



**REPAIR MORTAR INDUSTRY**

## ► Increasing Production While Preserving Quality

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As global infrastructure continues to deteriorate, investments to fix and upgrade these systems have remained the same or seen very little increase. With cities and governments on such a tight budget, it's crucial that your business finds new ways to lower costs while providing a high quality solution in order to remain competitive.

### **Stay ahead of the competition with an easy-to-use pump**

Today, repair mortars are added by hand either by hawk and trowel or by pouring in a form, which is slow, labor intensive, messy, and can cause damage to other parts of the infrastructure. With Graco's ToughTek line, however, mortar can be directly sprayed to the area or pumped into a form that is in a hard-to-pour area.



## ▶ Select the Right Graco Option for Your Business

Graco offers two types of pumps – **piston and rotor stator** – for the application of mortar products. Whether your business does cementitious waterproofing for new construction or rehabilitation, or is repairing mortar on columns and beams in parking decks, bridges and sea walls, now is the time to invest in the right pump to reduce costs while still providing superior quality.

### Piston Pump

Graco's piston pump technology moves material by moving the pump up and down. For the majority of jobs, Graco's piston pump technology meets performance standards and is not only easy to maintain, but works with any 120 volt outlet or compressed air source.



### Rotor Stator Pump

Graco's rotor stator pump technology moves material by rotating the pump in a circular fashion. For larger jobs that require thicker materials, a powerful rotor stator pump will give you the durability and rugged performance needed to get the job done quickly and efficiently.



## ► Repair Mortar Product Line

Select the right pump for your business.

### ToughTek M680a

The ToughTek M680a piston pump handles abrasive materials such as epoxy mortars, non-skid coatings (bridges and marine industry –solvent based coatings) or cementitious materials, and tackles difficult polymers with fillers such as glass flake, silica or sand. The all stainless design makes cleanup of epoxy mortars easy and worry-free.



PISTON PUMP

### ToughTek S340e

Engineered with Graco's proprietary piston pump technology, the ToughTek S340e can easily handle repair mortars with small to medium sized aggregate. The S340e can also deliver all materials through long hose lengths, allowing you to spray farther distances and get the job done sooner.



PISTON PUMP

### ToughTek P30-HT

If you like the compact size of the P20 rotor stator pump, but are looking for more output, the ToughTek P30HT is the perfect fit for your business. Upgrade to this pump if you plan to use epoxy-based mortars (or other thick high-viscosity materials) or plan to spray taller buildings, such as sport stadiums, high-rises, apartment complexes, hospitals or parking garages to name a few.



ROTOR STATOR PUMP

### ToughTek P40

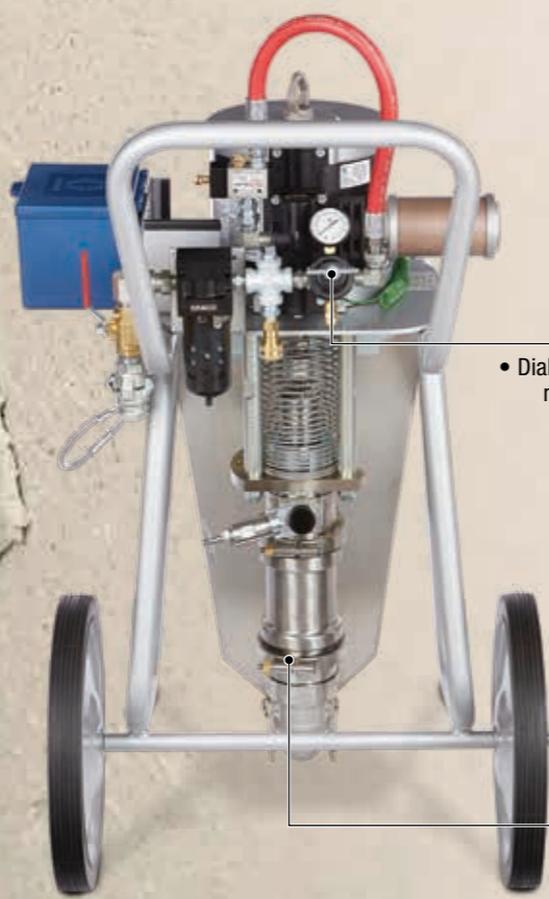
Known as the workhorse because of its 600 psi output pressure, the ToughTek P40 is built for high volume applications. The high flow rate and high pressure allows contractors to pump repair mortar up a tall building while keeping the pump on the ground, saving your operation time.



ROTOR STATOR PUMP

## ► ToughTek M680a Piston Pump

Engineered to withstand the grittiest materials, the ToughTek M680a can handle heavy materials at low pressures by using an applicator to atomize and move material to the substrate. It was also designed with a pneumatic system so you can pipe in air, making it explosion-proof for hazardous areas (CE-approved).



### **Merkur Air Motor**

- Proven performance and reliability
- Operates only on compressed air
- ATEX rated for use in potentially hazardous locations

### **Stainless Steel Hopper**

- Easy to clean and solvent resistant
- 10 gal (38L) capacity

### **Variable Speed**

- Dial in the exact speed needed, from low to high volume output

### **Quick-knockdown Stainless Steel Pump Lower**

- Designed to pump a variety of repair mortar materials
- Fast and easy maintenance

### **Compact and Portable**

- Weighs only 250 lbs
- Easy to move



### **Onboard Tool Box**

- For convenient storage of accessories and spare parts

### **Tool-less Hopper Removal**

- Disconnects in seconds to clean

# ► ToughTek P30HT Rotor Stator Pump

The ToughTek P30HT, along with all of the rotor stator pumps, is engineered with the latest rotor stator pump technology and can handle the heavier repair mortars and non-shrink grouts that need to move through longer distances of hose. This allows you to spray farther distances to get the job done sooner.

