SOVE *Guncrete* GUNITE MACHINE

Electrically Driven Dry-Mix Shotcrete Machine

SOVE:

SOVE provides a very even flow of material which allows uniform hydration and smooth placment.

The adjustable output of material may be increased without sacrificing the quality of the application.

SOVE uses an electric motor to rotate the machine's material feed bowl. An air compressor is required to convey material from the feedbowl to the nozzle (sold separately).

Standard Features:

- Continuous feed hopper with bag breaker
- 2 blade or 5 blade agitator
- Direct drive 5 horsepower, 3 Phase Cycle Electric Motor to power feed bowl
- 50Hz or 60Hz cycles available
- 220v, 230v, 360v, 440v, 460v, 575v and others available
- Optional hopper safety hood
- Optional ultralight non-stick rotary feed wheel

Applications:

- Concrete Repair
- Refractory Spraying
- Rockscaping
- Slope Stabilization
- Mines
- Tunnels
- Pools and Spas
- Piers
- Sea Walls
- Sewers
- Retaining & Fire Walls
- Dams & Reservoirs
- Sand & Gravel Backfill
- Concrete Pipe
- Ditches

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SOVE CONFIGURATIONS- SMALL Open Vertical-Feed Electric-Powered

#	Feed Bowl Pockets	Hose Size (I.D.)	Maximum Aggregate Size	Air Compressor (Recommended size at 100 psi)	Maximum Output**	Common Applications
1	18	1" (2.5cm)	1/4" (7mm)	210 cfm (6.0m^3/min)	2yd^3/hr (1.5m^3/hr)	Fine, detailed artistic-type work, rockscaping, patch, repair.
2	18	1 1/4" (3.2cm)	1/4" (7mm)	315-375 cfm (9-11m^3/min)	4yd^3/hr (3m^3/hr)	Refractory spraying, repair work, smooth finish
3	16	1 1/4" (3.2cm)	1/4" (7mm)	315-375 cfm (9-11m^3/min)	6yd^3/hr (4.6m^3/hr)	Refractory spraying, repair work, smooth finish
4	16	1 1/2" (3.8cm)	3/8" (10mm)	315-375 cfm (9-11m^3/min)	9yd^3/hr (6.9m^3/hr)	Refractory spraying, repair work, smooth finish

* Additional air may be required depending on altitude and atmospheric pressure.
**Feed Bowl, material, air system, nozzleman capability together determine maximum output.
Specifications subject to change without prior notice.

MODEL		SOVE
Maximum Horizontal Conveying Distance	ft	1000+
	m	305+
Maximum Vertical Conveying Distance	ft	300+
	m	91+
Hopper		Continuous Feed, Flat Refractory-style
Gross Weight (Approx.)	lbs	480
	kg	218

* Additional air may be required depending on altitude and atmospheric pressure.
**Feed Bowl, material, air system, nozzleman capability together determine maximum output.
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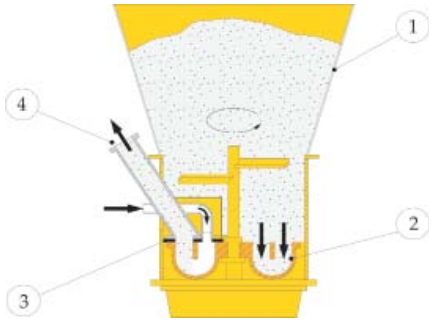

Operating Principle:

REED's dry mix gun has been using the same basic operating principle for over 50 years.

1. The dry mix is fed through a hopper into the pockets of the rotary feed wheel.
2. The rotary feed wheel, driven by a heavy-duty oil bath gear drive, rotates the mix under the conveying air inlet and material outlet.
3. With the introduction of single source compressed air, the mix is evacuated from the feed wheel pockets and then travels through the outlet.
4. The dry mix is then conveyed in suspension through the dry mix hose to the shotcrete nozzle where water is introduced.

Optional Skid Mounting is available upon request

Distributed By:

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13822 Oaks Avenue • Chino, California 91710-7008 USA • 909-287-2100
Fax: 909-287-2140 • Toll-free: 888-779-7333 • www.reedpumps.com