

Measuring Arm System (MAS)

For production of large diameter-pipes
Efficient production-start based on early measuring values

The ConPro Measuring arm system (MAS) permits a faster and more economic start-up process during production of thick-walled large-diameter pipes.

This is realised by ultrasonic sensors which measure the wall-thickness distribution precisely and automatically instead of former difficult and time consuming applications.

Advantage for the operator: The pipe can be centered immediately at the die.

After start-up of the line, the ultrasonic sensors will be set to the pipe pneumatically and the measuring of high-definition ultrasonic electronic starts forthwith.

To evaluate measuring data immediately, the results will be shown graphically at a 15" touch-display.

Potential differences of wall-thickness distribution will be evident promptly.

Result of early control: The pipe can be centered after production of a few meters only and start-up scrap will be reduced obviously.

The MAS system amortizes itself within a few months.

Your Advantages in short:

High measuring area: from 125 mm up to maximum diameters produced
No gasket-seal exchange upon dimension change
Applicable at various measuring positions
Careful treatment of resources and prompt amortization

Options:

Self-supporting water supply
Measurment of pipe diameters



SoniCon MAS 250 bis MAS 3000 – Measuring System

For geometric measurement as a mobile version.

-Technical data-

TYP	MAS 250	MAS 400	MAS 500	MAS 630	MAS 800	MAS 1000	MAS 1200	MAS 1600	MAS 2000	MAS 2500	MAS 3000
D1, min. pipe Ø	50	63	63	63	160	315	315	630	800	800	800
D1, max. pipe Ø	250	400	500	630	800	1000	1200	1600	2000	2500	3000
number of sensors	8	8	8	8	8	8	8	8	8	8	8

Subject to technical changes

SoniCon MAZ 250 bis MAZ 3000 – Measuring System

For fixed installation for vacuum tank.

-Technical data-

TYP	MAZ 250	MAZ 400	MAZ 500	MAZ 630	MAZ 800	MAZ 1000	MAZ 1200	MAZ 1600	MAZ 2000	MAZ 2500	MAZ 3000
D1, min. pipe Ø	50	63	63	63	160	315	315	630	800	800	800
D1, max. pipe Ø	250	400	500	630	800	1000	1200	1600	2000	2500	3000

Subject to technical changes