



GZ-5 Dry-mix Shotcrete Machine

GZ-5 shotcrete machine description:

GZ-5 shotcrete machine is medium-sized shotcrete machine for the processing of dry mix. And it is widely used by so many contractors. GZ-5 shotcrete machine can be used for tunneling, mining operations, hydropower projects and hillside protection, etc.

GZ-5 shotcrete machine features:

1. WEG motor for choose, support global service;
2. High quality, reliable performance;
3. Good seal performance, little dust.
4. Reasonable design, convenient to move.
5. Convenient operation and longevity of service.
6. Non-adhesion going-through rotor with new material chamber, completely eliminate bonding and blocking during operation so as to reduce clearance and maintenance period.
7. Thin flow conveying method with vortex flow, so the spraying flow is even, continuous and steady, to improve the shotcrete quality.
8. Four-point clamping device make it easy to adjust the press between sealing plate and rotor disk so as to no air and dusk leak and prolong consumption parts life.
9. Widely used in mining, tunnel, culvert, revetment etc.



GZ-5 shotcrete machine main technical data:**Electric motor drive:**

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|------------------------------------|---|
| Rated Output | 5m ³ /h |
| Max. Horizontal Conveying Distance | 200m |
| Suitable Mix Ratio(Cement/Sand) | ≤ 1.3~5 |
| Water Cement Ratio | < 0.4 |
| Max. Aggregate Size | Φ 15 mm |
| Conveying Hose Inner Diameter | Φ51mm |
| Operating air Pressure | 0.2-0.4MPa(29-58PSI) |
| Air Consumption | 8~9m ³ /min(285-325CFM) |
| Motor Power | 5.5kW(7.5hp) WEG motor for choose |
| Voltage | 220V, 380V, 440V, 660V, 50Hz/60Hz |
| Material Charging Height | 1.1m |
| Rotor Speed | 11r/min |
| Overall Dimension(Lx Wx H) | 1.35x 0.75x 1.2m |
| Net Weight | 720kg |

**Air motor drive:**

| | |
|------------------------------------|--------------------------|
| Output Capacity | 2.5-5.5m ³ /h |
| Max. Horizontal Conveying Distance | 200m |
| Suitable Mix Ratio(Cement/Sand) | ≤1.3~5 |
| Max. Aggregate Size | Φ15 mm |
| Conveying Hose Inner Diameter | Φ51 mm |
| Conveying Pressure | 0.2-0.4MPa |

| | |
|--|------------------------|
| Air Consumption for conveying material | 7~8m ³ /min |
| Air Motor Air Pressure | 0.5MPa |
| Material Charging Height | 1.1m |
| Rotor Speed | 11rpm |
| Air Motor Type | TMH6A |
| Air Motor Air Consumption | 7.5m ³ /min |
| Overall Dimension(Lx Wx H) | 1.35x0.75x1.2m |
| Net Weight | 720kg |

**Diesel drive:**

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|------------------------------------|------------------------------|
| Output Capacity | 3-5.5m ³ /h |
| Max. Horizontal Conveying Distance | 200m |
| Suitable Mix Ratio(Cement/Sand) | ≤1:4~5 |
| Water cement ratio | <0.4 |
| Max. Aggregate Size | Dia.15 mm |
| Conveying Hose Inner Diameter | Dia.51 mm |
| Operating air Pressure | 0.2-0.4MPa(29-58PSI) |
| Air Consumption | 9m ³ /min(325CFM) |
| Material Charging Height | 1.1m |
| Rotor Speed | 11r/min |
| Diesel Type | CF1105M |
| Power | 13kw/18hp |
| Overall Dimension(Lx Wx H) | 2.2x0.96x1.2m |
| Net Weight | 850kg |

**With Variable gearbox:**

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|---|------------------------|
| Output Capacity | 1-5m ³ /h |
| Max. horizontal conveying distance | 200m |
| Suitable mix ratio (cement/sand) | ≤1:4-5 |
| Max. aggregate size | 15mm |
| conveying hose inner diameter | 51mm |
| Conveying pressure | 0.2-0.4MPa |
| Air consumption | 7-8m ³ /min |
| Material charging height | 1.1m |
| Rotor speed | 2.2-11r/min |
| Electric motor type | Y132M-4 |
| power | 7.5kW/10hp |
| Overall dimension (length×width×height) | 1.42×0.75×1.2m |
| Net weight | 750kg |



Picture: Certifications



Spare parts



Application



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