VORTEX

GEOPOLYMER AND MORTAR EQUIPMENT SOLUTIONS

spinMASTER® | sprayMASTER® | trekMASTER™

- **SALES**
- **TRAINING**
- **FINANCING**

QUADEX®
A VORTEX COMPANY
REPAIR MATERIALS

REV. 07-22-2021

Next Generation Manhole and Civil Infrastructure Renewal Systems

Manhole rehabilitation is becoming a science. Gone are the days of rehabilitating a manhole with standard spray equipment and coatings. Your customers are demanding precision application with proven coating to help extend the life of their manholes. Quadex Repair Materials has developed a superior line of equipment and materials to deliver the long-term performance and protection results your customers deserve.

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sprayMASTER®
BY VORTEX

MANHOLE REHABILITATION RIG

sprayMASTER®
BY VORTEX

The sprayMASTER® is a **completely self-contained manhole mortar lining installation system**. The sprayMASTER system comes fully equipped for the precise, low-velocity spray and/or spin-cast application of cementitious and geopolymer mortar manhole lining materials.

KEY FEATURES

- 250-gallon poly lined water tank
- 44 HP Kubota Turbo Diesel Engine/Hydraulic Power Plant
- 29 cfm/90 psi air compressor a
- 20-gallon capacity fuel cell
- 40 psi hydraulically powered water transfer pump
- Fill-Rite water metering system
- Ergonomically positioned control center
- 75-gallon capacity mixer with vertical shaft mixing blade
- Three-stage progressive cavity, material pump and holding hopper
- Center mount material platform; holds 1 pallet of Quadex material
- Compact designed, low-velocity, wet mortar spray nozzle

trekMASTER™
BY VORTEX

FOR EASEMENTS AND LIMITED ACCESS AREAS

trekMASTER™ BY VORTEX

The trekMASTER™ is a r**emote-controlled track mounted mobile grout plant** designed to continuously mix and pump non-shrink grout, repair mortars, and most flowable grouts. Customers have found this unit particularly effective in areas where work is performed along easements or very narrow spaces.

KEY FEATURES

- 45-gallon mixing tank
- 20-gallon holding hopper a progressing cavity grout pump
- Diesel hydraulic power system
- Mixing tank with vertical shaft and horizontal blades
- Slide gate discharge valve to allow fluid and pasty materials to the holding hopper
- Grout pump — 3-stage, size 6, positive displacement delivering 6 GPM, 450 psi
- 27 HP Kubota heavy duty diesel engine
- Tread tracks expand 14” for driving stability
- Fold up deck for driving the track
- 29 CFM, 90 psi air compressor
- 3,500 psi pressure washer
- 85-gallon water tank, and 20 gpm water pump

VORTEX
spinMASTER™
BY VORTEX
MANHOLE
APPLICATION

spinMASTER™
BY VORTEX

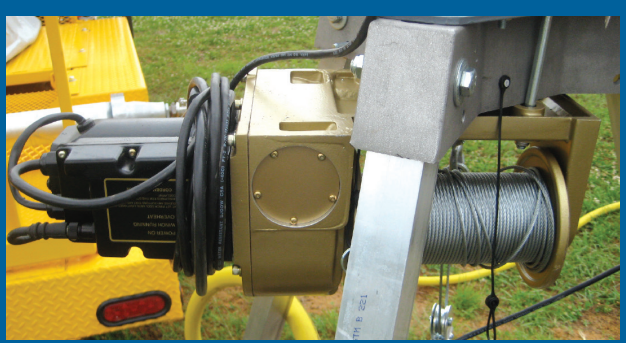
Quadex leads the industry in precision, centrifugal-cast manhole liner system. Designed and developed with direct input from field-experienced manhole applicators, the spinMASTER™ will not only **simplify and speed up the application process**, it will produce a consistently even coating application as well.

KEY FEATURES

- 6-blade spinner head
- 1 hp DC electric motor
- Quick coupling attachment for 1-inch plaster hose
- Outdoor rated electric wiring

spinMASTER™ Power Winch

The spinMASTER power winch features **"continuous ontime" design** which eliminates normal motor breakdown (overheating). The winch can be assembled for either hand control or foot pedal operation to navigate the spinMASTER precision spray head up and down the vertical structure.



KEY FEATURES

- Choice of hand or foot pedal operation
- Heavy duty, 2,500 lb lifting capacity
- Fully sealed and water proof system
- Durable stainless steel cable for long term performance

Equipment Training

Quadex® Repair Materials offers a 3-Day comprehensive training session designed to get you up and running properly on your Quadex sprayMASTER®, spinMASTER™ and trekMASTER™ equipment packages. You will also learn how all Quadex products perform and behave in their own unique way. Contact us about our rates and to schedule your session today!

WHAT YOU WILL LEARN

- Product mixing and handling
- Equipment operation
- Crew member roles
- Scheduling, efficiency and production
- Equipment cleaning and maintenance

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Equipment Financing

Planning on expanding your equipment fleet? Don't let the cost of the investment keep you from expanding your business. We now offer equipment financing, making it more affordable than ever to upgrade your fleet and invest in your business. Ask us for details or go to www.vortexcompanies.com for more information.

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