

Spot by MTA

Customizable dashboard for a Mecalac Site Dumper

São Paulo, Brazil, June 5, 2018. MTA, a multinational company, headquartered in Italy, known for the development and production of a wide range of electromechanical and electronic products for major OEMs, is showcasing during the M&T Expo its off-the-shelf dashboard “Spot”, also chosen by Mecalac to equip a Site Dumper launched at the end of 2017.

Spot dashboard has a compact circular dimension of just 106 mm diameter and an IP66 rating for protection, making it ideal for off-highway applications on compact vehicles. The Spot dashboard has a central dot matrix LCD (160 x 56 pixels) with configurable telltales where required.

The strength of Spot dashboard is the proprietary MTA Studio® software tool, that enabled Mecalac to customize Spot dashboard to meet fast changing production needs without delay or costly software re-writes.

MTA Studio®, which is the easiest solution for off-highway OEMs needing customizable off-the-shelf dashboards and displays, allows for full dashboard configuration both in graphics and operating logics using programs written in C/C++, Functional Block Diagram (FBD), and LADDER. The graphic Human to Machine Interface is What You See Is What You Get, allowing the programmer to see the graphics on the PC as they will appear on the dashboard/display, while building the application itself. The software also contains a real-time debugger and a number of libraries with various available functions the customer can choose to integrate, depending on application needs.

Spot belongs to the increasingly range of MTA’s dashboards and displays configurable with MTA Studio® Software. These products have hardware and software architectures that are very similar, but with a range of looks, sizes, numbers of LEDs, inputs and outputs, as well as different screen types to meet the needs of the off-highway world.

MTA at M&T Expo, Stand 1364

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PICTURES



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MTA BRASIL

MTA Brasil, founded in 1995 in the industrial area of Arujá near São Paulo, is a strategic location supplying the important Mercosur market.

Constantly expanded to respond to producers who have established production facilities in the area, over the years MTA Brasil has aligned with the standards that distinguish the other sites of the company. Now it is certified IATF 16949, after having obtained the ISO 14001 environmental certification.

To support the production increase of these last years, the site has been equipped with a molding department with presses having a tonnage range from 80 to 300 tons.

MTA S.p.A. is a global leader in the development and production of a wide range of electromechanical and electronic products developed internally for the primary manufacturers of cars, motorcycles, tractors, and heavy vehicles.

Founded in 1954, MTA has two production sites in Italy (Codogno and Rolo), 8 foreign sites, sales of about €198 million, and 1,330 employees.

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