

LZ-3ER/SC Dry mix refractory gunning machine

More Powerful, Compact and Reliable

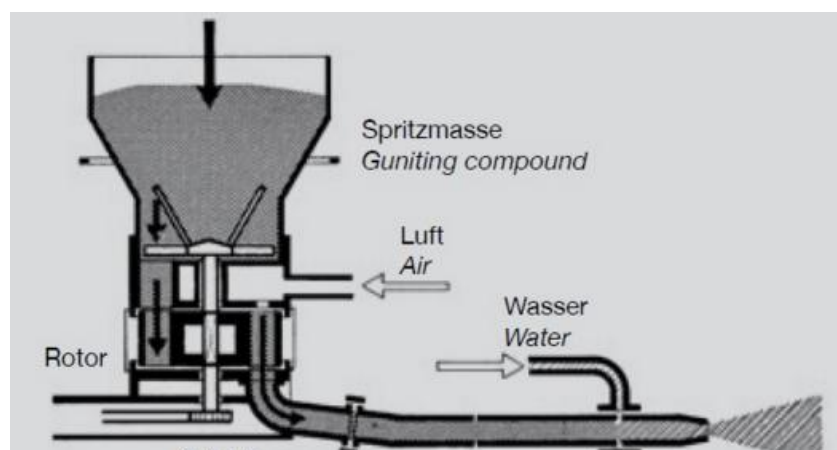
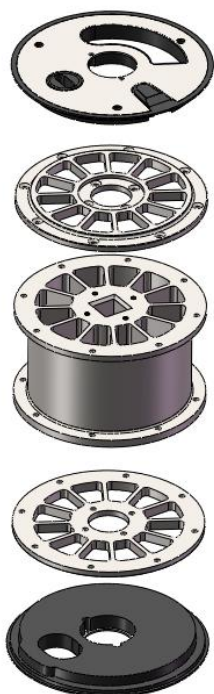
1. Description

LZ-3ER/SC is specifically designed for refractory dry-mix shotcrete applications, based on the rotor principle. Its well-proven design makes it extremely robust, easy to set up, simple to operate, most economical, and a safe gunning machine. Various configurations make it the machine of choice for small-to-medium applications.

With this LZ-3ER/SC Dry mix refractory gunning machine, you can get low dust and high performance spraying flow in the nozzle.

2. Features

◆ Straight chamber rotor type refractory gunning machine



◆ **Variable output with a variable-frequency drive to get precise material output control**

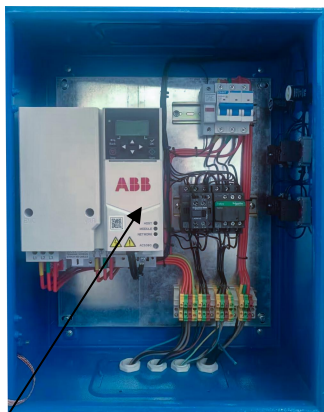


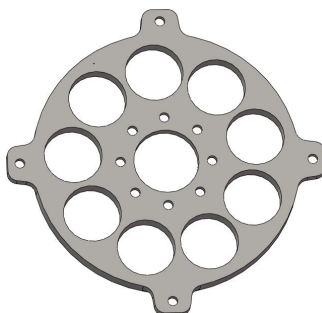
ABB variable-frequency drive



◆ **Different rotor body and steel rotor plate for option**



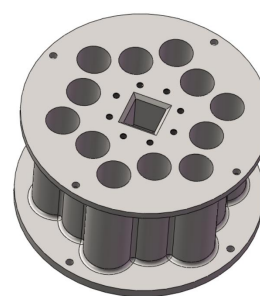
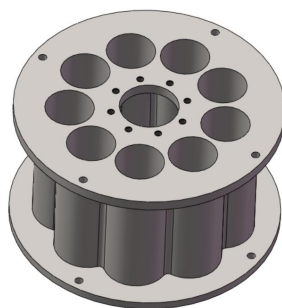
Sector Holes



10 Round Holes



12 Round Holes



◆ **Single bolt clamping system**

Special self-leveling, single bolt clamping system for uniform pressure to all sealing surfaces



◆ **High hopper with electric vibrator**

High hopper with electric vibrator, high excitation force, easy to feed materials



