

卓越设计 精良制造

瑞申机器
RISEN



瑞申PZS3000型混凝土湿喷机

RISEN PZS3000 wet-mix shotcrete machine

应用领域
APPLICATIONS

- 公(铁)路隧道、水利涵洞、矿山井巷、城市地铁等喷射混凝土支护。
- 岩石、砂砾等无土坡面或无有机质土壤表面客土喷播绿化。
- 各类工业炉窑、炉衬的耐火材料喷涂成型或修补。

Applications

- Shotcrete/concrete spraying/gunite for tunnels, hydro-power engineering, mines, underground engineering, civil engineering and slope stabilization, etc.
- Artificial soil seeding for no soil surface, such as rock, sand, and for no fertility soil surface.
- Refractory material spraying and repair for industrial kilns or kilns's inner liner.

技术参数
TECHNICAL DATA

生产能力	5m ³ /h	Output
最大输送距离	35m	Max.convey dist.
适用骨料最大粒径	Φ15mm	Max.aggregate size
适用混凝土坍落度	8~15cm	Concrete slump
输料管内径	Φ50/65mm	Hose inner size
工作风压	0.2~0.6MPa	Operating air pressure
耗风量	9~10m ³ /min	Air consumption
上料高度	1.17m	Discharge height
转子转速	11r/min	Rotor Rev.
主电机功率	7.5kW	Main electric motor power
速凝剂泵型号	BRJ15	Dosing pump model
速凝剂泵额定压力	0.6MPa	Dosing pump rated pressure
速凝剂泵排量	17.5~88L/h	Dosing pump output
外型尺寸 (长×宽×高)	2050×950×1180mm	Overall dimension
整机重量	1200Kg	Weight

机器特征

FEATURES

瑞申PZS3000型湿喷机是在目前工程中使用的湿喷机的基础上加以改进的新型湿喷机它具有现有机型的优点:

- △ 强力振动下料到直通料腔, 使下料顺畅。
- △ 软管式计量泵添加速凝剂, 使速凝剂添加更可靠。
- △ 纯风力输送, 即可湿喷, 又可干喷。
- △ 低压工作, 可以添加各类纤维喷射作业。

同时由于采用合理的四点压紧方式又有新的优势:

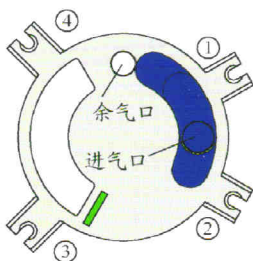
- △ 高压区处两压紧点1、2相对高压区对称布置, 使密封效果好、压紧力减小。
- △ 良好的密封使下料口排气顺畅, 下料更快, 出料均匀。
- △ 压紧力的减小, 使钢衬板和橡胶密封板磨损更慢。
- △ 压紧点3距上密封板钢插筋更近, 有利于阻止砂石料进入摩擦面, 减缓钢衬板和橡胶密封板的磨料磨损。

The RISEN PZS3000 wet-mix shotcrete machine is the machine you have been waiting for! It is an improved and updated version of the old wet-mix shotcrete machine widely used by many contractors. And it incorporates the advantages of the old version wet-mix shotcrete machine as followings:

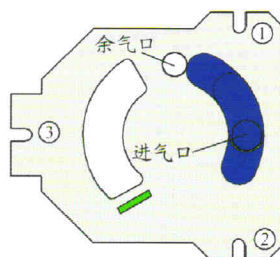
- Going-through rotor and forced vibrating hopper make mixture smoothly falling.
- Hose dosing pump unit provides constant dosing.
- Thin flow conveying method, used for wet-mix and dry-mix shotcrete.
- Reinforced Shotcrete/concrete spraying with steel or various polymer fibre.

Innovative and reasonable four-point clamping device make RISEN PZS3000 wet-mix shotcrete machine to hold the unique technical advantages as followings:

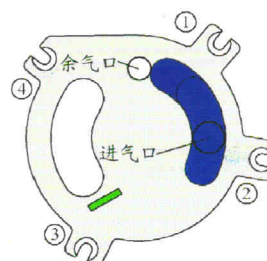
- Two clamping points, no.1 and 2, are symmetrically arranged in high air pressure sealing area so that the no air is leaking with a smaller clamping force.
- The smaller clamping force also make sealing plate and rotor disk duration.
- The clamping point, no.3, is arranged and near the reinforced bar of upper sealing plate, so the mixture is stopped from the sealing surface between sealing plate and rotor disk, which also can make these parts duration.



老式四点压紧方式
Old four-point
clamping drawing



三点压紧方式
Three-point
clamping drawing



合理的四点压紧方式
Innovative and reasonable
four-point clamping drawing

上密封板钢插筋
Reinforced bar of
upper sealing plate
压力空气高压区
High air pressure
sealing area



TO

RISEN

先进技术 真诚服务

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