WA Integra™

Product and service solutions for increased wear resistance
WA Integra™
The go-to provider of engineered wear protection solutions

Welding Alloys’ Integra™ division specialises in providing welding services in-house or in-situ using our own advanced welding consumables and state-of-the-art machines for the hardfacing and cladding of components worn in service. Welding Alloys Integra™ also specially design and manufacture components.

- Expert knowledge and experience across a number of industries
- Integra™ Service Centres throughout the world
- Repair, cladding, hardfacing solutions
- Increased productivity, less downtime
- Reduced maintenance costs

Integra™ products and solutions

Composite wear plates
3D-Carb™
MillCarb™
Integra Mill
Advanced Materials
Advanced Components

- Assessment and analysis of parts and their working conditions; procedure development, application and control measures ensuring high quality standards from start to finish
- Supply of our own designed long lasting and reliable hardfaced components
- Application of highly efficient cladding or hardfacing procedures with the use of simultaneously operating fully automated welding heads

Expert solutions for a range of industries

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Integra™ solutions: increased lifetime, decreased total cost of ownership

- Vertical mills
- Roller presses
- Crushers
- Sinter stars
- Ventilators
- Blast furnaces
- Turbines
- Discs
- Chutes
- Buckets
- Valves
- Ducts and elbows
- Kiln tyres
- Cones
- Pipes
- Mantles
- Guide vanes
- Load & haul equipment

The graph above compares the wear life of various products. As an example, we can see that Integra™ 100 has a life four times greater than 500 BHN quenched and tempered material. The use of Integra™ wear plates, on a chute for example, can therefore significantly increase the life span of that chute, which in turn reduces the total cost of ownership.
Our Technical ‘Spark’ Solves Your Industrial Challenges

WA Consumables
The go-to provider of advanced welding consumables

WA Machines
The go-to provider of engineered wear protection solutions

WA Integra™
The go-to provider of automated equipment for wear protection

Worldwide Integra™

www.welding-alloys.com