◆ **Dust protective cover**



Dust protective cover reduces the dust during the operation of the machine

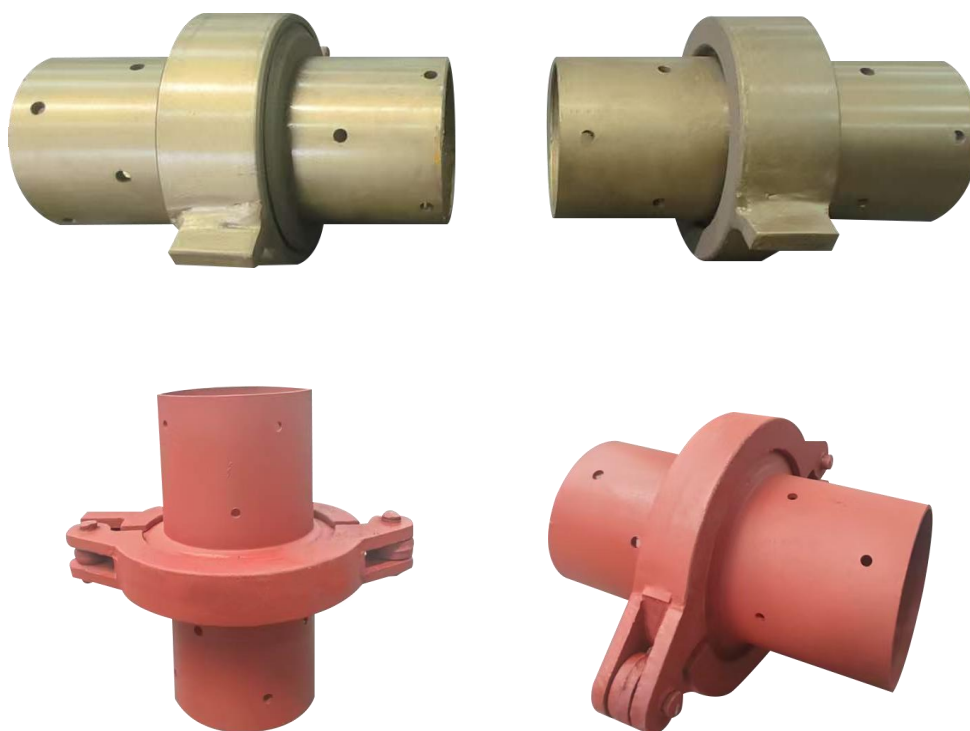
◆ **Heavy-duty solid wheels**



Heavy-duty solid wheels

◆ **Coupling and clamp**

Two kinds of different couplings and clamps are optional as below:



◆ **Different lightweight pre-dampening nozzle assembly for the option**

1. Low rebound, low dust.
2. Reduce the amount of water added.
3. Improve refractory compactness and strength.

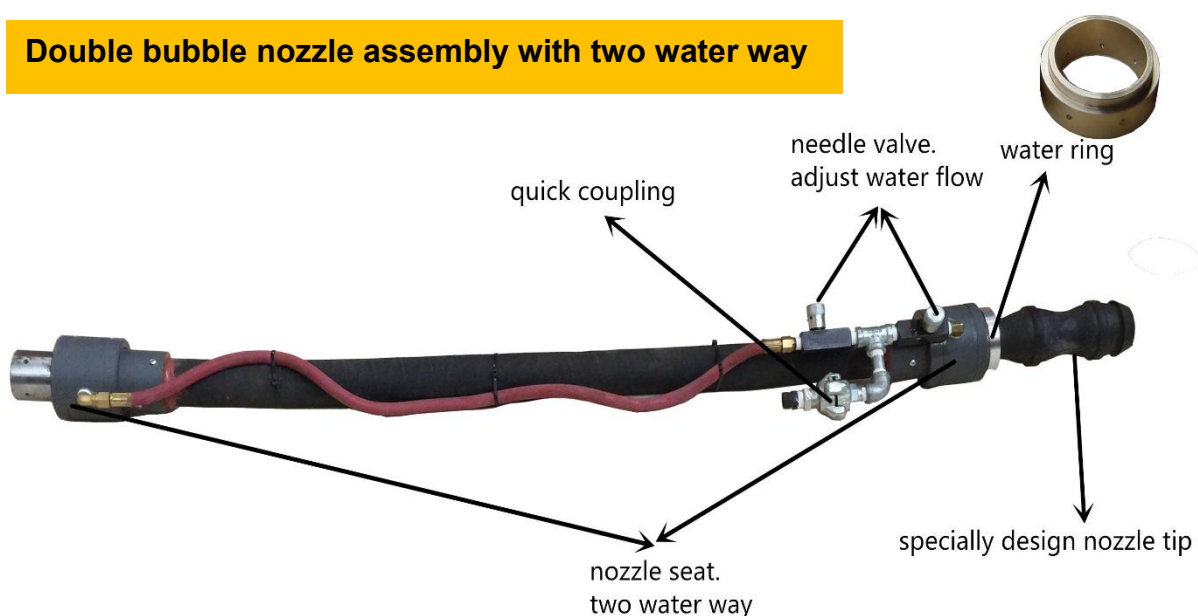
Torpedo nozzle assembly with two water way



Torpedo nozzle assembly with single water way, lighter



Double bubble nozzle assembly with two water way

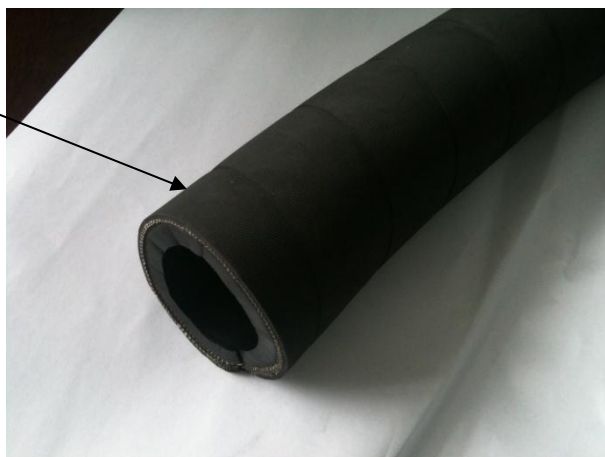


LZ-3ER/SC Dry mix refractory gunning machine spraying effect:

