

INNOVATION

# MagnaValves



## New MagnaValve Series

Improved Media Flow, Easier Operation and Extended Options

The **600 series MagnaValves** for air peening and blasting is the proven but innovative, precise and low-maintenance solution for media flow control. It replaces conventional valves with a contactless sensor/actuator combination for flexible, precise and reliable process control. The current development provides improvements for the peening process as well as extended options for control and operation.

The new SteadyFlow technology ensures a more even media flow, while the integrated Jump-To function provides shorter peening cycles thanks to faster adjustment. The new MagnaValves can also be adjusted and calibrated for different peening media. Selecting the desired calibration via the device or the system control allows for a high degree of flexibility in the process.

The **MagnaValve 910-24** is a completely new development with the same extended functions for air peening and blasting machines with non-ferritic media.

The **MagnaValve LM series** for wheel machines offers additional advantages during installation.

# Structure and Functions

## MagnaValve 600 series

The 600 series has a powerful permanent magnet to hold the media, an induction coil operating in opposite poles and an inductive flow sensor with completely reprogrammed control electronics. Flexible control options facilitate integration and operation, even in existing systems.

The extended control options via analogue signals (0-10 V, 4-20 mA) and digital signals (Ethernet) are processed decentrally in the device and no longer require a separate controller.



## MagnaValve 910-24

The MagnaValve 910-24 follows the 700-24 and has been completely redesigned. It is made for use of mineral and organic peening media as well as those made of non-ferrous metals. With its compact design and capacitive sensor technology, it is suitable for a wide range of applications. A magnetically moved actuator regulates the media flow precisely and with low maintenance. The operating, control and calibration functions correspond to those of the 600 series.

## MagnaValve LM series

The LM series replaces the VLP/LP series for wheel machines and provides impressive durability and precision without moving wear parts. The optimised cooling air flow protects temperature-sensitive components and extends the system service life. The lightweight and standardised product provides easy handling, compact installation dimensions and compatibility.



sentenso has extensively tested the new MagnaValve series and recommends using the new generation for your blasting and peening setups and applications.

