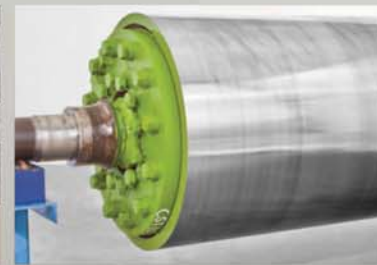




# Cortech

High performance clad rolls



Building upon our extensive experience of roll cladding with the Weldclad brand of welding consumables and machines, Corewire are proud to introduce *Cortech, high performance clad rolls*.

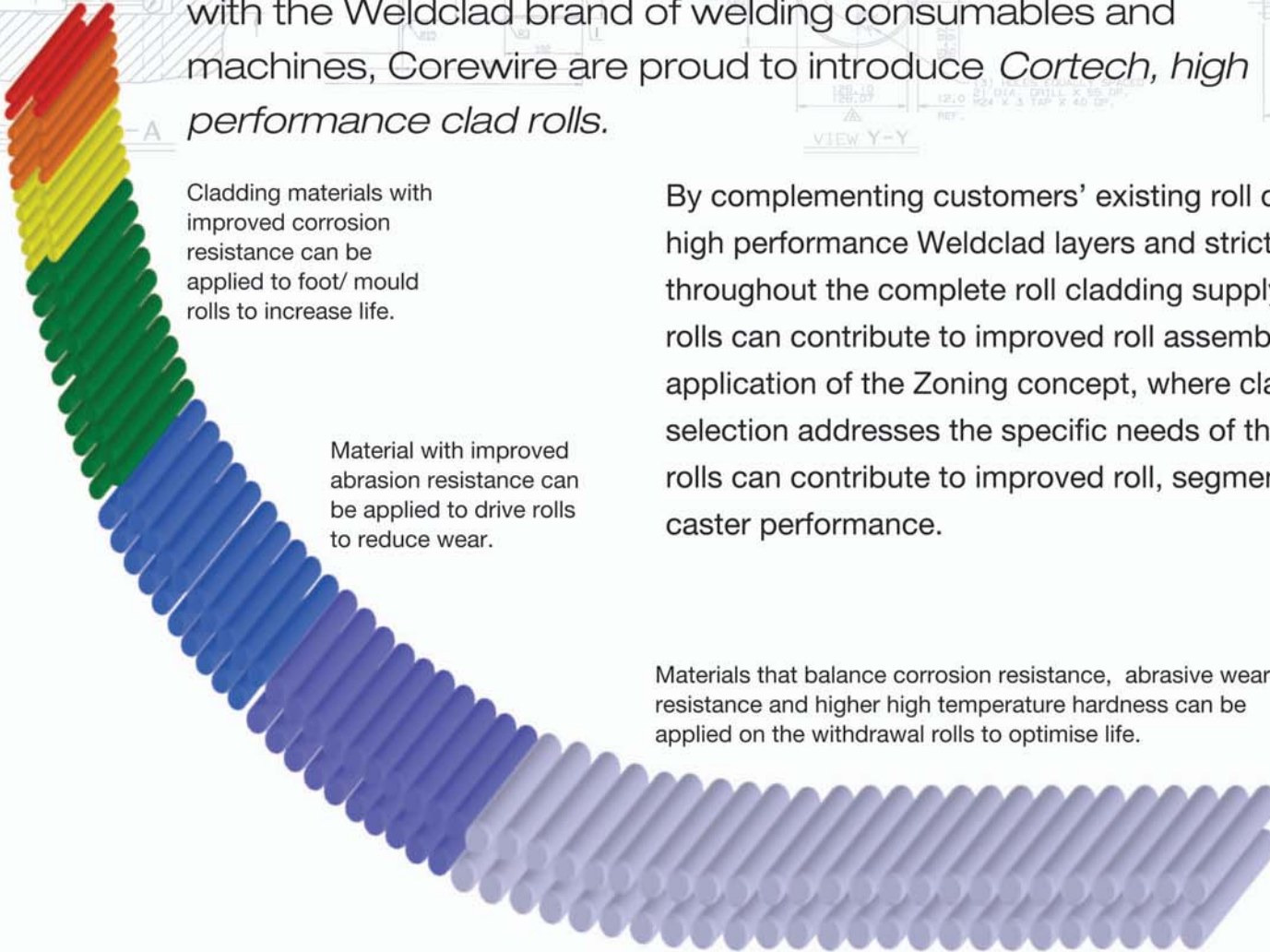


Cladding materials with improved corrosion resistance can be applied to foot/ mould rolls to increase life.

