

P R E S S

WALVOIL AT CONEXPO 2026

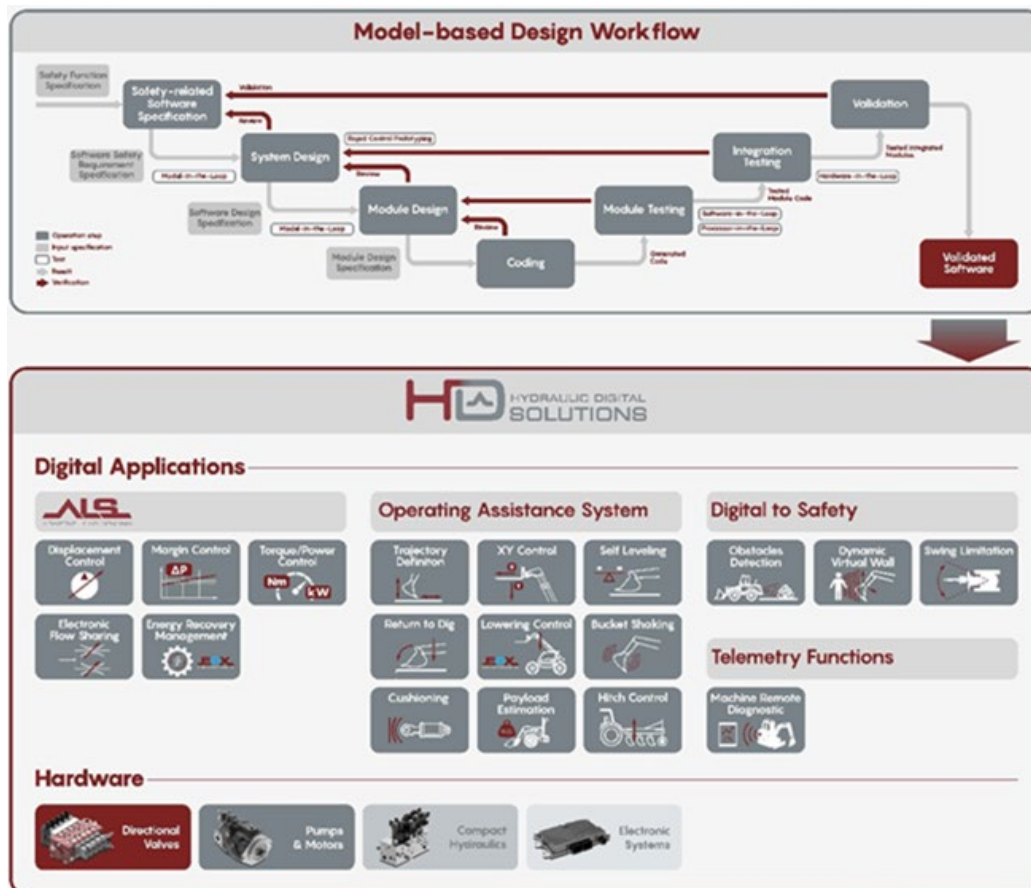
South Hall 2nd Level, Booth 82440

PRODUCT NEWS

WALVOIL'S DIGITAL APPLICATIONS: Software solutions for Mobile Machines

Operators of construction and agricultural machinery often work in demanding conditions that require constant attention to ensure accurate results for their own safety and that of any other people present.

Walvoil's Digital Applications, in line with the evolution of its **Hydraulic Digital Solutions**, are software solutions specifically designed and developed to improve comfort, efficiency, precision and safety in the mobile machines sector.



Digitalisation, which integrates modelling, simulation and automated code generation to improve efficiency, reduces development time and costs, and ensures system accuracy from design to implementation, plays a key role.

Hydraulic Digital Solutions make it possible to integrate hydraulic and electronic components, optimising functionality and increasing overall system performance.

Some of the **Digital Applications** that Walvoil offers to the market are on display in Las Vegas, Nevada, US. These include the following functions:

- Electronic management of the variable displacement pump with integrated Displacement Control, Pressure Margin Control and Torque/Power Control functions;
- Energy Recovery Management, a system that allows energy to be recovered and stored during certain machine movements and reused in specific conditions, thus reducing the energy absorbed by the vehicle's engine;
- Operating Assistance System, a set of advanced features that improve the efficiency of operations. Some examples are Self-Leveling, Trajectory Definition and XY Control, Return to Dig, Electronic Cylinder Cushioning, Payload Estimation, Hitch Control, and Bucket Shaking;
- Digital to Safety, advanced features to increase safety during work operations such as Obstacle Detection, Virtual Walls and Swing Limitation;
- Telemetry Functions to improve data collection and machine management.



Reggio Emilia - I, 27 February, 2026

Walvoil: from a mechanical company to one of the world's leading players in hydraulics and mechatronics

Walvoil Spa, part of the Interpump Group since 2015, and with over fifty years of life behind it, is one of the world's leading manufacturers of hydraulic products, electronics and complete mechatronic systems; it designs the future of motion in close relationship with its customers and partners, operating in different sectors and markets.

It is present in Italy with six production sites divided between the provinces of Reggio Emilia and Bologna, and a new Innovation Center, which is the heart of all Research & Development activities.

It can also count on eight branches in four continents and a capillary sales network, which allows the company to be close to its main customers and markets around the world.

In North America Walvoil is present through Walvoil Fluid Power Corporation and its two production and commercial sites, through Walvoil Canada and Walvoil Mexico. The company employs a total of 2,500 people worldwide, including 1,500 in Italy.

www.walvoil.com

**CONTACT: Melita Montani – Global Communication & Marketing Manager Walvoil Spa - montani.m@walvoil.com
Mob. +39.346.0037419**