

# **SoniCon – SL / MH**

## **Measuring – Inspection – Monitoring with ultrasonic in plastic pipe extrusion**

**SoniCon SL / MH is a static ultrasonic measuring/inspection and control system for plastic pipes.**



The monitoring and measuring of plastic pipes is carried out by ultrasonic. The measuring chamber type MH has a foldaway design and is flange mounted to the back side of the vacuum tank or cooling tank. Due to the hinge device the sealing exchange can be effected easily.

The plastic pipe is guided through a measuring ring during production. The sensor tubes centre the measuring ring around the pipe. The separate supply of water guarantees a laminar washing-up as well as the water distance. The used silicone sealings have a long service life. Change of dimension is easy and can be carried out without dies. The special design of the measuring rings protects the silicone sealings as well during start-up.

**SoniCon SL / MH** is a worldwide approved ultrasonic measuring and inspection system to control pipes downstream from the vacuum resp. cooling tank. The measuring is done with static positioned ultrasonic sensors. Measuring parameters are wall thickness, excentricity, inner diameter, outer diameter and ovality.

### **Special features**

- **Easy mechanical assembly**
- **Wear and maintenance free**
- **Very short changeover time**
- **Wide diameter range**
- **Available up to dimension DN 630 mm**
- **Excellent cost/performance ratio**

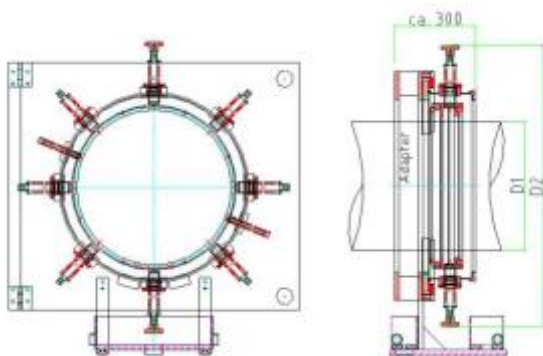
# SoniCon – SL / MH

## - Technical data -



TYPE	MH-125	MH-160	MH-250	MH-315	MH-400	MH-500	MH-630
D1, min. pipe Ø	20	32	32	50	63	110	110
D1, max. pipe Ø	125	160	250	315	400	500	630
D2	395	425	515	580	760	840	1030
number of sensors	4 / 6 / 8	4 / 6 / 8	4 / 6 / 8	4 / 6 / 8	6 / 8	6 / 8	8 / 12

Subject to technical changes



**The measuring chamber type MH is flange mounted at the back side of the vacuum resp. cooling tank.**

A hinge device allows the further access to the existing tank sealing.

The centering of the different pipe diameters is carried out via measuring. Sensor tubes provide the centering of the measuring ring which defines the water distance.