



佰利得机器

LZ-9 Dry-mix Shotcrete Machine

1. LZ-9 shotcrete machine description:

LZ-9 is large-sized shotcrete machine for the spraying process.

LZ-9 can be used for large-section tunnel building, mine, etc

LZ-9 is available in following versions:

Basic: electric drive can be combined with tyre chassis

Extended (optional): Air motor drive or diesel drive combined with Skid or Rail-wheel

2. LZ-9 shotcrete machine technical parameters:

Electric drive:

Output Capacity	9m ³ /h
Max. Horizontal Conveying Distance	200m
Suitable Mix Ratio(Cement/Sand)	≤1:4~5
Max. Aggregate Size	Dia.20 mm
Conveying Hose Inner Diameter	Dia.64 mm
Conveying Pressure	0.2-0.4MPa(29-58PSI)
Air Consumption	10~12m ³ /min(357-430CFM)
Material Charging Height	1.1m
Rotor Speed	11r/min
Electric Motor	7.5kW,Y132M-4,IP55
Vibrator Electric Motor	0.15kW,XVM-A1.5-2
Available Voltage	220V,380V, 440V,660V 50Hz/60Hz
Overall Dimension(length×width×height)	1.65×0.9×1.25m
Net Weight	900kg

Air motor drive:

Output Capacity	5-9m ³ /h
Max. Horizontal Conveying Distance	200m
Suitable Mix Ratio(Cement/Sand)	≤1:4~5
Max. Aggregate Size	Dia.20 mm
Conveying Hose Inner Diameter	Dia.64 mm
Conveying Pressure	0.2-0.4MPa(29-58PSI)
Air Consumption for conveying material	10~12m ³ /min(357-430CFM)
Material Charging Height	1.1m
Rotor Speed	6-11r/min

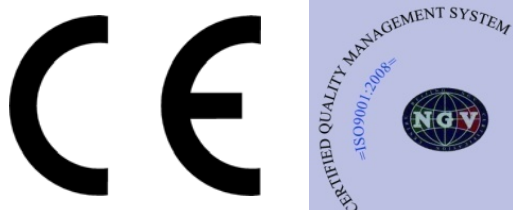
Air Motor	TMH8A
Air pressure for air motor	0.5Mpa
Air consumption for air motor	10 m ³ /min/357CFM
Vibrator	OR100,oil
Overall Dimension(length×width×height)	1.65×0.9×1.25m
Net Weight	900kg

Diesel drive:

Output Capacity	6-9m ³ /h
Max. Horizontal Conveying Distance	200m
Suitable Mix Ratio(Cement/Sand)	≤1:4~5
Max. Aggregate Size	Dia.20 mm
Conveying Hose Inner Diameter	Dia.64 mm
Conveying Pressure	0.2-0.4MPa(29-58PSI)
Air Consumption	10~12m ³ /min(357-430CFM)
Material Charging Height	1.1m
Rotor Speed	7.5-11r/min
Diesel Engine	20hp,2200rpm, Radiator Cooling
Diesel Engine Starting	Electric start
Clutch Type in Diesel Engine	Automatic Clutch
Air Vibrator	OR100,Oli
Overall Dimension(length×width×height)	2.66×1.11×1.50m
Net Weight	950kg

Certificate:

CE AND ISO9001-2008



A complete set of LZ-9 shotcrete machine:

No.	Description	Quantity	Unit	Remarks	
1	LZ-9 Main Machine	1	set		
2	Nozzle Assy.	1	set		
3	Conveying Hose, ID64mm, 50ft.Length	1	piece		
4	water hose with hose hoop	1	piece		

5	Rubber Hose Joint	3	piece	Fitting	
6	Quick Coupling	3	piece		
7	Upper Sealing Plate	1	piece		
8	Lower Sealing Plate	1	piece		

Picture
Electric drive:



Diesel drive:



Application:

