

A6S SAW Strip Cladding Head

For Surfacing with High Alloyed Materials



- Used in combination with standard A6S Arc Master welding head
- Provides an economical solution for surfacing with high alloyed materials such as stainless steel or nickel-based alloys
- Choose a wider variety of parent materials and consumables
- Stainless steel cladding is widely used in production of components where additional strength or corrosion resistance is required
- Welding head can be fitted with electrode strips as wide as 1.2-4.0 in. (30-100 mm) and as thick as 0.02 in. (0.5 mm)

Electroslag Welding (ESW)

- A method of strip cladding, but differs from SAW strip cladding in that the arc is created between the electrode and the workpiece
- The welding flux that is put into the joint melts and a slag pool is produced, which then increases in depth
- When the temperature of the slag, and its conductive capacity increases, the arc is extinguished and the welding current is conducted via the molten slag where the necessary welding energy is produced through resistance
- This method can be used for joining thicknesses of 1 in. (25 mm) and above

For specifications and more information for the ESW Welding Head, please contact your local ESAB representative.



Ordering Information

Strip cladding kit¹ 0155972880

¹For use with A6T SAW Tractor or A6S Arc Master HD.

Options & Accessories

Reel holder¹ 0417636880

Wire reel, steel 0416492880

Suction nozzle, flux 0156025001

¹Do not use with motor-operated cross slide.

Specifications

A6S SAW Strip Cladding Head	
Max. welding current at 100% duty cycle, A	1500
Feed roller diameter, in. (mm)	2.0 (50)
Strip width, in. (mm)	1.2-4.0 (30-100)
Strip thickness, in. (mm)	0.02 (0.5)