

For Welding **Professionals**



5

TOP  
REASONS

to use Welding Alloys' GAMMA 182  
cored wire for the **CEMENT INDUSTRY**



**Versatile & robust  
cored wire** even under  
difficult conditions



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## EASY TO DEPLOY

User-friendly and can easily be used on-site, even under difficult atmospheric conditions (wind / gusts), thanks to its basic slag offering the highest flexibility. Compatible with semi-automatic and automatic processes.



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## MADE TO CRACK-REPAIR

The ultimate solution for rotary kiln crack repairs. Fully compatible with low and medium alloyed steel base metals. The welding deposit doesn't become soft or brittle during preheating procedures (required by the base metal).



# 2

## HIGH DEPOSITION RATE

### **AT LEAST 2.5 TIMES GREATER THAN STICK ELECTRODES**

Increased welding efficiency leads to reduced maintenance downtime and lower costs. Using cored wires also means a better working environment for the welder (away from the heat and a shorter period of time). Win-win.

# 3

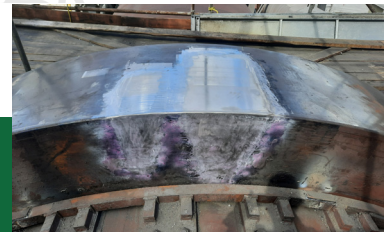
## ULTIMATE MECHANICAL PROPERTIES



Boasts all the advantages of nickel based alloys and provides equal or better properties than that of the wrought base metal.

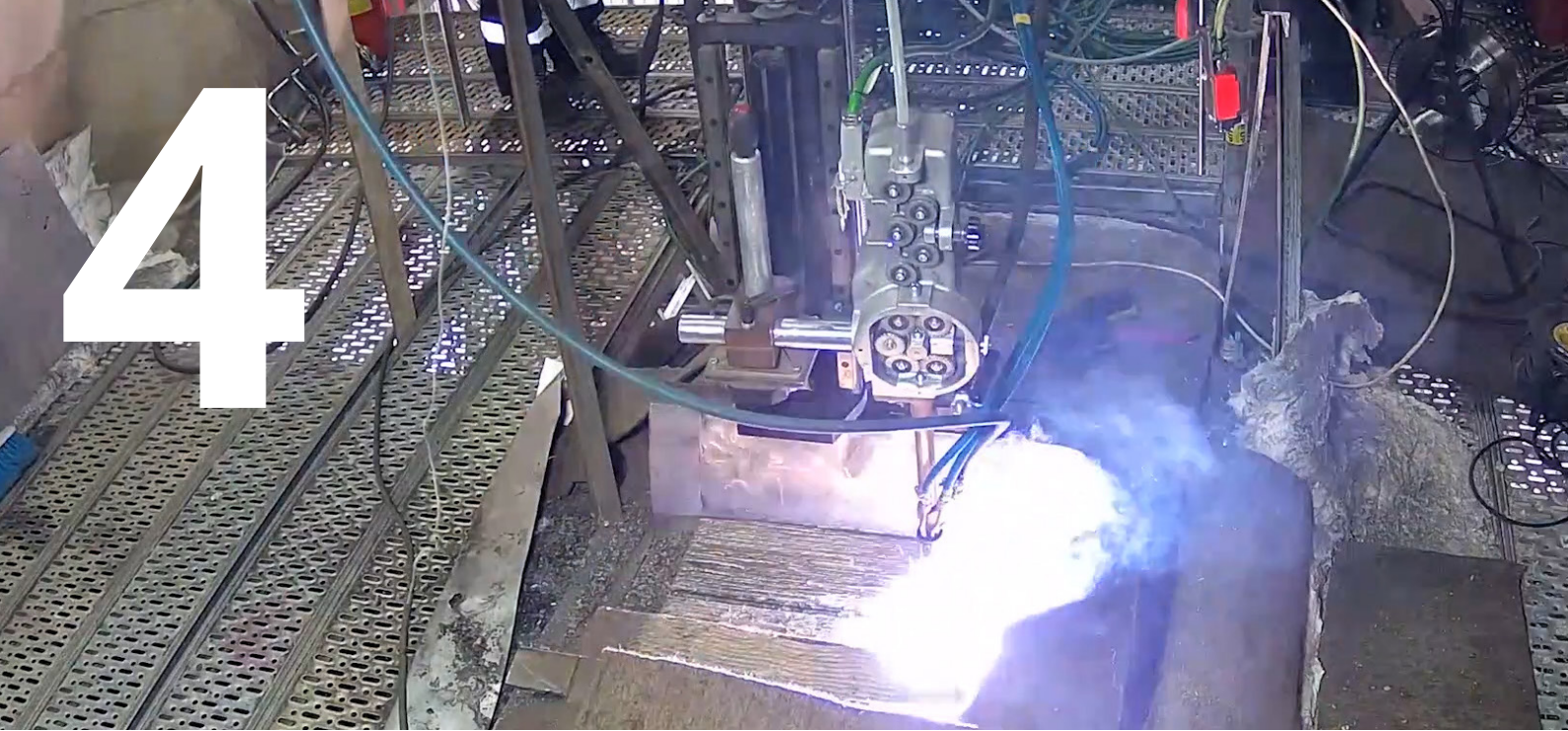


It offers a graded coefficient of thermal expansion (CTE) throughout the weld joint, which effectively distributes stresses under high temperatures.



Through the application of the appropriate welding and heating procedure, GAMMA 182 facilitates a superior fusion boundary within the transition area, with a high tolerance to dilution.

# 4



A perfect match with our portable welding machines: a complete Welding Alloys solution

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## LIGHT BUT DURABLE

Compact and cost-effective arc welding (FCAW-G & FCAW-S) machine.  
Flexible solution - lightweight and easy to set up.  
Improved welding quality and efficiency.



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## USER-FRIENDLY

Easy programming.  
Fully automated control of the welding process.  
Unrivalled solution for the automated repair of rotary kilns in the cement industry.



# 5

## A CULTURE OF CONTINUOUS INNOVATION

We are passionate about innovation and strive to develop new solutions to suit complex customer requirements. We partner with customers and have experts across the globe to provide extensive technical support when needed.

### INNOVATION IS AT THE CORE OF EVERYTHING WE DO

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We formulate new fit-for-purpose welding consumables and produce wires tailored to suit more advanced welding processes, such as laser, arc spraying and additive manufacturing.



# Welding Alloys

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**50+**  
**years**

FAMILY OWNED  
SINCE 1966, A  
WEALTH OF  
KNOWLEDGE

+

**150+**  
**countries**

WE PROVIDE  
ADVANCED WEAR  
SOLUTIONS  
GLOBALLY

+

**1500+**  
**wires**

WE MANUFACTURE  
AN EXTENSIVE  
RANGE OF CORED  
WIRES

Want to know more?

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