



# ToughTek® Mixing Pumps

High Performance Pumps for Self-leveling Flooring



PROVEN QUALITY. LEADING TECHNOLOGY.

## ► Self-leveling Made Easy

Mix, pump and apply pre-blended cementitious and gypsum-based construction materials with a single, easy-to-use machine. Because one or two workers can operate the ToughTek Mixing Pump, it saves on labor expenses. Its water system helps reduce material waste by maintaining material consistency at a uniform flow rate. Ideal for self-leveling underlayments, pre-blended non-shrink grouts and pre-blended topping materials.

### *Water Input*

- Where water is introduced into the mix

### *Flow Meter & Water System*

- Steady water input results in consistent material and flow

### *Output Port*

- Attach 35 mm hose mortar coupling

### *Built-in Cleanout Sprayer*

- Rinse and flush using incoming water



### Compact Design

- Easy to maneuver



### Rugged Hopper with Bag Breaker

- Holds six 50-lb (23 kg) bags

### Control Panels

- Easy to operate
- Easy to adjust material flow and dial control of output

### Mixing Shaft

- Easily removed for cleanup

### Water Booster Pump

- Maintains water pressure for consistent mixes

## ► Which System is Right For You?

The Graco ToughTek Mixing pumps are available in four models, the MP20, MP20 (16 Amp), MP40 and MP40 (380V). Depending on your job requirements, Graco has the right pump to fit your needs.

	MP20	MP20 (16A)	MP40	MP40 (380V)
<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)
<b>Max Output*</b>	7.3 gpm (27.6 lpm)	5.6 gpm (21.2 lpm)	13.0 gpm (49.2 lpm)	13.8 gpm (52.2 lpm)
<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)
<b>Motor</b>	5.4 hp (4 kW)	5.4 hp (4 kW)	7.5 hp (5.5 kW)	7.5 hp (5.5 kW)
<b>Power</b>	220V, 1-ph, 60Hz, 30A	220V, 1-ph, 50Hz, 16A	220V, 3-ph, 60Hz, 25A	380V, 3-ph, 50Hz, 25A
<b>Pumping Distance</b>	100 ft + (30 m)	100 ft + (30 m)	100 ft + (30 m)	100 ft + (30 m)
<b>Pumping Height</b>	60 ft + (18 m)	60 ft + (18 m)	60 ft + (18 m)	60 ft + (18 m)
<b>Dimensions (LxWxH)</b>	64 x 32.25 x 53 in (163 x 82 x 134 cm)	64 x 32.25 x 53 in (163 x 82 x 134 cm)	64 x 32.25 x 53 in (163 x 82 x 134 cm)	64 x 32.25 x 53 in (163 x 82 x 134 cm)
<b>Weight</b>	430 lb (195 kg)	430 lb (195 kg)	450 lb (204 kg)	450 lb (204 kg)
<b>Filling Height</b>	45.5 in (116 cm)	45.5 in (116 cm)	45.5 in (116 cm)	45.5 in (116 cm)
<b>Hopper Capacity</b>	32 gal (121.1 l)	32 gal (121.1 l)	32 gal (121.1 l)	32 gal (121.1 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

\*Max output determined by max machine RPM and theoretical rotor/stator pump output with water.

# Ordering Information

## ToughTek MP20 Series Pumps

*Packages include: 100 ft hose (30 m), and required adaptors*

25M060	MP20 bare, 220V, 1-ph, 60Hz	25M061	MP20 bare, 220V, 1-ph, 50Hz
25M160	MP20 pkg, 220V, 1-ph, 60Hz	25M161	MP20 pkg, 220V, 1-ph, 50Hz, 16A

## ToughTek MP40 Series Pumps

*Packages include: 100 ft hose (30 m), and required adaptors*

25M062	MP40 bare, 220V, 3-ph, 60Hz	25M063	MP40 bare, 380V, 3-ph, 50Hz
25M162	MP40 pkg, 220V, 3-ph, 60Hz	25M163	MP40 pkg, 380V, 3-ph, 50Hz

