

PRESS RELEASE

Trade Show Aluminium 2018:

Tebulo Industrial Robotics Shows Their Innovations

Soon, at the 'Aluminium 2018' trade show, Tebulo Industrial Robotics will participate with their latest innovations. The stand of this internationally operating system integrator will be entirely dedicated to 'robotics and the 4 D's', namely: 'Dirty', 'Dull', 'Dangerous' and recently also 'Difficult'. Robot are commonly applied in situations where it's dirty, dull and dangerous. The fourth D, 'difficult', can now also be added due to the availability of sophisticated sensor technics. This makes it possible to have the robot perform also difficult and precise work. Highlighted at the stand is the innovative De-Strapper, among other things. With the greatest ease, this robot installation is able to remove the binding straps from aluminium coils weighing approximately 10 tons. Compared to the previous design, the new model has a greatly improved head, an improved and stiffer construction, yet a weight virtually equal to that of the previous design. The new De-Strapper is designed to cut steel and PET-material straps. In total there are no less than three hydraulically powered functions integrated in the new head. Another interesting feature is the marking robot. This installation makes it relatively easy to mark hot and cold rolls of aluminium for identification purposes. The marking can be applied to several positions in different versions. If the roll has not telescoped, the marking can be applied to the flat side of the roll of aluminium. However, labelling is also possible: The label may be on the roll, in the reel hole or on any existing binding strap, completely at the user's discretion. The marking can be either a numerical, matrix or barcode. Tebulo Industrial Robotics has been the world market leader for many years in the field of marking extremely hot rolls of material (read: aluminium and steel). However, the company also supplied dozens of installations worldwide for marking cold rolls. Finally, Tebulo Industrial Robotics is drawing attention to its manual de-strapper tool presented at the trade fair. With this mobile unit, with a built-in closed hydraulic system, straps that are wrapped around an aluminium or steel roller can quickly and easily be cut with the aid of user-friendly scissors. Once connected to the power supply (110 or 230 Volt), the unit is ready for use. This hand tool is particularly interesting for organisations where a number of binding tapes have to be cut several times a day at different locations or for cutting binding tapes (steel and PET) at hard to reach positions. The head of this tool is the same as the head of the De-Strapper described above, only the head of this tool is more compact in shape and lighter. For example, the head of this CE-approved unit weighs approximately 12 to 15 kilos and is operated at a pressure of 180 bar. For safety reasons, this patented unit is also equipped with a two-hand control system. Standard 5 meter hydraulic hose is included, but a longer length is also available upon request. Especially to make it easy to change and maintain the scissors, all of the supplied hoses and cables are fitted with quick couplings and connectors.

* Tebulo Industrial Robotics has grown into a leading player, specialising in the design, construction and supply of innovative, technically advanced robot integrations for a wide range of applications – from design to the commissioning phase.

More information

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Messe Aluminium 2018:

Tebulo Industrial Robotics Automation zeigt Neuheiten

Vakbeurs Aluminium 2018:

Tebulo Industrial Automation toont noviteiten