

# OCMER

OCM – 036 UNICA



## WET & DRY CONCRETE SPRAYING MACHINE

The OCmer OCM-036 UNICA is a rotor machine able to process wet & dry concrete mixes with **effective** output range from 1 to 5 cubic metres/h.

The machine finds its fields of application into the execution of sprayed concrete linings for slope consolidation, small size tunnel construction, channels and bridges restorations. It has been employed as well to convey pea gravel and to spray refractory masses.

The OCM-036 UNICA has been developed to be employed even with stiff wet mixes having minimum slump up to 10-12 cm. The great machine's flexibility both in terms of workable mixes and outputs ranges, allows a very wide field of applications. The **unique OCmer's hydraulic clamping system of the rotor between the lubricated gaskets** will assure a perfect seal of the rotor even on extreme working conditions, optimizing the wear of plates and gaskets in any situation.

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 visualizer on the electric control panel will indicate instantly the settled r.p.m. of the rotor and admixture output expressed in litres/h. Other options are: the high pressure water pump and the radio or cable remote control unit.



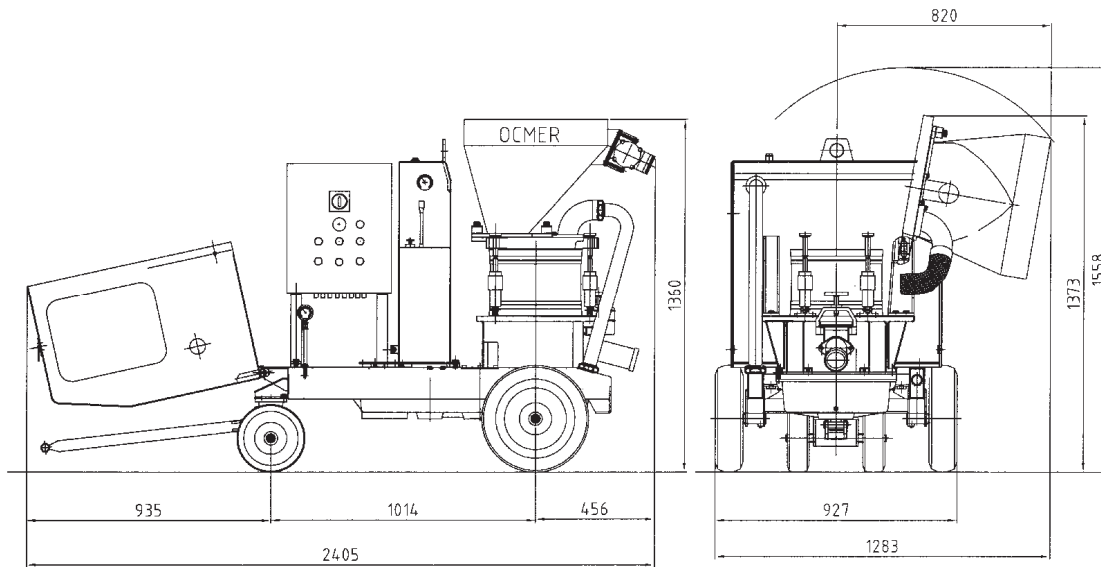
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Weights 590-720 Kg

CAPACITY OF ROTOR IN LITRES	MAX. THEOR. OUTPUT (1) IN M <sup>3</sup> /h	HOSE SIZE IN mm	GRAIN SIZE IN mm	DELIVERY DISTANCE IN Mt		COMPRESSED AIR CONSUMPTION IN M <sup>3</sup> /m AT 4-6 BARS
				DRY HOR./VERT.	WET HOR./VERT.	
4,8	4,03	40	13	500/100	//////	4-8
		50	16	500/100	60/40	5-10
10	8,40	60	20	500/100	60/40	6-15

(1) PROVIDED THE CHAMBERS FILL AND EMPTY COMPLETELY

## DRIVE

### ELECTRIC:

Two speeds electric engine: HP=6/4, 3x400 V, 50 Hz (other voltages upon request)

Moto-inverter: HP=5, 3x400 V, 50 Hz (other voltages upon request)

Electric control panel: EEC NORMS (EN-60204-1; EN-60439-1; 73/23/EEC; 93/68/EEC);

Protection degree: IP55;

### PNEUMATIC:

Main Engine: HP=9

Hydraulic power pack engine: HP=4

Air consumption (engines): up to 8.000 litres/m at 6-7 bars

Right to make amendments reserved

OCMER CO. srl, V.le 1° Maggio n°33, 20014 Nerviano - Milano - Italy Tel. 0039 0331 415221; Fax 0039 0331 415266;  
e-mail: [info@ocmer.it](mailto:info@ocmer.it); <http://www.ocmer.it>

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