



PZ

Series Shotcrete Guniting Machine
PZ系列喷浆机



产品简介

Brief Introduction

PZ series shotcrete guniting machines are widely used in underground engineering, roadway, mining, tunnels, culverts, etc. PZ series shotcrete guniting machine uses compressed air to convey the concrete along the pipeline continuously and then sprayed the material to the construction machinery. PZ series shotcrete guniting machine mainly consists of driving device, the rotor assembly, air duct systems, injection systems, electrical control box and other components.

PZ系列喷浆机广泛用于工程建筑、矿山、隧道、涵洞、地铁、水电工程、地下工程及煤炭高沼矿井巷道喷射混凝土施工作业。PZ系列喷浆机由传动装置、转子装配、风道系统、喷射系统、电气控制箱和其他部分组成。

技术特点

Technical Features

- Through type rotary, non-sticky, unobstructed discharge, high efficiency and time-saving'
- Four-point clamping device makes it easy to adjust the press between sealing plate and rotor disk so as to reduce air and dust leak.
- Using low-tension, high-speed vortex pneumatic transportation, so the spraying flow is even, continuous and steady. It's good to improve the shotcrete quality.
- The new nozzle, discharge elbow device, improving spray deposition effect, less resilient, high quality shotcrete.

- 直通转子式不粘结料腔，出料通畅，高效省时。
- 四点弹性补偿压紧，密封效果好，机旁粉尘少，易损件寿命长。
- 采用低压高速涡旋气流输送，克服物料输送中粘结、堵管和吸料中离析等问题，料流均匀，连续稳定。
- 新型喷头，出料弯头装置，改善喷射效果，回弹少，喷层质量高。



Main Configuration and Parameters

主要配置与参数

序号 No	型号Model	喷射能力 Output (m³)	最大传输距离 Max. convey dist	水灰比 Water cement ratio	最大骨料粒径 Aggregate Size	输送管内径 Pipe diameter	工作压力 Operating air pressure	耗风量 Air consumption (m³)	驱动功率 Motor Power
1	PZ-5喷浆机	5.5/h	200m	< 0.4	15mm	φ50mm	0.2-0.6MPa	7-8/min	5.5KW(7.5HP)
2	PZ-5B (anti-explosion防爆喷浆机)	5.5/h	200m	< 0.4	15mm	φ50mm	0.2-0.6MPa	7-8/min	5.5KW(7.5HP)
3	PZ-7(喷浆机)	7/h	≤ 200m	< 0.4	20mm	φ50mm	0.4-0.6Mpa	8-10/min	7.5KW
4	PZ-7B(mining矿用喷浆机)	7-8/h	240m	0.35	20mm	Φ63mm	0.4MPa	12/min	9KW
5	PZ-9喷浆机	9/h	150m	≤0.35	20mm	Φ64mm	0.2-0.6MPa	9-10/min	7.5KW(10HP)