

SOVA Gunite Machine

- Provides a very even flow of material which allows uniform hydration and smooth placement.
- Adjustable output of material may be increased without sacrificing the quality of the application.
- The compact SOVA is capable of spraying through hoses from 1" to 1 ½" (25-38mm) inside diameter.
- Reed's SOVA Dry Mix Gun has the same basic operating principle that has made its LOVA style gun so successful through the world:
 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 safety lid available for new or retrofit to Reed Lova & Sova machines (and any other dry gunning machine). A cam operated control valve system is used to stop the operation of the machine once the lid is opened. This control system only stops the rotational motor controlling the feed bowl and the internal agitator. It does not stop the flow of material going through the delivery line as this would create a blockage.



STANDARD FEATURES

- Oversized water separator
- Continuous feed hopper with bag breaker
- Material Agitator
- Screen and direct drive 5 hp, 8 AM, air motor
- Optional dust suppression system
- Optional hopper safety hood

APPLICATIONS

- Concrete repair
- Refractory spraying
- Rockscaping
- Slope stabilisation
- Tunnels & mines
- Pools & spas
- Sewers
- Retaining & Fire walls
- Dams & Reservoirs
- Concrete Pipe

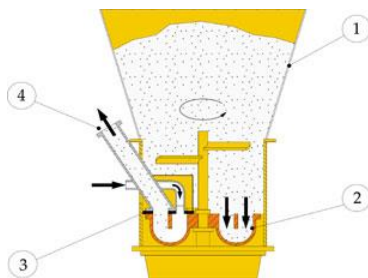
SOVA Guniting Machine (Small Open Vertical-Feed Air-Powered)

| Feed Bowl Pockets | Hose Size (I.D.) | Maximum Aggregate Size | Air Compressor (Recommended Size at 100psi) | Maximum Output ** | Common Applications |
|-------------------|------------------|------------------------|---|-------------------|---|
| 18 | 1" / 2.5cm | ¼" / 7mm | 210cfm (6.0m³/min) | 1.5m³/hr | Fine, detailed artistic type work, rockscaping, patch, repair |
| 18 | 1 ¼" / 3.2cm | ¼" / 7mm | 315-375cfm (9-11m³/min) | 3m³/hr | Refractory spraying, repair work, smooth finish |
| 16 | 1 ¼" / 3.2cm | ¼" / 7mm | 315-375cfm (9-11m³/min) | 4.6m³/hr | Refractory spraying, repair work, smooth finish |
| 16 | 1 ½" / 3.8cm | ⅜" / 10mm | 315-375cfm (9-11m³/min) | 6.9m³/hr | Refractory spraying, repair work, smooth finish |

** Feed Bowl, material, air system, nozzleman capability together determine maximum output. Maximum theoretical performance shown. Performance will vary depending on slump, mix design and delivery line diameter. Specifications subject to change without prior notice.

| MODEL | | SOVA | |
|---------------------------------------|---|------|--|
| Maximum Horizontal Conveying Distance | m | 305 | |
| Maximum Vertical Conveying Distance | m | 91 | |
| Drive System | 5 hp, 8AM Rotary Vane Motor, Sealed Spur Gear | | |
| Hopper | Continuous Feed | | |
| Gross Weight (approx.) | kg | 193 | |

How it works



1. The dry mix is fed through a hopper into the pockets of the rotary feed wheel.
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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.