



GZ-3 Dry-mix Shotcrete Machine

1. GZ-3 shotcrete machine description:

GZ-3 Shotcrete machine/Gunite machine /Concrete Spraying Machine is small-sized shotcrete machine for the dry spraying process.

GZ-3 shotcrete machine can be used as well for small jobs, such as joint filling, swimming pool, refractory application and extensive slope consolidation work, etc.

GZ-3 shotcrete machine is available in following versions:

Basic: electric drive can be combined with tyre chassis

Extended (optional): air motor or diesel drive combined skid or rail-wheel

2. GZ-3 shotcrete machine technical parameters:

Electric Motor Driven

Output Capacity	3m ³ /h
Max. Horizontal Conveying Distance	200m
Suitable Mix Ratio(Cement/Sand)	≤1:3~5
Max. Aggregate Size	Φ10 mm
Conveying Hose Inner Diameter	Φ38/Φ50mm
Conveying Pressure	0.2-0.4MPa(29-58PSI)
Air Consumption for conveying material	5~6m ³ /min(180-215CFM)
Material Charging Height	0.9m
Rotor Speed	14r/min
Motor Power	3kW(4hp),IP55
Available Voltage	220V,380V,440V,660V 50Hz/60Hz
Overall Dimension(length×width×height)	1.13×0.54×1.02m
Net Weight	430kg

Air Motor Driven

Output Capacity	1.5-3m ³ /h
Max. Horizontal Conveying Distance	200m
Suitable Mix Ratio(Cement/Sand)	≤1:3~5
Max. Aggregate Size	Φ10 mm
Conveying Hose Inner Diameter	Φ50mm
Conveying Pressure	0.2-0.4MPa(29-58PSI)
Air Consumption for conveying material	5~6m ³ /min(180-215CFM)
Air Motor Air Pressure	0.5MPa(71PSI)
Material Charging Height	0.9m

Rotor Speed	14r/min
Air Motor Type	TMH3.2
Air Motor Air Consumption	4.8m ³ /min(171CFM)
Overall Dimension(length×width×height)	1.13×0.54×1.02m
Net Weight	430kg(947lbs)

Diesel driven:

Rated Output	2-3m ³ /h
Max. Horizontal Conveying Distance	200m
Suitable Mix Ratio(Cement/Sand)	≤ 1: 3~5
Max. Aggregate Size	Φ 10 mm
Conveying Hose Inner Diameter	38/51mm
Operating air Pressure	0.2-0.4MPa(29-58PSI)
Air Consumption	5~6m ³ /min(180-215CFM)
Diesel Engine	10hp,2200rpm
Diesel Engine Starting	Electric start
Clutch Type in Diesel Engine	Automatic Clutch
Material Charging Height	0.9m
Rotor Speed	9-13r/min
Overall Dimension(L× W× H)	1.8× 0.8× 1.2m
Net Weight	480kg

Certificate:

CE AND ISO9001-2008



A complete set of GZ-3 shotcrete machine:

No.	Description	Quantity	Unit	Remarks
1	GZ-3 Main Machine	1	set	
2	Nozzle Assy.	1	set	
3	Conveying Hose, ID38mm, 50ft.Length	1	piece	
4	Water hose with hose hoop	1	piece	
5	Rubber Hose Joint(long)	1	piece	Fitting
6	Rubber Hose Joint(short)	2	piece	Fitting
7	Quick Coupling	3	piece	
8	Upper Sealing Plate	1	piece	
9	Lower Sealing Plate	1	piece	

Picture:

Electric drive:



Air motor drive:



Application:



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