

OCMER

OCM – 049 MEDIA



MACHINE FOR THE WET & DRY SPRAYED CONCRETE APPLICATIONS AND PEA GRAVEL PNEUMATIC CONVEYANCE.

The new OCmer OCM-049 MEDIA is a rotor machine able to apply wet & dry sprayed concrete linings and to convey pea-gravel, with effective outputs up to 10-11 cubic metres/h.

The machine find its main field of applications in tunnels' projects, slopes' consolidations, channels' restorations etc. The OCM-049 MEDIA is as well widely adopted for the pneumatic conveyance of pea-gravel when tunnelling with a TBM.

The new patented system of forced extraction of the compressed air from the rotor's chambers allows an high degree of efficiency.

The widely know and experienced rotor working method joined with the unique OCmer's hydraulic clamping system of the rotor between the lubricated gaskets assure a perfect seal of the rotor in any working conditions.

The OCmer OCM-049 MEDIA permits to overturn the hopper and extract the rotor by means of two special hydraulic pistons allowing to a single man to execute the ordinary maintenance operations with a minimum effort in a rapid and 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



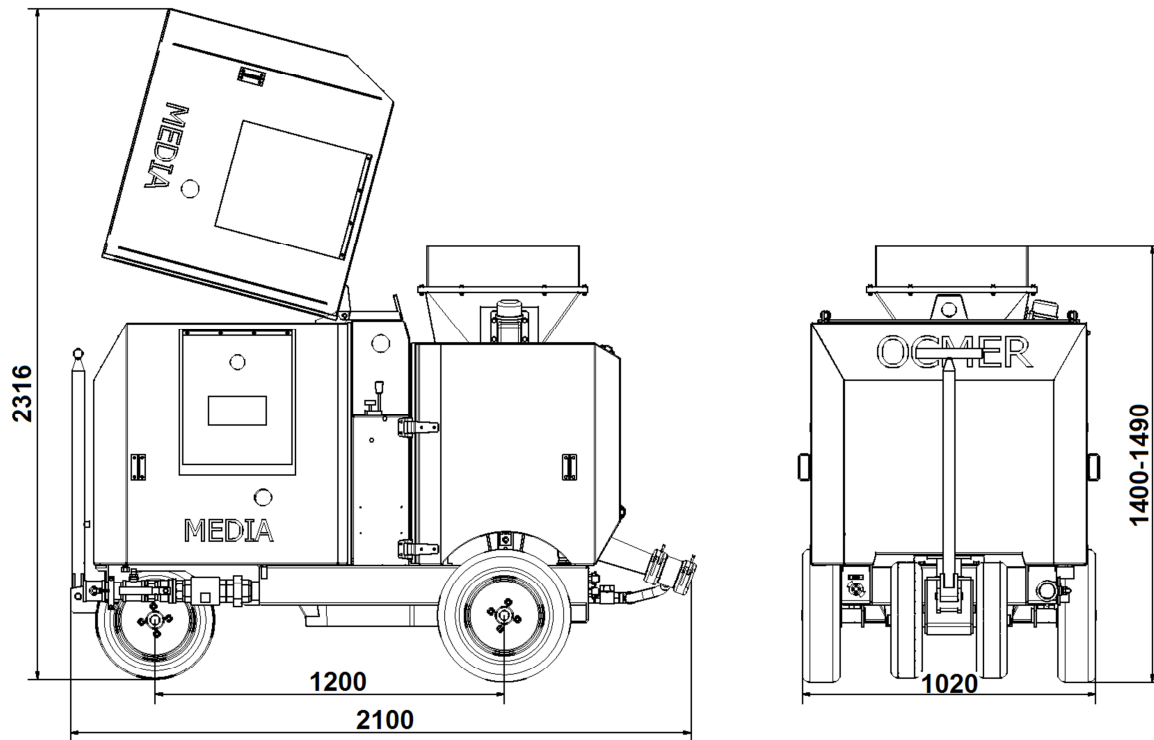
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Weights 950-1200 Kg

CAPACITY OF ROTOR IN LITRES	MAX. THEOR. OUTPUT (1) IN M ³ /h	HOSE SIZE IN mm	GRAIN SIZE IN mm	DELIVERY DISTANCE IN Mt		COMPRESSED AIR CONSUMPTION IN M ³ /m AT 4-6 BARS
				DRY HOR./VERT.	WET HOR./VERT.	
12,5	10,50	50	13	500/100	////	8-10
		65	20	500/100	80/40	12-16
18,8	15,79	65	20	500/100	80/40	15-20

(1) PROVIDED THE CHAMBERS FILL AND EMPTY COMPLETELY

DRIVE

ELECTRIC:

Two speeds electric engine: HP=9/6, 3x400 V, 50 Hz (other voltages upon request)
 Moto-inverter: HP=10, 3x400 V, 50 Hz (other voltages upon request)
 Moto-inverter dosing unit (only DOSA version): HP=2, 3x400 V, 50 Hz;
 Electric control panel: EEC NORMS (EN-60204-1; EN-60439-1; 73/23/EEC; 93/68/EEC);
 Protection degree: IP55;

PNEUMATIC:

Main Engine: HP=19
 Hydraulic power pack engine: HP=4
 Air consumption (engines): up to 15.000 litres/m at 6-7 bars

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