

Solutions for Strip Cladding



3A WELDING SYSTEM®
Advanced Automatic Technology



Complete solution for strip cladding (equipment and consumables)

Market segments

- Petrochemical
- Chemical
- Nuclear

Main features

Complete offer for Electroslag and Submerged Arc strip Cladding:

- Power sources up to 2300 A at 100% duty cycle
- Strip cladding head
- Magnetic weld pool control
- Reliable strip feeding
- Flux recycling system
- Rotators, turntables
- Columns & booms
- Full digital control by 3A WELDING SYSTEM
- Full range SA and ES fluxes and strips for stainless steel and nickel alloys
- Full support in operative phase
- Training

Benefits

- Cladding process with high reliability and repeatability which are essential to ensure the correct chemical composition
- Minimal downtime
- High quality overlay cladding
- Self releasing slag removal
- Full digital control in centralised console
- Integrated peripherals
- User friendly interface



OERLIKON Electroslag Strip Cladding Consumables

Nickel base solution

ELT 600S

High speed flux

SUPRASTRIP 600

SUPRASTRIP 625

ELT 600

Standard flux

Stainless steel solution

ELT 300S

High speed flux

SUPRASTRIP 19.9L

SUPRASTRIP 24.13L

SUPRASTRIP 21.13.3L

SUPRASTRIP 21.11LNb

Monolayer fluxes

ELT 300

Standard flux

SUPRASTRIP 19.9LNb

SUPRASTRIP 19.12.3L

ELT 347-1

ELT 316-1

