



# **ToughTek<sup>®</sup>** **Rotor/Stator Pumps**

Versatile Mortar Pumps for the Construction Industry



PROVEN QUALITY. LEADING TECHNOLOGY.

## ▶ **Graco ToughTek Pumps are the First Choice for Reliability**

With ToughTek rotor stator pumps, you can expect long-lasting durability and rugged performance – for a range of applications including fireproofing, self-leveling underlayment, mortar, stucco and EIFS.

### **All ToughTek rotor stator pumps offer:**

- Variable pump output lets you adjust material flow
- Easy maintenance with long-life parts and components
- Adjustable stator – extends the life of the stator sleeve
- Remote control operation
- Reversible pump direction to relieve fluid pressure and reduce pack-outs
- Easy operation, easy transport
- Rugged construction and heavy-duty frame to protect your investment
- Quick and easy cleanup

### **ToughTek P20 and P30 Rotor/Stator Pumps**

- Small and compact, yet large enough to get the job done
- Versatile applications
- High torque (HT model) for epoxy-based mortars or other thick high-viscosity materials

### **ToughTek P30X Rotor/Stator Pump**

- Large hopper – 63 gal (238 l) capacity
- Ideal for large batch jobs like fireproofing
- High torque (HT model) for epoxy-based mortars or other thick high-viscosity materials

### **ToughTek P40 Rotor/Stator Pump**

- For high-volume applications – delivers up to 18 gpm (68 lpm)
- Higher pumping pressures (600 psi/41 bar) for extended hose length and pumping heights
- Can be used as a stage pump for extreme vertical and horizontal pumping distances

### Simple Controls

- Easy dial control for desired output

### Feed Grate

- Impedes entry of large foreign objects to minimize downtime

### Wedge Pins

- Easy removal of motor/gearbox and pump for improved portability

### Soft Air Tires

- Easily maneuver around rough terrain

### Reversible Drive

- Easily change pump direction to relieve fluid pressure and pack-outs



ToughTek P30X



ToughTek P40

## ► Which System is Right For You?

The Graco ToughTek Rotor/Stator pumps are available in seven models, the P20, P20 (16 Amp), P30, P30 HT, P30X, P30X HT and P40. Depending on your job requirements, Graco has the right pump to fit your needs.