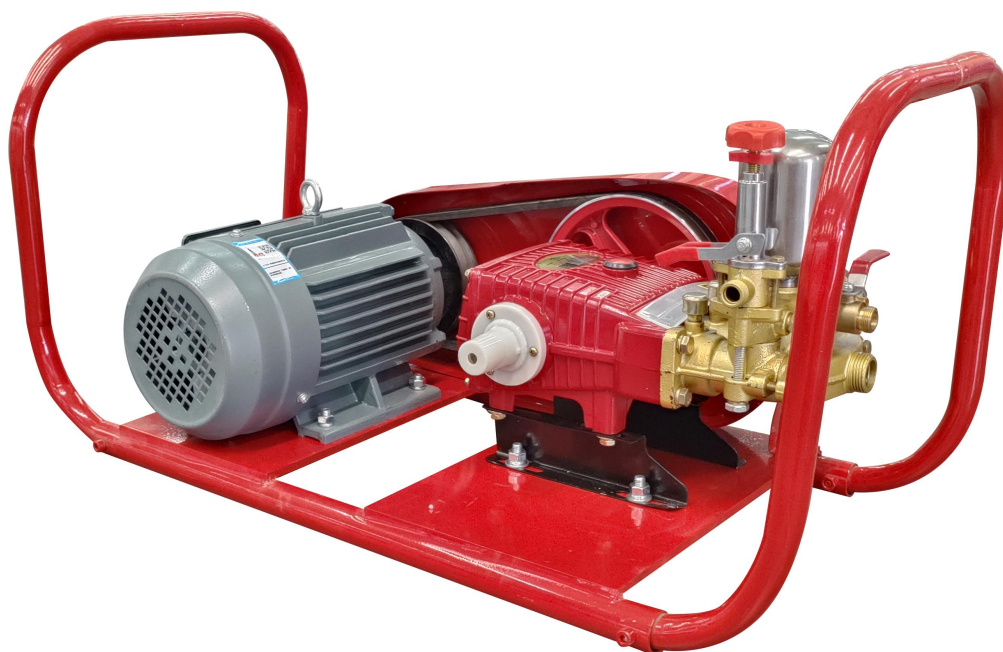


◆ **Blast rubber hose**

Premium Grade Blast hose ID38mm



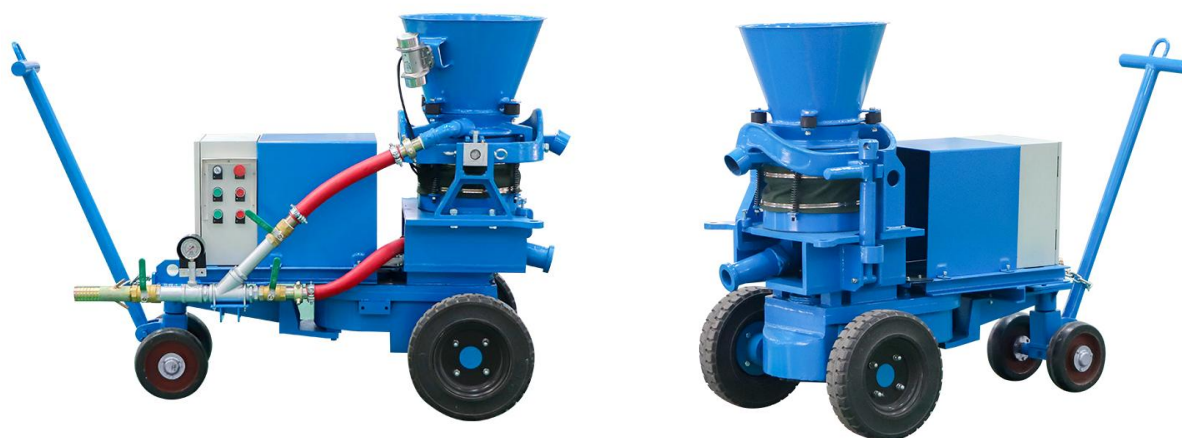
◆ **High pressure water pump, 30bar pressure, make sure to add water fully atomize, mix evenly**



3. Technology Sheet

Model	LZ-3ER/SC
Rated Output	0~3m ³ /h (0~6tons)
Max. Horizontal Conveying Distance	200m
Max. Aggregate Size	Φ10 mm
Conveying Hose Inner Diameter	38mm
Operating Air Pressure	0.2-0.4MPa
Air Consumption	5~6m ³ /min
Motor Power	4kw
Voltage	3 phase, 380V, 50Hz
Material Charging Height	1.2m
Rotor Speed	0-13.2r/min
Overall Dimension	1680×770×1240mm
Weight	530kg

4. Machine Pictures Gallery



5. Dimension