## **Variable Frequency Drive**

- Protects your investment – provides auto shutdown in case of power spikes

## **Simple Controls**

- Easy dial control for desired output

## **Feed Grate**

- Impedes entry of large foreign objects to minimize downtime

## **Reversible Drive**

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

## **Wedge Pins**

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

## **Adjustable Stator**

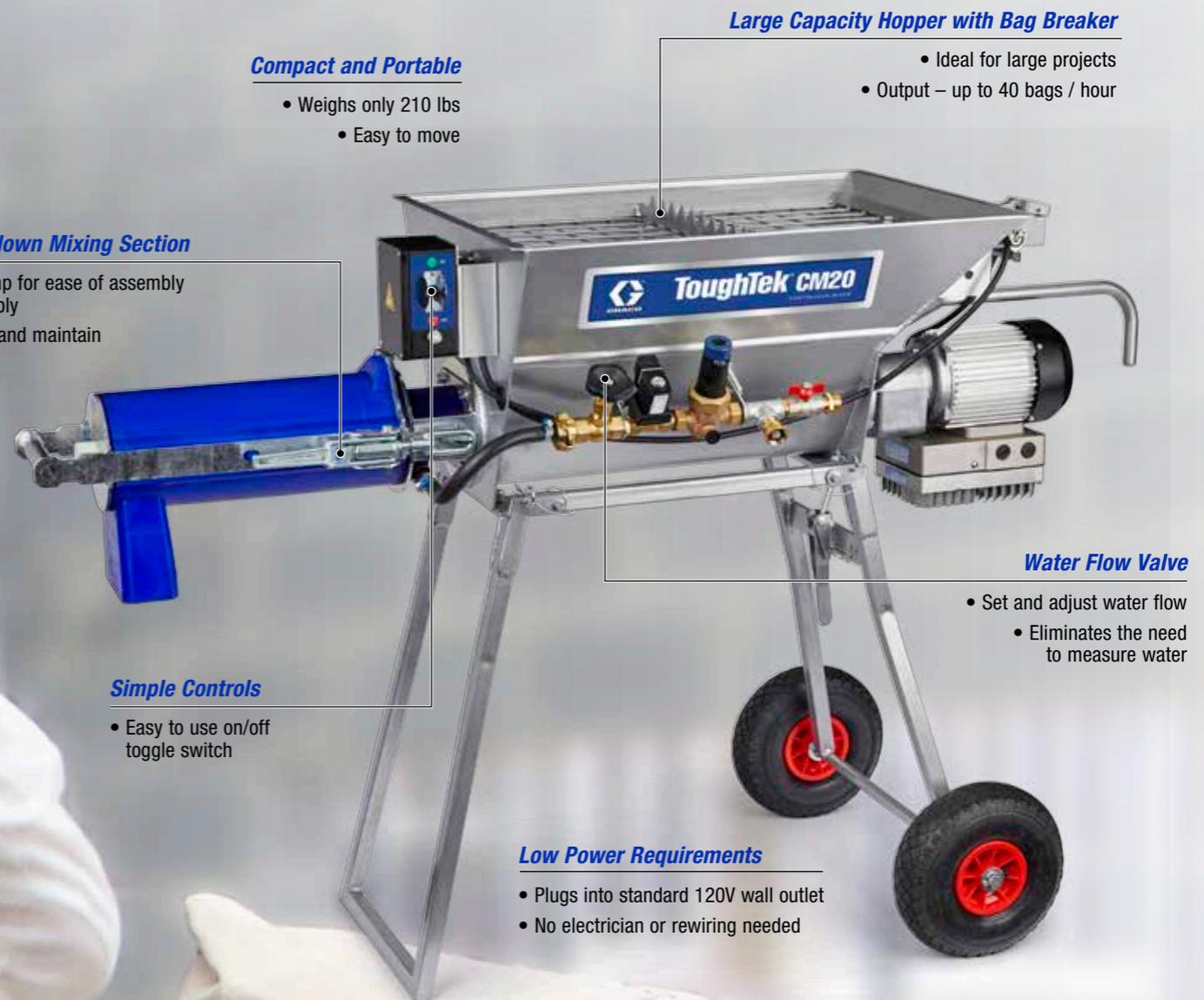
- Extends the life of the stator sleeve
- Adjust output pressure, as desired



## ► Higher Production with a Serious Mixer

With a ToughTek Continuous Mixer, it's easy to improve your crew's production rates by automatically mixing pre-blended mortar products such as EIFS, plaster, stucco, self-leveling underlayments, refractory materials, masonry and grout.

Simply turn the machine on, set the water flow rate for your specific material and break bags of material into the hopper. The system automatically does the rest. A ToughTek Continuous Mixer eliminates the need to manually measure water into the mix, which takes time and doesn't always produce consistent results day to day.



### **Compact and Portable**

- Weighs only 210 lbs
- Easy to move

### **Large Capacity Hopper with Bag Breaker**

- Ideal for large projects
- Output – up to 40 bags / hour

### **Quick-knockdown Mixing Section**

- Tool-less clamp for ease of assembly and disassembly
- Easy to clean and maintain

### **Simple Controls**

- Easy to use on/off toggle switch

### **Water Flow Valve**

- Set and adjust water flow
- Eliminates the need to measure water

### **Low Power Requirements**

- Plugs into standard 120V wall outlet
- No electrician or rewiring needed

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## 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.

➔ **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.