

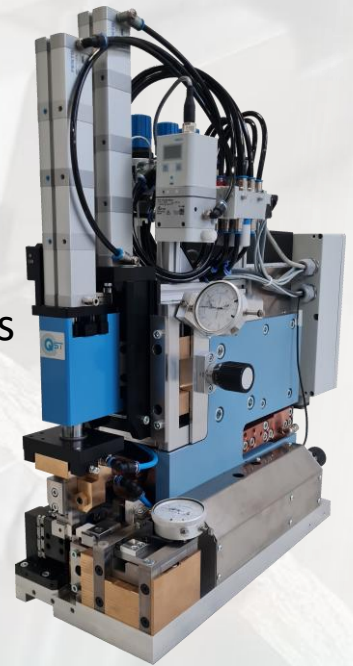


The Compacting process



Optimum cable quality through precise compaction

Cable compaction is a special manufacturing process in which the wires of a cable are processed to achieve greater density and structural stability. This is done by welding the individual wires together to form a compact mass. Compacting improves the ability of the cable ends to make better contact with the terminal and can serve as preparation for further welding.



How does the process work?

To begin with, the individual wires of a cable are inserted into the compacting head. When the start signal is activated, the compacting head closes and exerts a force on the cable. Once the force is reached, a current flows through the electrodes into the cable, which heats the wires and causes them to fuse. This treatment creates a stronger structure that makes the cable more robust and minimizes the risk of damage. In addition, the increased density optimizes the surface of the cable, making signal transmission or energy flow more efficient. Please contact us for individual advice.



Produktkatalog

