

# LEC REFRACTORY GUNITE MACHINE

## 耐火材料干喷机

Powerful, Compact and Reliable/结构紧凑、工作可靠

### 1. Description/描述

LZ-3ER is specifically designed for refractory dry-mix shotcrete applications. With this LZ-3ER, you can get low dust and high performance spraying flow in nozzle.

LZ-3ER 专门用作耐火材料干喷。本机用于耐火材料干喷时，低反弹，低粉尘，喷头处更高效。

### 2. Features/主要技术特点

- ◆ Variable Output with variable-frequency drive /变频器无级调速



ABB variable-frequency drive/变频调速



Control Box/控制箱

◆ Bag Cutter and Flat Hopper with Vibrator/割包器、平振动料斗

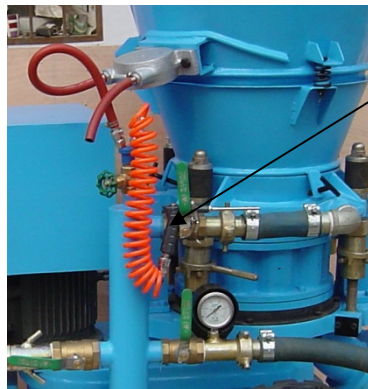


◆ Collect Dust Bag/收尘袋



Collect Dust Bag/收尘袋

◆ Clean Dust Gun/手持吹尘器



Clean Dust Gun/手持式吹尘器

◆ Heavy-duty Solid Wheels/实心轮



实心轮/Heavy-duty Solid Wheels

◆ Coupling and clamp/快换接头、卡子

The Coupling and Clamp made of Aluminum with light weight, compact size and resisting rust.