|                                     | P20                                | P20 (16 Amp)                       | P30                                | P30 HT                             | P30X                               | P30X HT                            | P40                                |
|-------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| <b>Max Particle Size</b>            | 1/4 in (6 mm)                      | 1/4 in (6 mm)                      | 1/4 in (6 mm)                      | 1/4 in (6 mm)                      | 1/4 in (6 mm)                      | 1/4 in (6 mm)                      | 1/4 in (6 mm)                      |
| <b>Max Output*</b>                  | 7.3 gpm (27.6 lpm)                 | 5.6 gpm (21.2 lpm)                 | 16.6 gpm (62.8 lpm)                | 9.8 gpm (37.1 lpm)                 | 16.6 gpm (62.8 lpm)                | 9.8 gpm (37.1 lpm)                 | 18.7 gpm (70.8 lpm)                |
| <b>Fireproofing Material Output</b> | 21 bags/hour**                     | 16 bags/hour**                     | 40 bags/hour**                     | 24 bags/hour**                     | 40 bags/hour**                     | 24 bags/hour**                     | 45 bags/hour**                     |
| <b>Max Pressure</b>                 | 300 psi (21 bar, 2.1 MPa)          | 300 psi (21 bar, 2.1 MPa)          | 300 psi (21 bar, 2.1 MPa)          | 300 psi (21 bar, 2.1 MPa)          | 300 psi (21 bar, 2.1 MPa)          | 300 psi (21 bar, 2.1 MPa)          | 600 psi (21 bar, 2.1 MPa)          |
| <b>Motor</b>                        | 5.4 hp                             | 5.4 hp                             | 5.4 hp                             | 7.5 hp                             | 5.4 hp                             | 7.5 hp                             | 15 hp                              |
| <b>Power</b>                        | 220V, 1-ph, 30A                    | 220V, 1-ph, 16A                    | 220V, 1-ph, 30A                    | 220V, 1-ph, 30A                    | 220V, 1-ph, 30A                    | 220V, 1-ph, 30A                    | 220V, 3-ph, 25A                    |
| <b>Pumping Distance</b>             | 100 ft +                           | 100 ft +                           | 100 ft +                           | 100 ft +                           | 100 ft +                           | 100 ft +                           | 400 ft +                           |
| <b>Pumping Height</b>               | 60 ft +                            | 60 ft +                            | 60 ft +                            | 60 ft +                            | 60 ft +                            | 60 ft +                            | 150 ft +                           |
| <b>Dimensions (LxWxH)</b>           | 64 x 25 x 24 in (163 x 64 x 61 cm) | 64 x 25 x 24 in (163 x 64 x 61 cm) | 64 x 25 x 24 in (163 x 64 x 61 cm) | 70 x 25 x 24 in (178 x 64 x 61 cm) | 79 x 34 x 31 in (200 x 86 x 79 cm) | 79 x 34 x 31 in (200 x 86 x 79 cm) | 84 x 29 x 31 in (213 x 74 x 79 cm) |
| <b>Weight</b>                       | 300 lb (136 kg)                    | 300 lb (136 kg)                    | 300 lb (136 kg)                    | 300 lb (136 kg)                    | 420 lb (190 kg)                    | 440 lb (200 kg)                    | 530 lb (240 kg)                    |
| <b>Filling Height</b>               | 2 ft (.6 m)                        | 2 ft (.6 m)                        | 2 ft (.6 m)                        | 2 ft (.6 m)                        | 2.5 ft (.76 m)                     | 2.5 ft (.76 m)                     | 2.5 ft (.76 m)                     |
| <b>Hopper Capacity</b>              | 19 gal (71.9 l)                    | 19 gal (71.9 l)                    | 19 gal (71.9 l)                    | 19 gal (71.9 l)                    | 63 gal (238.5 l)                   | 63 gal (238.5 l)                   | 18 gal (71.9 l)                    |
| <b>Outlet Coupling</b>              | 35 mm (f) Ludecke Mortar Coupling  | 35 mm (f) Ludecke Mortar Coupling  | 35 mm (f) Ludecke Mortar Coupling  | 35 mm (f) Ludecke Mortar Coupling  | 35 mm (f) Ludecke Mortar Coupling  | 35 mm (f) Ludecke Mortar Coupling  | 50 mm (f) Ludecke Mortar Coupling  |

\*Max output determined by testing water at maximum machine RPM and factory rotor/stator pump pressure setting.

\*\*Based on 50 lb (22.6 kg) bags of light density material. Check with material suppliers or contact your Graco distributor for a demonstration.

# Ordering Information

---

## ToughTek P20 Series Pumps

Package includes: 50 ft hose (15 m), Browning Applicator (25M101), and required adaptors

|        |                           |        |                           |
|--------|---------------------------|--------|---------------------------|
| 25M030 | P20 bare, 220V, 30A, 1-ph | 25M033 | P20 bare, 220V, 16A, 1-ph |
| 25M130 | P20 pkg, 220V, 30A, 1-ph  | 25M133 | P20 pkg, 220V, 16A, 1-ph  |

## ToughTek P30 Series Pumps

Package includes: 100 ft hose (30 m), Browning Applicator (25M101), and required adaptors

|        |                              |        |                               |
|--------|------------------------------|--------|-------------------------------|
| 25M031 | P30 bare, 220V, 30A, 1-ph    | 25M132 | P30 HT pkg, 220V, 30A, 1-ph   |
| 25M131 | P30 pkg, 220V, 30A, 1-ph     | 25M041 | P30X HT bare, 220V, 30A, 1-ph |
| 25M032 | P30 HT bare, 220V, 30A, 1-ph | 25M141 | P30X HT pkg, 220V, 30A, 1-ph  |

Package includes: 100 ft hose (30 m), Pole Spray Applicator (24Y619), and required adaptors

|        |                      |        |                     |
|--------|----------------------|--------|---------------------|
| 25M040 | P30X bare, 220V, 30A | 25M140 | P30X pkg, 220V, 30A |
|--------|----------------------|--------|---------------------|

