

### ASM-7W Wet Type Shotcrete Machine



#### ASM-7W Shotcrete Machine Introduction:

ASM-7W incorporates the advantages of wet-mix spraying with the low cost of a dry-mix machine. It is a machine that fills the void in the medium to small capacity class, but keeps the same characteristics of larger pumps.

#### ASM-7W shotcrete machine Applications:

ASM-7W is an oil hydraulically driven twin-piston pump especially suitable for hand-spraying, concrete pumping, grouting, artificial soil seeding, mortar spraying, refractory material spraying and with small manipulators.

It is extremely simple in construction and operation. It is very compact, durable and versatile enough for any site in the world.

#### ASM-7W Shotcrete Machine Features:

- Thick flow conveying method with hand-spraying make the concrete spraying is even, steady with less air consumption comparing to thin flow conveying method.
- A high efficiency machine with a longer conveying distance, horizontal 200m and vertical 70m.
- Simple CE standard electrical system controls provide fool-proof operation.
- Soft-start protects electric system and motor.
- Two independent oil pressure circuits.
- Main oil is supplied by a high-pressure, variable-flow, axial piston pump. A gear pump provides separate circuit for the dosing pump.
- Setting of the desired dosing values by hand-wheel.
- Double piston pump with S-tube and change-over cylinders for a positive action.
- Self-sealing, superhard sealing ring and plate.
- Automatically reversing pistons relieve the conveying system when blocked.

- Tough hopper with vibrator and grill designed for work with steel fibres.
- Centrally positioned lubrication point for easy service.
- Low weight is an advantage for transport.

ASM-7W Technical Data Sheet

Output	7 m <sup>3</sup> /h	
Delivery	Level: Horizontal:150 m Vertical: Vertical: 50 m	
Pressure	5 MPa	
Concrete slump	6~18 cm	
Hopper cubage	170 liters	
Electric motor	380V/50Hz, 15kW	
Oil pressure	12 MPa	
Oil tank cubage	90 liters	
Oil tank diameter	ID 80 mm	
Work cylinder diameter	ID 110 mm	
Work cylinder Stroke	550 mm	
S shape swing tube	110 mm	
Pipe and hose size	ID 65/51 mm	
Max.grain size for	spray	15 mm
	pumping	1/3pipe ID
Dosing pump	Output / pressure	17.5-88 L/h, 0.6MPa
	Motor power	380V/50Hz, 0.75kW
Weight	About 1200 kg	

ASM-7W Wet-mix shotcrete pump Spare parts:



S Tube



Wear plate



Wear Ring



Clamp

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