

SMART MANUFACTURING IS THE CORE OF NEXT DRYWA GENERATION

SOLWA is committed to improve its DryWa Machinery with the most innovative technologies in the ICT and automation sector.

DryWa is characterized by its compact and modular shape, distinguishing it by competitors. Moreover, SOLWA's products are focused on **low footprint, sustainability and innovation**, moving the Company towards the next 4.0 manufacturing Industry.

DryWa 4.0 is equipped with an advanced software, allowing the system to be completely self-controlled, to be remotely managed. This avant-garde artificial intelligence helps to increase the machinery performances and to give predictive maintenance, providing constant results concerning dry matter, sludge quantity production and energy optimization, among other things.

The open platform allows **the interaction between Customers and Machinery**, making DryWa a responsive sludge dryer adaptable to every specific need such as type of sludge to be treated, expected drying level, heat recovery available, etc.

The interaction man-to-machinery is suitable for all, considering that the constant connection with DryWa allows the customer to control the machine remotely and record the performances, assuring always the highest management and yield levels.

Dr. Paolo Franceschetti says *"Our machines have already entered in the future. We believe that a better interaction man-to-machine will be the best solution for the cost reduction and the whole management. We are creating something that is over a machine, we are creating a new way of machinery thinking"*.

DryWa 4.0 has been realized in cooperation with the Department of Information Engineering of the University of Padua, one of the most advanced Research Centers in Information & Communication Technologies. Prof. Alessandro Beghi (Department of Information Engineering) says *"DryWa 4.0 is designed to take advantage of the most innovative approaches to equipment maintenance and operation, by making use of both local, on-board intelligence and off-line, cloud-based optimization tools, according to the modern vision of smart manufacturing"*.

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