## ToughTek P40 Series Pumps

|        |                           |
|--------|---------------------------|
| 25M050 | P40 bare, 220V, 25A, 3-ph |
|--------|---------------------------|

## ToughTek Mortar Hose

With Ludecke Mortar Couplings — 25 mm male and female mortar coupling shown



|        |   |        |  |
|--------|---|--------|--|
| 17G920 | Hose, 1 in x 10 ft (25 mm x 3 m), with 25 mm Ludecke Mortar Couplings       | 17G925 | Hose, 1.375 in x 50 ft (35 mm x 15 m), with 35 mm Ludecke Mortar Couplings |
| 17G921 | Hose, 1 in x 25 ft (25 mm x 7.5 m), with 25 mm Ludecke Mortar Couplings     | 17G926 | Hose, 1.375 in x 65 ft (35 mm x 20 m), with 35 mm Ludecke Mortar Couplings |
| 17G922 | Hose, 1 in x 50 ft (25 mm x 15 m), with 25 mm Ludecke Mortar Couplings      | 17G927 | Hose, 2 in x 25 ft (50 mm x 7.5 m), with 50 mm Ludecke Mortar Couplings    |
| 17G923 | Hose, 1.375 in x 10 ft (35 mm x 3 m), with 35 mm Ludecke Mortar Couplings   | 17G928 | Hose, 2 in x 50 ft (50 mm x 15 m), with 50 mm Ludecke Mortar Couplings     |
| 17G924 | Hose, 1.375 in x 25 ft (35 mm x 7.5 m), with 35 mm Ludecke Mortar Couplings | 17G929 | Hose, 2 in x 65 ft (50 mm x 20 m), with 50 mm Ludecke Mortar Couplings     |

## ► Ordering Information



### Legacy Mortar Hose

*With Legacy Mortar Couplings — 1 inch male and female mortar coupling shown*

|        |   |        |  |
|--------|---|--------|--|
| 25A214 | Hose, 1.5 in x 25 ft (38 mm x 7.5 m), with 1.5 in Mortar Couplings  | 17G550 | Hose, 1 in x 25 ft (25 mm x 7.5 m), with 1 in Graco Mortar Couplings |
| 25A215 | Hose, 1.25 in x 25 ft (32 mm x 7.5 m), with 1.5 in Mortar Couplings | 17G551 | Hose, 1.25 in x 50 ft (32 mm x 15 m), with 1.5 in Mortar Couplings   |
| 25A216 | Hose, 1 in x 10 ft (25 mm x 3 m), with 1 in Graco Mortar Couplings  | 17G552 | Hose, 1.5 in x 50 ft (38 mm x 15 m), with 1.5 in Mortar Couplings    |

### Hose/Applicator Kits

|        |   |
|--------|---|
| 25C456 | High Output Fireproofing Spray kit: Includes Fireproofing Pole applicator, 1.375 in x 50 ft (35 mm x 15 m) hose, 1.375 in x 25 ft (35 mm x 7.5 m) hose, 1 in x 25 ft (25 mm x 7.5 m) hose and required adapters (uses Ludecke Mortar Couplings) |
| 25C457 | Patch and Repair Fireproofing Spray kit: Includes Fireproofing Pole applicator, 1.375 in x 25 ft (35 mm x 7.5 m) hose, 1 in x 25 ft (25 mm x 7.5 m) hose and required adapters (uses Ludecke Mortar Couplings)                                  |
| 25C458 | Browning Applicator Spray kit: Includes Browning applicator, 1.375 in x 25 ft (35 mm x 7.5 m) hose, 1 in x 25 ft (25 mm x 7.5 m) hose and required adapters (uses Ludecke Mortar Couplings)   |
| 25A916 | Stucco/EIFS Combo Spray kit: Includes Stucco applicator, EIFS applicator, 1.375 in x 50 ft (35 mm x 15 m) hose, 1 in x 10 ft (25 mm x 3 m) hose and required adapters (uses Ludecke Mortar Couplings)   |
| 25A919 | EIFS Spray kit: Includes EIFS applicator, 1.375 in x 50 ft (35 mm x 15 m) hose, 1 in x 10 ft (25 mm x 3 m) hose and required adapters (uses Ludecke Mortar Couplings)   |
| 25A218 | Stucco Spray kit: Includes Stucco applicator, 1.375 in x 50 ft (35 mm x 15 m) hose, and required adapters (uses Ludecke Mortar Couplings)   |

