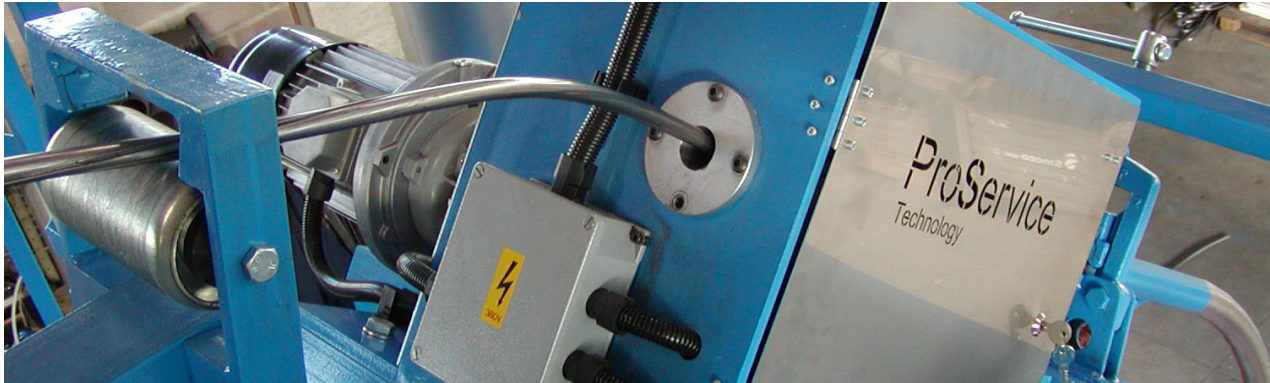


CORED WIRE TREATMENT

Many foundries are interested in the advantages nodularization using an automated cored wire system. The automation, precision and repeatability of cored wire treatment is incomparable to other processes and suit both high volume productions as prototype foundries.



We guide you through the practical aspects and the metallurgical considerations implied through the use of cored wire treatment to find the best solution for your process. At the end of the project we are also capable of supplying a customized and fully automated treatment system integrated with your current process.

This project is ideal not only for existing foundries that are aiming to convert their current treatment process into cored wire, but also for foundries under construction. Getting an early start on the treatment strategy for ductile iron is crucial to avoid costly mistakes down the line.

Some of the main advantages with cored wire treatment are:

- **AUTOMATION:** The nodularization process can be fully automated
- **THE HUMAN FACTOR:** Reduces the possibility of mistakes with conventional additions
- **REPEATABILITY:** Fully repeatable nodularization process
- **CONTROL:** It gives more constant metallurgical results thanks to precise additions of magnesium
- **SAFETY:** Increases industrial safety since the process is enclosed inside a cabinet
- **ENVIRONMENT:** Improves the working environment as the fumes can be extracted and filtered rather than being released into the air
- **INTEGRATION:** Can be connected to ITACA MeltDeck™ for complete control
- **TRACEABILITY:** The entire process can be traced and analysed through ARGOS™

This project can be joined to the project **OPTIMIZED NODULARIZATION** for an overall analysis of the production of ductile iron.