



## OCM-068 UNIVERSALE

### LARGE OUTPUT CONCRETE SPRAYING MACHINE. PEA GRAVEL CONVEY MACHINE

The OCMER OCM-068 UNIVERSALE is a rotor machine for wet & dry sprayed concrete applications and pea-gravel conveyance with effective outputs from 5-6 to 15-16 cubic metres/h.

The high output that can be obtained suggest to use the machine in combination with a spraying arm in order to exploits its capacity.

Never the less the use of the smaller rotor of 18 litres capacity allows even to a nozzle man to operate it.

The machine is used mainly in medium/large size tunnel constructions, channels reconstructions, slope consolidations, besides for the pneumatic conveyance of pea gravel when tunnelling with TBM of large diameter.

Besides the unique OMER hydraulic clamping system of the lubricates gaskets on the rotor, the machine is endowed with two special hydraulic pistons that allows to overturn the hopper and extract the big rotor without effort and in a safe way. A single man can therefore execute the ordinary maintenance operation with a minimum effort and in a safe way.

The machine can be finally supplied in its DOSA version with an integrated synchronized dosing unit for the liquid quick setting chemical admixtures. The digital display on the electric panel will show instantly the r.p.m. of the rotor and the dosing unit's output expressed in litres/h. Other options are: the high pressure water pump and the radio or cable remote control unit



### SPECIALIZED TECHNICAL ADVICE



We offer specialized technical consultancy on specific projects, helping you find the solution best suited to your needs.

### CUSTOMIZATION



We actively collaborate to propose you tailor-made solutions through specially designed products or by modifying existing ones.

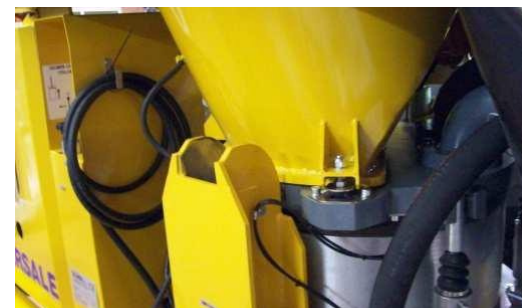
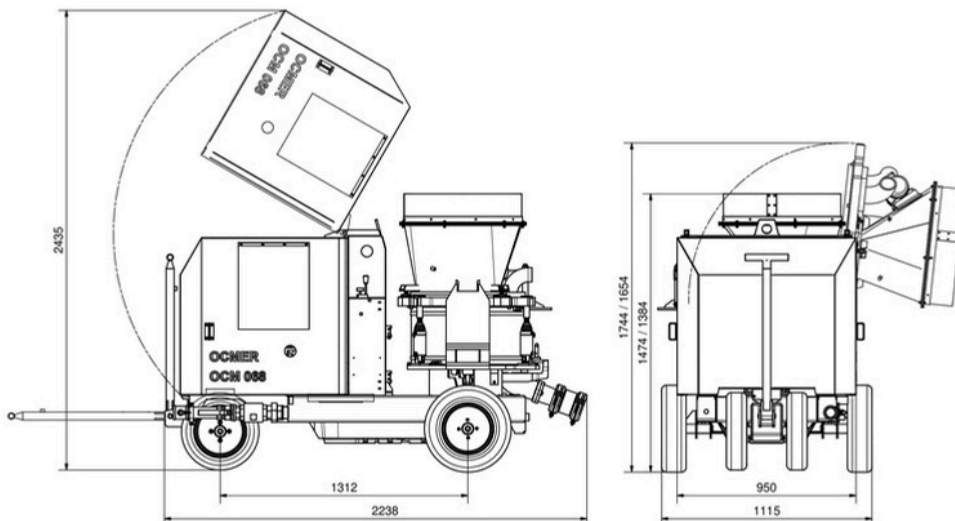


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WEIGHTS 1350-1500 KG

Capacity of rotor litres	Max theoretical output M <sup>3</sup> /h (*)	Hose size mm	Grain size mm	DRY Delivery Distance Horiz./Vert. M	WET Delivery Distance Horiz./Vert. M	Compressed air consumption M <sup>3</sup> /m at 7-8 BARS
18	15,12	65	20	500/100	/// 60/40	16-18
30	25,20	65 75	20/25	500/100	60/40	20-24

(\*) Provided the chambers fill and empty completely



## ELECTRIC DRIVE

- Installed power: from 12 to 15 Kw (varies depending on the options required), 3 x 400 V 50/60 Hz (other voltages on request)
- Moto-inverter: 15 KW, 3x400 V, 50 Hz (other voltages upon request)
- Moto-inverter dosing unit (only DOSA version): 1,5 KW, 3x400 V, 50 Hz;
- Electrical panel compliant with: CEE (EN-60204-1; EN-60439-1; 73/23/EEC; 93/68/EEC), degree of protection IP5

## PNEUMATIC DRIVE

- Main engine power: 22 KW
- Hydraulic power pack: 3 KW
- Air consumption (engines): 21.000 litres/min at 7-8 bars