

# GZ-7 Dry Mix Concrete Shotcrete Machine



### **Description:**

GZ-7 dry mix concrete shotcrete machine is a universal medium-sized shotcrete machine for the processing of dry, and has been using for tunneling, mining, hydropower projects, underground, etc.

GZ-7 dry mix concrete shotcrete machine is available in following versions:

Air motor driver or diesel drive combined with skid or rail-wheel.

Basic: Electric drive can be combined with tyre chassis.

Extended (optional): Electric motor drive with variable speed gearbox, air motor drive or diesel drive combined with Skid or Rail-wheel.

### **GZ-7 dry concrete shotcrete machine features:**

1. Thin flow conveying method with vortex flow, so the spraying flow is even, continuous and steady, to improve the shotcrete quality.
2. 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 working life.
3. Non-adhesion going-through rotor with new material chamber, completely eliminate bonding and blocking during operation so as to reduce clearance and maintenance period.

### **Technology Sheet:**

| <b>Specification (with Electric motor drive):</b> |                          |
|---|--------------------------|
| Rated Output                                      | 7m <sup>3</sup> /h       |
| Max. Horizontal Conveying Distance                | 200m                     |
| Max. Aggregate Size                               | 20mm                     |
| Conveying Hose Inner Diameter                     | 57/64mm                  |
| Operating air Pressure                            | 0.2-0.4MPa               |
| Air Consumption                                   | 12~15m <sup>3</sup> /min |
| Motor Power                                       | 7.5kW                    |
| Voltage   | 3 phase, 380V, 50Hz      |
| Overall Dimension(LxWxH)                          | 1550x760x1200mm          |
| Weight  | 730kg                    |

| <b>Specification (with air motor drive):</b> |                          |
|--|--------------------------|
| Rated Output                                 | 5-7m <sup>3</sup> /h     |
| Max. Horizontal Conveying Distance           | 200m                     |
| Max. Aggregate Size                          | 20mm                     |
| Conveying Hose Inner Diameter                | 57/64mm                  |
| Operating air Pressure                       | 0.2-0.4MPa               |
| Air Consumption                              | 12+10m <sup>3</sup> /min |
| Air Motor Power                              | 8kW                      |
| The work air pressure of air motor           | 0.5MPa                   |
| Overall Dimension(LxWxH)                     | 1550x800x1150mm          |
| Weight                                       | 760kg                    |

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