



MPT  
Proprietary  
Products

**MPT·SL**serie

MPT's Suction Lance  
Better than the usual



## MPT SL series

The new design eliminates the usual weaknesses of other suction sets.

- ▶ **Fast, trouble-free suction** from a wide range of different containers.
- ▶ **Versatile use** for canisters, barrels, IBCs and other types of containers due to infinitely variable immersion depth and easy changing of the connection adapter (depending on model size from 100 - 1100 mm).
- ▶ **No backflow of suctioned media** due to the integrated check valve.
- ▶ **Trouble-free product removal** by means of pressure compensation and ventilation with integrated non-return valve.
- ▶ **Universally connectable** to any pump (using a standard 3/8" fem. connection).

# #SL\_series

## MPT SL100



▲ Available in different versions for optimum adaptation to varying types of containers

### Intelligent details

**Protection against dry running of pumps:** MPT's suction set warns users before anything is going to happen: The integrated float switch has two switching points. In practice, this allows users to be warned before the pump is actually switched off.

**Clean and quick change of the suction lance:** After loosening the screw connection, the lance is pulled out of the container. The integrated non-return valve serves as drip protection and prevents the medium from leaking out of the suction pipe. After insertion into the full delivery container, only the union nut must be tightened. The system is ready for use again.

# Suction lance of the new species

**Stable, robust design, suction in no time at all and the gas-tight construction make the suction lance from MPT a superior product.**

## Advantages

- ▶ An outer pipe encloses the suction pipe and protects the inner suction pipe including the float switch from damage, dirt and mechanical effects.
- ▶ The small cross-section of the suction pipe allows media to be sucked in at lightning speed.
- ▶ The gas-tight construction protects the user and the environment from unpleasant odours or dangerous gases and vapours.



▲ *The MPT suction lance is an indispensable tool for smooth chemical handling*

“ We are not just looking at large scale systems. It is often small components where our know-how and experience lead to leaps in innovation. ”

Daniel Vahldieck / MPT, Dosing technology

## Universal use

During the development our focus was on best possible compatibility:

- ▶ The equipment with change-over contacts allows the pump to be controlled by an N/C or N/O contact.
- ▶ The chemical return from the overflow or vent valve of the pump can be realized using a 3/8" female thread return connection.
- ▶ All types of hose connections can be easily connected to the 3/8" female thread.



▲ *Universal connectivity*



▲ *Float switch with changeover contacts*



# MPT·DosING

by professionals.

MPT DosING is your engineering specialist for design, planning and construction of individualized chemical dosing systems for water treatment and numerous technical processes.

MPT DosING - Your specialist for customized plants and systems

- ▶ accurate dosing
- ▶ optimal control
- ▶ perfect mixing

## Key Industries



Power Plant  
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# #Engineering + Plant Construction

## Exclusive representations

Leading manufacturers are among our exclusive partners for Germany and Europe.

**WALCHEM**



**MILTON ROY**

## MPT proprietary products

MPT dynamic inline mixers and MPT suction lances: well thought-out solutions resulting from our many years of experience.

**MPT·DIN** series

**MPT·SL** series

We look forward to your challenges

**MPT DosING GmbH**  
Ferdinand-Porsche-Ring 8  
D-63110 Rodgau, Germany

T +49 (0)6106 4853  
F +49 (0)6106 180 39  
info@mpt-dosing.de

[www.mpt-dosing.de](http://www.mpt-dosing.de)