## 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

## 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

## ► Ordering Information

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### Hose/Applicator Kits

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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)

### Applicators

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25M101 Browning Applicator with 25 mm (f) Ludecke Mortar Coupling

### Mortar Coupling Conversion Kits

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17N879 Pump Outlet Ludecke Mortar Coupling kit, 35 mm Ludecke (f) x 1.5 in NPT (f) - fits MP20 and MP40

### Ludecke Mortar Couplings

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*25 mm male and female mortar couplings shown*



17N887 Ludecke Mortar Coupling Reducer, (m-m), 35 mm to 25 mm

17N888 Ludecke Mortar Coupling Reducer, (m-m), 50 mm to 35 mm

17N889 Ludecke Mortar Coupling Adapter, (m-m), 35 mm to 35 mm

17N890 Ludecke Mortar Coupling Reducer, (f-m), 35 mm to 25 mm

17N891 Ludecke Mortar Coupling, 35 mm (f) mortar to 1.5 in BSPP (f)

17N892 Ludecke Mortar Coupling, 50 mm (f) mortar to 2 in BSPP (f)

17N893 Ludecke Mortar Coupling, 25 mm (f) mortar to 1 in BSPP (f)

17N894 Ludecke Mortar Coupling, 35 mm in (f) mortar to 1.25 in BSPP (f)

17N872 Ludecke Mortar Coupling Gasket – 25 mm

17N873 Ludecke Mortar Coupling Gasket – 35 mm

17N874 Ludecke Mortar Coupling Gasket – 50 mm

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

# Ordering Information

## 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),
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
25A228	Sponge Ball for 1.5 in (38 mm) hose, pack of 5	MTA722	Rotor kit – MP40
113397	Sponge Ball for 1 in (25 mm) hose	MTA723	Stator kit – MP40
248515	Sponge Ball for 1 in (25 mm) hose, pack of 5	MTA724	Rotor/Stator Combo kit – MP40
17N886	Rotor/Stator Pump Pressure Test kit – 35 mm Ludecke Mortar Coupling	MTA746	Rotor kit – P30, P30X, P30HT, P30X-HT
MTA701	Rotor kit – P40	MTA747	Stator kit – P30, P30X, P30HT, P30X-HT
MTA702	Stator kit – P40	MTA750	Rotor/Stator Combo kit – P30, P30X, P30HT, P30X-HT

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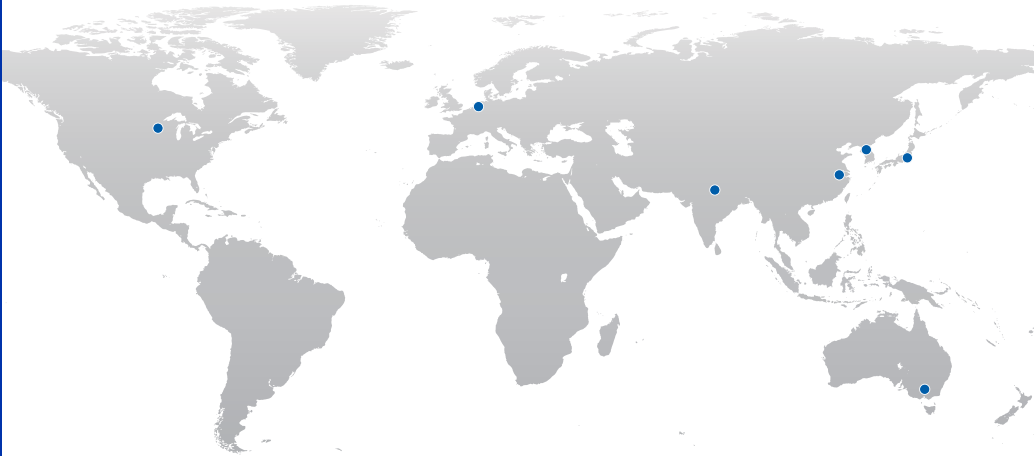
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