



OAFM 030S 4.0 SMART

NOT FORMED REFRACTORY MASSES' MIXING AND SPRAYING PLANT WITH CONTROLLED PARAMETERS FOR INDUSTRY 4.0.

The new generation plant developed from OCMER is the result of the long experience acquired from the producer in such sector of activity.

The equipment is mainly destined to the furnaces' maintenance, typically into steel plants.

A last generation rotor machine collect the dry mix from the charging silo, endowed with load cells, from here the compressed air push it along the delivery line until the nozzle where is mixed with water and eventually with a chemical admixture.

All parameters are under control both locally and at a distance:

- the quantity of refractory mix processed into the unit of time,
- the volume of water added at the nozzle,
- the quantity of chemical admixture to be added to the mix,
- the compressed air pressure.

The module for the technical assistance at a distance allow the producer to connect through the network to the machine, verify and solve any electrical faults besides update and modify the software.

A special skid driven from a gearmotor allows to extract the machine and execute the **ordinary and extraordinary maintenance operations in a comfortable and safe position.**

All machine functions can be remotely controlled. The data are all stored and exportable to mobile devices, making the plant ready for industry 4.0.

SPECIALIZED TECHNICAL ADVICE



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

CUSTOMIZATION



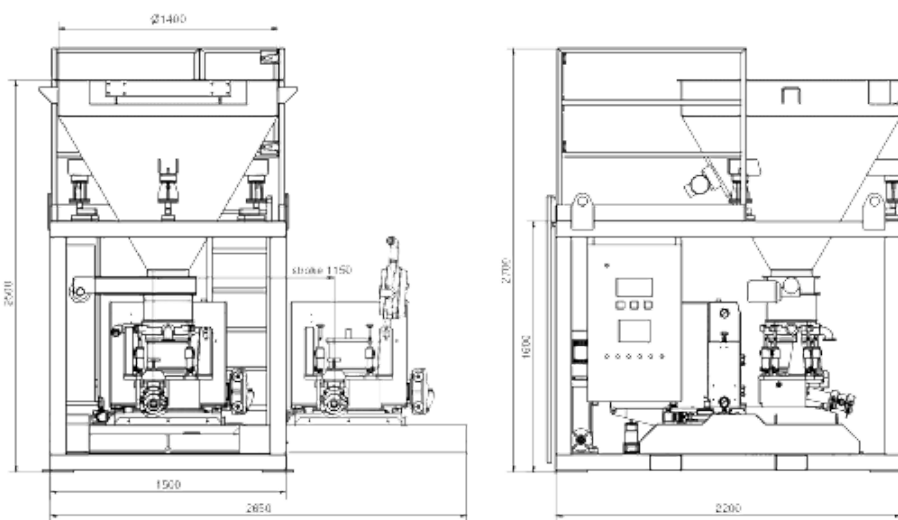
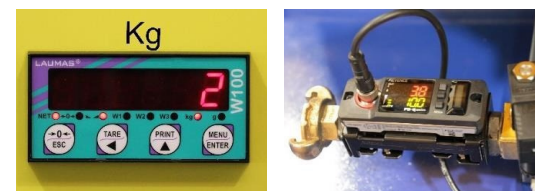
We actively collaborate to propose you tailor-made solutions through specially designed products or by modifying existing ones.

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Weight 1800 kg

Capacity of rotor litres	Max theoretical output M3/h (*)	Hose size mm	Grain size mm	Delivey Distance Horiz./Vert. M	Compressed air consumption M3/m at 7-8 BARS
1,8	1,51	25X40 32x48	8 10	500/100	2-4 3-5
3,2	2,69	32X48 40x60	10 13	500/100	3-6 4-7
3,4	2,86	32X48 40x60	10 13	500/100	3-6 4-7
5	4,20	40X60 50x70	13 16	500/100	5-8 6-10
6	5,04	50x70	16	500/100	6-12

(*) Provided the chambers fill and empty completely



TECHNICAL DATA

- Installed power: 7.2 Kw, 3x400 V, 50 Hz (other voltages on request)
- Silo capacity: 1 to 5 M3 (other volumes on request)
- Actual production (from 0.5 to 3 M3/h depending on type of rotor mounted and its rotation speed)
- Protection Degree: IP 55
- Water pump capacity: 600 lt / h at 10 bars; 1,200 liters / h at 9.5 bars
- Peristaltic dosing unit flow rate: from 70 to 700 liters / h at 7.5 bars
- Compressed air consumption: 5,000 / 6,000 liters / m at 7 - 8 bars (for 30 - 40 m hoses)
- Electric board: EEC NORM (EN-60204-1;EN-60439-1; 73/23 / EEC; 93/68 / EEC)