### Applicators

|        |  |
|--------|--|
| 24Y619 | Fireproofing Applicator with 25 mm (f) Ludecke Mortar Coupling     |
| 25M101 | Browning Applicator with 25 mm (f) Ludecke Mortar Coupling         |
| 25A217 | Stucco Applicator with 35 mm (f) Ludecke Mortar Coupling           |
| 25A515 | EIFS Fine Finish Applicator with 25 mm (f) Ludecke Mortar Coupling |
| 25M102 | Deco Fine Finish Applicator with 25 mm (f) Ludecke Mortar Coupling |

### Mortar Coupling Conversion Kits

|        |  |
|--------|--|
| 17N875 | Pump Outlet Ludecke Mortar Coupling kit, 35 mm Ludecke (f) x 1.5 in NPT (m) - fits F340e, S340e and F680e  |
| 17N877 | Applicator Inlet Ludecke Mortar Coupling kit, 35 mm Ludecke (f) x 1.25 in NPT (m) - fits stucco applicator |
| 17N878 | Pump Outlet Ludecke Mortar Coupling kit, 35 mm Ludecke (f) x 1.5 in NPT (f) - fits P20, P30 and P30X       |
| 17N880 | Pump Outlet Ludecke Mortar Coupling kit, 50 mm Ludecke (f) x 2 in NPT (f) - fits P40                       |



# Ordering Information

## Ludecke Mortar Couplings

25 mm male and female mortar couplings shown



|        |  |        |  |
|--------|--|--------|--|
| 17N887 | Ludecke Mortar Coupling Reducer, (m-m), 35 mm to 25 mm       | 17N893 | Ludecke Mortar Coupling, 25 mm (f) mortar to 1 in BSPP (f)       |
| 17N888 | Ludecke Mortar Coupling Reducer, (m-m), 50 mm to 35 mm       | 17N894 | Ludecke Mortar Coupling, 35 mm in (f) mortar to 1.25 in BSPP (f) |
| 17N889 | Ludecke Mortar Coupling Adapter, (m-m), 35 mm to 35 mm       | 17N872 | Ludecke Mortar Coupling Gasket – 25 mm                           |
| 17N890 | Ludecke Mortar Coupling Reducer, (f-m), 35 mm to 25 mm       | 17N873 | Ludecke Mortar Coupling Gasket – 35 mm                           |
| 17N891 | Ludecke Mortar Coupling, 35 mm (f) mortar to 1.5 in BSPP (f) | 17N874 | Ludecke Mortar Coupling Gasket – 50 mm                           |
| 17N892 | Ludecke Mortar Coupling, 50 mm (f) mortar to 2 in BSPP (f)   | 17N882 | Ludecke Mortar Coupling Arm with Pin – 25 mm                     |
|        |  | 17N883 | Ludecke Mortar Coupling Arm with Pin – 35 mm                     |
|        |  | 17N884 | Ludecke Mortar Coupling Arm with Pin – 50 mm                     |

## Legacy Mortar Couplings

1 inch male and female mortar couplings shown



|        |   |        |  |
|--------|---|--------|--|
| 15T116 | Graco 1 in Mortar Coupling, 1 in (m) cam x 1 in NPT (f)           | 128475 | 1.5 in Standard Mortar Coupling, 1.5 in (f) cam x 1.5 in NPT (f)   |
| 289874 | Graco 1 in Mortar Coupling, 1 in (f) cam x 1 in NPT (f)           | 128473 | 1.5 in Standard Mortar Coupling, 1.5 in (m) cam x 1.5 in NPT (m)   |
| 127476 | 1.5 in Standard Mortar Coupling, 1.5 in (m) cam x 1.25 in NPT (f) | 128758 | 1.5 in Standard Mortar Coupling, 1.5 in (f) cam x 1.5 in NPT (m)   |
| 128477 | 1.5 in Standard Mortar Coupling, 1.5 in (f) cam x 1.25 in NPT (f) | 17G767 | Mortar Coupling Adapter - 1.5 in Standard (f) x 1 in Graco (m), connects 1 in to 1.25 in or 1.5 in mortar hose |
| 128474 | 1.5 in Standard Mortar Coupling, 1.5 in (m) cam x 1.5 in NPT (f)  |        |  |

