operations performance.

Accurate Accounting

Across the organization, from the accounting office to the parts room, every department is able to access and share the dispense data created by Matrix. This data can be leveraged to ensure every quart or pint is accurately accounted and billed.



The Matrix Advantage

The Matrix Total Fluid Management System is wireless. We've made it easy to install so you get up and running fast. Plus, if your business grows, Matrix can grow with you. It's modular so expanding as your needs grow is easy. Compare Matrix to other systems and you'll see Matrix has the clear advantage.



Wireless:

- High frequency wireless transmission for optimal coverage and signal strength
- 2.4 GHz radio platform approved for use world-wide use with CE, FCC, C-Tick, IC approvals
- Capable of capturing dispense data from "roll-around" tanks

PC Based:

- Easy to install *Windows* PC based operating systems
- Compatible with XP, Vista, *Windows 7* and *Windows 8* PC platforms and *Windows 2003* and *Windows 2008 (R2)* server platforms

Windows is a registered trademark of Microsoft Corporation in the United States and other countries.

Automated:

- Real-time monitoring and feedback of your operation
- Event logs provide time and date stamp of every event
- Scheduled e-mail notification on tank levels
- Pop up alarms or messages for tank levels, low batteries and other user-defined events



Roll Around

Mobile Capability

Monitor your "roll-around" inventory—Matrix wireless dispense meters need only to be within range of the transceiver to gain control of your 'roll around' dispensers. Secure access to your expensive drums of synthetic and semi-synthetic fluids.

1

Matrix™ Meter

Intelligent reporting right at the meter is a labor savings breakthrough. Pin code activation via the meters keypad, recognizes technician. Dispense data can be connected directly to the work order from the service bay.

5

Transceiver

Listens and communicates with the wireless devices located within reception range. Minimize interference with adjustable frequency range. Operates with IEEE 802.15.4 wireless protocol assures no Wi-Fi vulnerability.

2

Software



4

Tank Level Monitor

Schedule a daily reading and receive e-mail notices on the status of your tanks. Remove worry about your supply tanks running low or the reclaim tanks getting full.

3

Pump Air Control

Prevents unauthorized access to the fluid inventory. Enables pump operation only when a dispense meter has been activated and ready to dispense.

1 Matrix™ Meter

Accurate and Intelligent

- Innovative oval gear design improves accuracy over a wide range of flow rates and viscosities
- Performs at up to 1,500 psi (102 bar) fluid pressure for longer plumbing runs in larger facilities
- Intelligent one-button key pad puts the technician in control right from the dispenser
- Variable flow trigger for better control in tight spaces
- High flow rate (up to 14 gpm/51 lpm) shortens dispense time
- Up to three scalable presets for quick dispense of common volumes
- Programmable in quarts, pints, gallons and liters
- Seven year warranty (three years on electronics)



2 Software

Gateway to Your Data



- Windows compatible with XP, Vista, Windows 7 or Windows 8, Windows 2003 or 2008 Server
- Installed as either a single PC application (non-network) or Server/Client PC application (network)
- Real-time run screens provide a summary view of the recent dispense and tank transactions
- Configurable to support the needs of your unique shop operation—reports, notifications, e-mails, work-orders, global work orders, user privileges and security levels are user defined
- Certified for interfacing with common Dealer Management Software providers: Reynolds and Reynolds, CDK Global (formally ADP) and Procede Software

3 Pump Air Control

Asset Protection

- When highest level of security is needed, locks down access to the fluid tank by keeping pumps inoperable until a "call to dispense" signal has been sent
- Since pump air supply is shut off, removes worry about spills and expensive clean up if a broken line should occur



4 Tank Monitor

Remote Sentry

- Accurate ultrasonic sensor is scheduled to give you a daily report of the tank level.
- Easily configured to send e-mail notices on tank levels to managers, bulk suppliers, and recycling vendors
- Battery-operated for remote operation and simple installation
- Installs easily by threading into the two inch NPT bung on the tank
- Includes a vertical port for mounting a vent/breather



