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OVERMAT TARGETED SOLUTIONS FOR NEW CONSTRUCTIONS AND RENOVATIONS

New screed system on 8x4 truck equipped with an innovative and totally independent auxiliary engine.



Photo: The Overmat MSA 15.5 TD implant developed by Overmat

The PTO powered model has always been one of the strengths of the Overmat team. This version equipped with its own 80 kW auxiliary engine also on truck, provides greater working independence and satisfies the needs of a market in continuous development and in search of continuous innovative solutions.





Photo: the auxiliary engine

Compared to the traditional system, powered by the PTO, it notably increases the stowage capacity where you can place all the necessary equipment, while maintaining a capacity of the sand compartment of 15 m³ and of the cement compartment of 5 m³. An imposing machine but with the utmost attention to balance and load distribution for complete safety during transfers.

Automated Process

By selecting the desired recipe, the machine doses and pumps the exact quantity of product. The sand is extracted by a conveyor belt, the cement by an auger, the liquids (water and additives) by means of pumps and metered by flow meters. Furthermore, the loose fibers are picked up by means of a dedicated fan.

All the materials are conveyed into the mixing tank - previously lowered to the ground - where they will be mixed and pumped to the laying surface.

Thanks to the storage of large quantities of bulk materials and the high hourly productivity, it is possible to operate on several construction sites in the same day, covering large areas and always maintaining excellent quality of the final product.

Everything therefore turns to greater earnings and greater savings in the procurement of bulk goods, as well as in substantial respect for the environment, as there are neither scraps nor packaging to be disposed of or that they could remain on the ground.

Guaranteed Quality

All production is monitored and can be saved (or instantly printed from the panel operator) thus offering the possibility of accounting for each construction site. The quality of the final product is ensured by appropriate measuring systems installed on the machine, such as load cells for dosing sand and cement, and flow sensors for dosing water and additives liquids.



Unprecedented Agility

Also, the dimensions on this system are reduced to maintain the compactness and the manoeuvrability typical of Overmat machines, which stand out for their easy use in large areas as well as in small urban centres. A point in favour of compactness and excellent stability on the road is given by the mixing tank, which is mechanically lowered to the ground for the pumping operation, thus remaining protected at the top during road trips, also lowering the centre of gravity of the entire system.



Photo: the mobile mixing barrel comes lowered to the ground for pumping

Simple Innovation

Overmat has made innovation its guiding spirit, combining it with ease of use to give life to technological and intuitive machines.

With the industrial PC installed on board, the entire production process is automated and controlled by the operator even at a distance, thanks to the bi-directional radio control that allows you to manage the work and vary the different parameters.

The system also integrates easily into your company's system since you can view the data of production from the comfort of your office computer or smartphone.



Photo: the operator panel with integrated printer and the radio control bidirectional.

With the development of this new plant, Overmat aims to increase the efficiency of its own machines and to provide solutions in constant evolution and guaranteed reliability.

Source: <https://www.ingenio-web.it/31226-impianti-di-miscelazione-massetti-soluzioni-overmat-per-nuove-costruzioni-e-ristrutturazioni>