Material with improved abrasion resistance can be applied to drive rolls to reduce wear.

By complementing customers' existing roll designs with high performance Weldclad layers and strict quality control throughout the complete roll cladding supply chain, Cortech rolls can contribute to improved roll assembly life. Through application of the Zoning concept, where cladding material selection addresses the specific needs of the rolls, Cortech rolls can contribute to improved roll, segment and therefore caster performance.

Materials that balance corrosion resistance, abrasive wear resistance and higher high temperature hardness can be applied on the withdrawal rolls to optimise life.



## Consistent Quality Across Continents

The Cortech brand is in essence a quality standard that defines the roll cladding and roll manufacturing process. Too often, the long supply chains associated with weld clad roll manufacture have undermined the quality of the final product.

The Cortech approach eliminates these uncertainties by ensuring a consistent approach to quality throughout the supply chain.

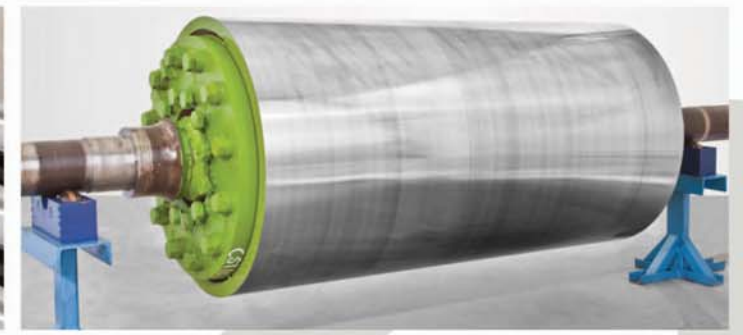
Cortech rolls are available for a range of applications throughout the continuous caster, hot strip mill and down stream processing lines. Including, but not limited to the following



SECTION A-A

VIEW Y-Y

Products Offered	
Continuous Casting Rolls for Flat and Long Products	Foot / Mould Rolls Bender Rolls Straightener Rolls Segment Rolls, Drive Rolls, Withdrawal Rolls
Hot Strip Mill	Table Rolls Edger Rolls Descaler Rolls Looper Rolls Coil Box Rolls Cooling Table Rolls Pinch Rolls
Plate Mill Leveler Rolls	Leveller Work Rolls Leveller Back Up Rolls
Select Section and Bar Mill Rolls	Table rolls Straightener Rolls
Pickling Line Rolls	Uncoiler Pinch Rolls Straightener / Flattener Work Rolls Straightener / Flattener Backup Rolls Bridle Rolls



*“Cortech rolls define the benchmark for consistent quality across continents”*

# Cortech

High performance clad rolls

## Cortech Vendors

Corewire Ltd.	United Kingdom
Corewire China.	China
Corewire USA.	USA
Corewire Surface Technology p.v.t.	India
Corewire Surface Technology s.r.o.	Slovakia
Methu Belgium bvba	Belgium
MGE Engineering Ltd	New Zealand
Vaalmac Saldanha (Pty) Ltd	South Africa
APS Representações Ltda	Brazil



## COREWIRE

Established in 1976, Corewire Ltd is amongst the world's leading producers of flux-cored welding consumables and machines for hardfacing and maintenance. Corewire offers the customer more than just the supply of flux-cored welding wire - through technical innovation and strategic acquisitions, Corewire Ltd are able to help partner organisations and customers realise significant added value and cost savings through the implementation of weld repair and reclamation strategies.

## Weldclad

The Weldclad brand from Corewire is recognised as a world leader in the manufacture of submerged arc welding consumables and machines for the cladding of rolls, and associated components, used in steel and non-ferrous industries. The product range extends from low alloys material, through proprietary tool steels and stainless steels designed to provide resistance to corrosion, wear and thermal fatigue, to nickel based materials for demanding high temperature applications. The state of the art alloys available from the Weldclad range, together with the technical support provided, enable the optimisation of the clad layer for the service conditions encountered.

For further information please visit

**[www.corewire.com](http://www.corewire.com)** **[cortech@corewire.com](mailto:cortech@corewire.com)**

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