## Accessories and Common Repair Parts

|        |   |        |  |
|--------|---|--------|--|
| 17L860 | Sponge Ball for 2 in (50 mm) hose                                   | MTA703 | Rotor/Stator Combo kit – P40                       |
| 17G930 | Sponge Ball for 2 in (50 mm) hose, pack of 5                        | MTA719 | Rotor kit – P20, MP20                              |
| 128745 | Sponge Ball for 1.375 in (35 mm) hose                               | MTA720 | Stator kit – P20, MP20                             |
| 25A227 | Sponge Ball for 1.375 in (35 mm) hose, pack of 5                    | MTA721 | Rotor/Stator Combo kit – P20, MP20                 |
| 113397 | Sponge Ball for 1 in (25 mm) hose                                   | MTA722 | Rotor kit – MP40                                   |
| 248515 | Sponge Ball for 1 in (25 mm) hose, pack of 5                        | MTA723 | Stator kit – MP40                                  |
| 17N886 | Rotor/Stator Pump Pressure Test kit – 35 mm Ludecke Mortar Coupling | MTA724 | Rotor/Stator Combo kit – MP40                      |
| MTA701 | Rotor kit – P40   | MTA746 | Rotor kit – P30, P30X, P30HT, P30X-HT              |
| MTA702 | Stator kit – P40  | MTA747 | Stator kit – P30, P30X, P30HT, P30X-HT             |
|        |   | MTA750 | Rotor/Stator Combo kit – P30, P30X, P30HT, P30X-HT |

## 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

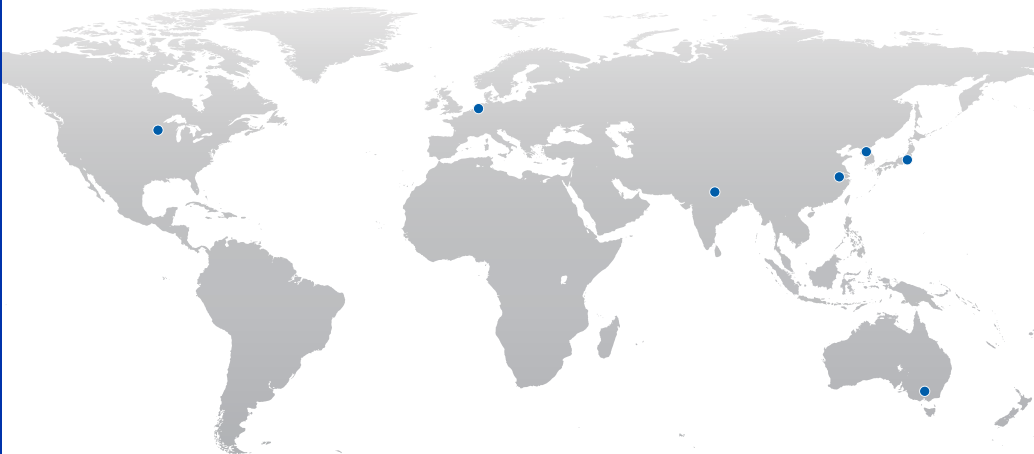
Graco Hong Kong Ltd.  
India Liaison Office  
Room 443, Level 4  
Augusta Point, Golf Course Road  
Gurgaon, Haryana, India 122001  
Tel: 91 124 435 4208 Fax: 91 124 435 4001

### 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 Has 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 application challenges.



### Global Reach

Graco has facilities 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 that are engineered and tested to perform in the harshest environments so you can be certain your equipment is protected and working at peak performance.

©2016 Graco Inc. ELECTRONIC ONLY 349565 Rev. C 10/16  
All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice. All other brand names or marks are used for identification purposes and are trademarks of their respective owners.

Contact us today!

Call **866-361-5959** to talk with a Graco representative,  
or visit [www.graco.com/toughtek](http://www.graco.com/toughtek) for more information.