5 Transceiver

Communication Conduit

- Facilitates high-speed communication between the USB ports on the PC and the wireless devices in the shop (dispense meters, tank monitors, and pump air controls)
- Powerful device can transmit and receive (up to 300 ft/100 m range), for optimal wireless communication
- Easily scalable for multi-floor or multi-building facilities as the wireless broadcast coverage is extended or expanded by installing up to eight transceivers



AMERICAS

MINNESOTA

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

MAILING ADDRESS

P.O. Box 1441
Minneapolis, MN 55440-1441
Tel: 612-623-6000 Fax: 612-623-6777

EUROPE

BELGIUM

Graco BVBA
Industrieterrein-Oude Bunders
Slakweidestraat 31
B-3630 Maasmechelen,
Belgium
Tel: 32 89 770 700 Fax: 32 89 770 777

ASIA PACIFIC

AUSTRALIA

Graco Australia Pty Ltd.
Suite 17, 2 Enterprise Drive
Bundoora, Victoria 3083
Australia
Tel: 61 3 9468 8500 Fax: 61 3 9468 8599

CHINA

Graco Hong Kong Ltd.
Shanghai Representative Office
Building 7
1029 Zhongshan Road South,
Huangpu District
Shanghai, 200011
The People's Republic of China
Tel: 86 21 649 50088 Fax: 86 21 649 50077

INDIA

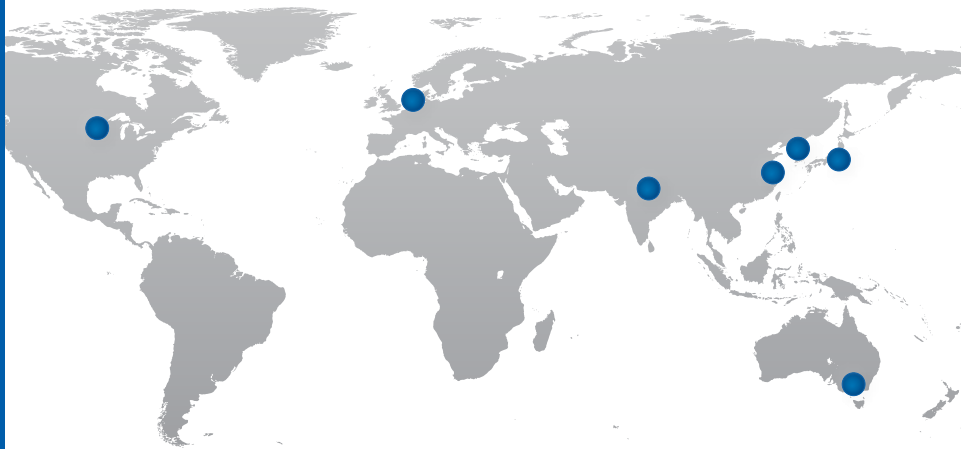
Graco Hong Kong Ltd.
India Liaison Office
Room 443, Level 4
Augusta Point, Golf Course Road
Gurgaon, Haryana, India 122001
Tel: 91 124 435 4208 Fax: 91 124 435 4001

JAPAN

Graco K.K.
1-27-12 Hayabuchi
Tsuzuki-ku
Yokohama City, Japan 2240025
Tel: 81 45 593 7300 Fax: 81 45 593 7301

KOREA

Graco Korea Inc.
Shinhan Bank Building
4th Floor #1599
Gwanyang-Dong, Dongan-Ku,
Anyang-si, Korea 431-060
Tel: 82 31 476 9400 Fax: 82 31 476 9801



Graco's got you covered

Facilities Worldwide for Global Support



Quality First

At Graco we pride ourselves on providing best-in-class products. Engineered solutions are manufactured in our own facilities, with the highest standards in the industry. We provide you with world-class customer support and expertise to help solve your lubrication challenges.



Global Reach

Graco has facilities and distribution partners across the globe to provide you with the products and service *you* need, where *you* live. Plus, Graco has dedicated field experts in all areas of the world to support the products we sell.



Product Capabilities

Graco has a broad range of products to provide solutions that meet your needs. Our products are engineered and tested to perform in the harshest environments so you can be certain your equipment is protected and working at peak performance.

Contact us today!

Call **800-533-9655** to speak with a Graco representative,
or visit **www.graco.com** for more information.