铝接头、卡子，重量轻、结构紧凑、防止生锈



◆ Blast Rubber Hose/耐磨喷砂管

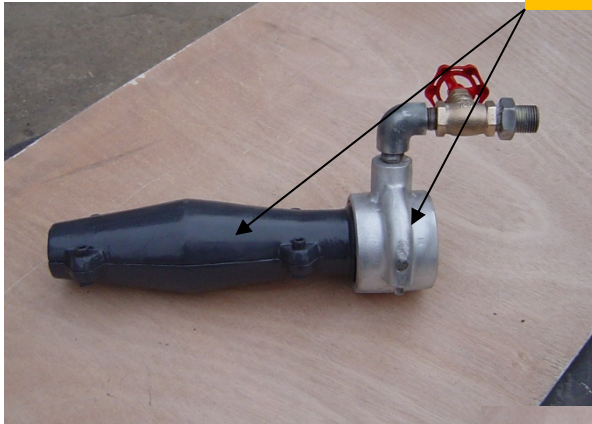


Premium Grade Blast hose/耐磨喷砂管

◆ Light weight Nozzle/专用喷头

Aluminum Nozzle Body and House

铝喷头体、喷头座



Water ring/铜水环

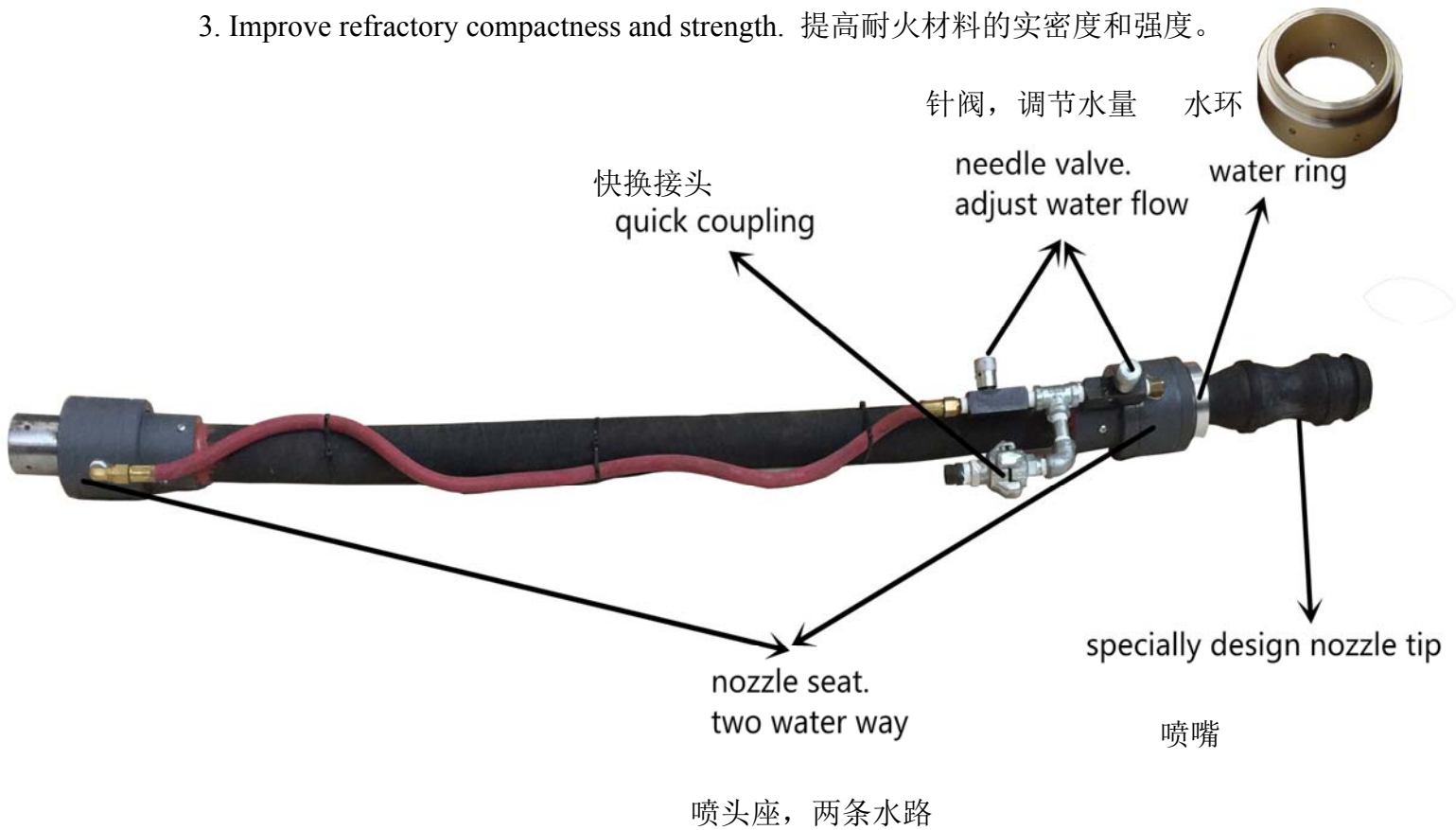


Rubber liner/橡胶耐磨内衬

**New!!! Pre-dampening Nozzle!**

**新品!!! 预湿喷头!**

1. Low rebound, low dust. 低反弹，少粉尘。
2. Reduce additive water amount. 减少加水量。
3. Improve refractory compactness and strength. 提高耐火材料的实密度和强度。



### 3. Technology Sheet/技术参数

<b>Specification:</b>	
Rated Output/额定出料量	1-3m <sup>3</sup> /h (2-6 ton/h)
Max. Horizontal Conveying Distance/最大水平输送距离	200m
Max. Aggregate Size/最大骨料粒径	Φ10 mm
Conveying Hose Inner Diameter/输送管内径	38mm
Operating air Pressure/工作风压	0.2-0.4MPa(29-58PSI)
Air Consumption/耗气量	5~6m <sup>3</sup> /min(electric motor drive) 10-11m <sup>3</sup> /min(air motor drive)
Engine/引擎	4kw(electric motor 3 phase380V50Hz) 4kw (air motor)
Material Charging Height/上料高度	1.1m
Rotor Speed/转子转速	13.2r/min
Overall Dimension(L×W×H) /外形尺寸	1.13×0.54×1.1m
Weight/重量	430kg

#### 4. Machine Pictures Gallery/机器照片



**Optional model: Air motor drive LZ-3AR****可选型号：风动 LZ-3AR****5 cylinders piston air motor, more powerful! 五缸活塞风马达，更强效！**



YouTube link: <https://youtu.be/OCmtPCUXC2U>

## **5. Refractory gunning test/耐火材料喷涂试机**

**Less dust, Less rebound! Refractory more compact and strong!**



**Water pump:**

水泵:



Plunger no.*dia.*stroke/柱塞数*直径*行程(mm)	3*22*16
Plunger length/柱塞长度(mm)	129
Spraying pressure/喷雾压力(kg/cm <sup>2</sup> )	20-40
Suction 吸水量/(L/min)	18-22
Speed/转速(R.P.M.)	500-1000
Power/配套动力(HP)	>2.5
Weight/重量(kg)	9.2
Dimension/尺寸(cm)	37*28*30

**A complete set of LZ-3ER refractory gunning machine:**

一套耐火材料干喷机所含配件:

No.	Description	Qty.	Unit	Remarks
1	LZ-3ER Main Machine/主机	1	set	
2	Nozzle Assy./喷头总成	1	set	Lightweight nozzle
3	Conveying Hose, ID38mm, 50ft.Length/ 输送管	1	piece	
4	Water hose with hose hoop/水管带管箍	1	piece	
5	Rubber Hose Joint(long)/长胶管接头	1	piece	Fitting
6	Rubber Hose Joint(short)/短胶管接头	2	piece	Fitting
7	Quick Coupling/快速接头卡	3	piece	
8	Upper Sealing Plate/上密封板	1	piece	
9	Lower Sealing Plate/下密封板	1	piece	
10	Water pump/水泵	1	set	

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