

A background image showing a series of wind turbines of varying sizes, receding into the distance against a light blue sky. The turbines are white with red tips on their blades.

blueEvolution®

The ecological initiative from EWM for sustainable use of energy and other resources

The innovative technologies from EWM are our comprehensive approach to reduce CO₂ emissions:

- The continuous use of advanced inverter technology saves raw materials such as copper, aluminium and steel. When used in conjunction with power-saving joining processes like coldArc® and forceArc®, the elevated efficiency of inverter technology lowers expenses for primary energy and power.
- forceArc® lets you achieve new seam geometries for optimised pass build-ups. As a result, you need to weld fewer passes. This shortens welding time and reduces the use of wire and gas, so you save money and energy.
- Heat-reducing processes like coldArc® and forceArc® minimise spatter, cut down on the amount of finishing work and reduce emissions of welding fume particles for better working conditions.

We have broken the welding code!