

India's No. 1
SHOTCRETE & GUNITING MACHINE

START GUNITING... START WITH **Surface**



Powerful **SURFACE**
Pneumatic Shotcrete & Guniting Machine
meets the high demand in building and
construction industry by providing
specialised concrete spraying technique.
They are equally suitable for refractory
lining work in foundries, power plant,
refineries and steel industry.

From the house of :

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INTERNATIONAL

Unmatched Quality you can trust
SHOTCRETE & GUNTING MACHINE

OPTIONAL ACCESSORIES :

Vibrating Silo

- Sieves concrete before it goes into machine.
- Over-sized aggregates & Debris retained over screen.
- Uninterrupted and smooth flow of concrete ensured.

Semiwet Nozzle

- Pre-dampen the Concrete.
- Reduces rebound and dust problems
- Specially recommended when spraying concrete in enclosed structures like tunnels underground structures.

Sand Blasting Kit

- It allows effective sand blasting operation by Guniting and Shotcrete machines.
- It consists of
 - a) Tungsten / Boron Carbide nozzle with holder
 - b) Helmet
 - c) Gum Boot
 - d) Hand Gloves

Twin Water Tank

Two tanks of 100 litres capacity mounted on three wheel trolley. Continuously supplies water at high pressure to the nozzle.

Remote control system

Converts your manual Shotcrete & Guniting machine into automatic one.

Its advantages are :

- It place complete ON/OFF control of flow of concrete in the hand of operator at nozzle.
- Guniting/Shotcreting starts just by pressing handle and stops by releasing it.
- It saves concrete when operator changes position or performing patch-up repairing and shotcreting work, because operator can start or stop guniting / shotcreting operation at will.
- It provides added safety to operator & other personnel in the area because should the operator for any reason lose the control of hose, guniting / shotcreting will stop instantly & automatically.

TECHNICAL SPECIFICATIONS

	D-3 BASIC	D-3 CONVERSION	D-4 BASIC	D-4 CONVERSION	S-4	D-4 (S) BASIC	D-4 (S) CONVERSION
Nozzel size (mm)	12 & 20	20 & 25	20 & 25	25 & 31	20 & 25	31 & 38	38 & 50
Internal dia of guniting hose (mm)	25	31	31	38	31	50	63
Compressed air required at 6 kg/cm ² m ² /min	7.00	9.00	9.00	10.4	9	17	21.5
Maximum aggregate size (mm)	6	10	10	12	10	20	25
Discharge (cbm/h)	1	1.5	1.5	2	-	3 to 4	4 to 5
Chamber Capacity (M ³)	0.085	0.085	0.17	0.17	0.17	0.17	0.17
Overall dimensions (approx in mm)	Length - Width - Hight -	1220 800 1450	1220 800 1450	1500 900 1800	1500 900 1800	1500 900 1300	1500 900 1800
Width (Approx in kgs)	400	400	550	550	400	550	550
Operation; Cont. = Continuous	Cont.	Cont.	Cont.	Cont.	Non. Cont.	Cont.	Cont.

OTHER PRODUCTS

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Shortcrete Machine Rotor Type :

Technical Data :

Dimensions :

Length : Approx. 1450mm
Width : Approx. 750mm
Filling Height : Approx. 1720mm

Water Dosage :

Water Pressure Required : 6 bar
Size of water hose : 1/2" I.D.

Electric Drive :

Motor : 415 Volts, 3Phase, 50 cycle AC
Capacity : 10 HP, 1440 rpm
Conveying capacity : 4 to 5 M³ per hour
Conveying Hose Pipe Dia : 50, 63 mm
Maximum Aggregate Size : 20 mm
Compressed Air Requirement : 12 m³ / min at 6 kg/cm² pressure

Conveying Capacity :

Conveying length horizontal : 100 mtrs
Conveying Height vertical : 50 mtrs



Electric Grout Pump :

Technical Data :

Output : 500-3000 Ltrs/hr.
Operating Pressure : 5.0 Kg/cm², 12.0 Kg/cm², & 24.0 Kg/cm²
Power Consumption : 5.0 to 12.0 H.P.

Note : 1. Grout Pump & mixing tank are offered as one unit.
2. Grout Pump alone is also available without mixing unit.

Pneumatic Grout Pump Piston Cylinder Type :

Technical Data :

Max Output : 1600 ltrs/hr.
Max Grouting Pressure : 90 Kg/cm²
Compressed air requirement : 4 Cu.Mtr./Minute at 7Kg/cm²
Optional Accessories : Twin Grout Preparation Tank



Pneumatic Concrete Placer :

Technical Data :

Capacity : 1/4 & 1/2 cubic yard /batch
Compressed air requirement : 1.7 to 2.7 m³/min at 6.0 kg/cm²
Size of aggregate Permitted. : 40 mm
Convey Distances : 15 m Vertically & 40m Horizontally

Note : 1. Adequate Capacity Air receiver tanks & conveying pipes available.
2. Concrete places are also available with Mechanical loader.

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SOLE AGENT in India for

OCMER ITALY

World Leader for Wet & Dry Concrete Spraying Machines



SHOTCRETE MODELS :	Output (m ³ /hr.)	Installed Power (H.P.)	Shotcrete Application
OCM-015 Simplex	1.5 to 3.0	5	Dry
OCM-030 Compatta	1.5 to 3.0	5	Dry
OCM-036 UNICA	3.0 to 5.0	6	Dry & Wet
OCM-046 MEDIA	8 to 10	9	Dry & Wet
OCM-060 UNIVERSE	12 to 16	9	Dry & Wet



OCMER DOSING SYSTEMS FOR LIQUID CHEMICAL ADMIXTURES

	Output : (Ltr./hr.)	Power (H.P.)	Pump Pt. (kg/cm ²)
ODP - 018 LIQUIDO	60 to 650	3.0	7.5
ODP - 025 LIQUIDO	90 to 1600	3.0	15.0

OCMER SPRAYING ARMS -

- OSM - 8600 RAPIDO
- OSM - 9600 RAPIDO *

Other Products :

- Spraying Arms for Tunnels, Refractory Gunning & Coke Injection Machine
- Shot Blasting and Shot Peening Machines



For details Contact :

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