

WARP CP

RADAR MEASUREMENT SYSTEMS FOR CORRUGATED PIPES



MADE IN GERMANY



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INSPIRE BEYOND MEASUREMENT

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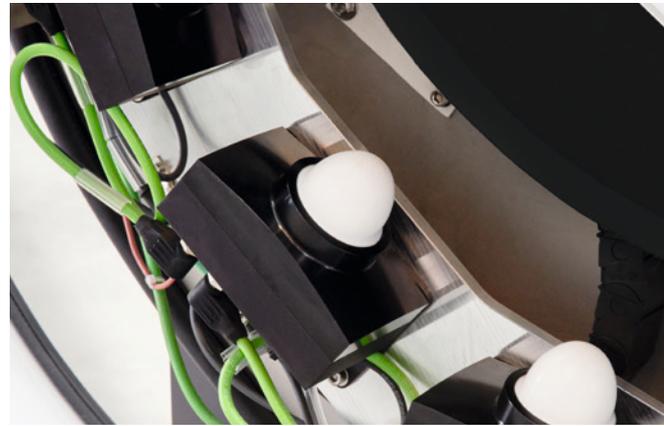
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RADAR MEASUREMENT SYSTEMS FOR CORRUGATED PIPES

GENERAL FEATURES

- Non-destructive, contactless, and automated inline measurement of all relevant structures of the corrugated tube
 - Outer wall thickness and outer diameter of the corrugation (crest or outer wall)
 - Inner wall thickness and inner diameter of the corrugation (liner or inner wall)
 - Wall thickness and inner diameter valley (valley or compression)
 - Wall thickness, outer and inner diameter of the bell (bell)
 - Outside diameter of counter sleeve (spigot)
- No waste through destructive measurement
- Shortened start-up of the machine
- Operator-independent measurement
- Repair of critical thick and thin spots
- Saving of material overweight in the end product
- Continuous process monitoring
- Complete documentation of the production

- For wall thicknesses from 2 mm (0.07 in)
- For tube sizes from 300-1000 mm (inner diameter)



Type	Construction height	Min. Wall Thickness [mm]	Dimensions [mm]	No. of sensors	Pipe dimensions	Accuracy** [mm]	Measuring frequency [Hz]
WARP CP	800	2 (154 GHz Chip)	2417 x 2106 x 765	8	300 I.D. - 900 O.D. mm (12 I.D. - 36 O.D. inch)	± 0,05	216
	1200	5 (80 GHz Chip)	2562 x 2304 x 765		450 I.D. - 1200 O.D. mm (18 I.D. - 48 O.D. inch)		