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Fully automatic production of high-quality tubes with a thickness of up to 3.5 mm

Variostar is a fully automatic production line for the efficient manufacture of high-quality tubes that can also function as shells for vessels such as boilers, water or buffer tanks. The line includes a flexible roll forming station and a continuous longitudinal laser welding station. This allows sheet metal to be combined highly efficiently in a continuous production line by roll forming and laser welding to produce high-quality tubes.

Variostar covers a diameter range of 80 – 630 mm, tube lengths up to 2000 mm and material thicknesses up to 3.5 mm. No tooling means quick changeovers.

Perfect laser welds

By butt laser welding the seams, they are precisely and cleanly joined and thus highly corrosion resistant.

	Variostar 400/1550	Variostar 400/2000	Variostar 600/1550	Variostar 600/2000
Diameter range (ID)	80 – 400 mm	80 – 400 mm	80 – 630 mm	80 – 630 mm
Tube length range	200 – 1550 mm	200 – 2000 mm	200 – 1550 mm	200 – 2000 mm
Material thickness*	1,0 – 3,5 mm	1,0 – 3,5 mm	1,0 – 3,5 mm	1,0 – 3,5 mm
Material	mild steel / galvanized mild steel / stainless steel			
Welding method	Laser / Laser with cold wire			

* Roll forming capacity Variostar