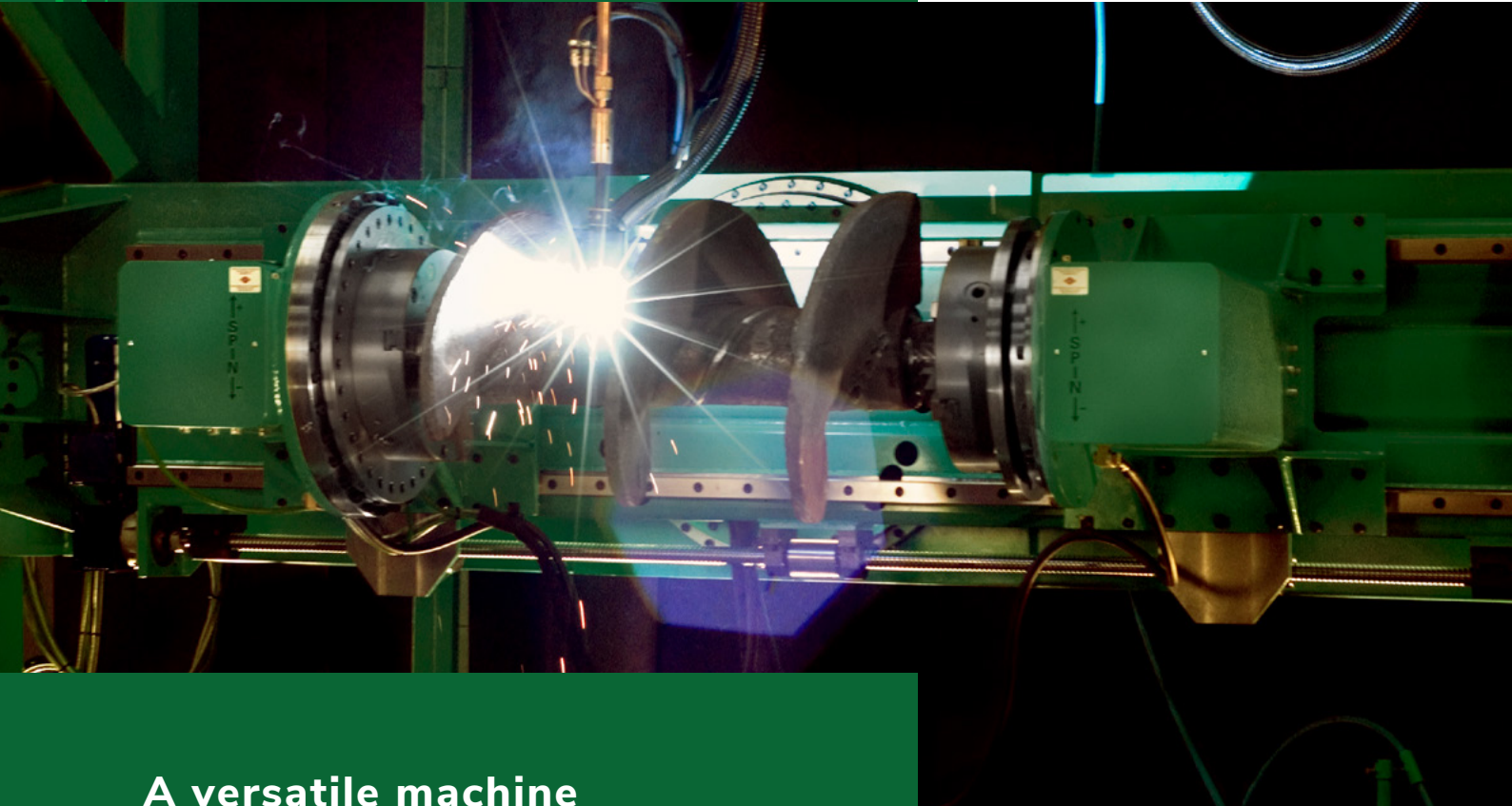


Screwflight Machine

For Welding Professionals



A versatile machine for cladding screws



Screwflight is designed to clad the different parts of a screw, in all positions allowing welding in the downhand position and with very impressive production speeds.

The machine offers maximum cladding productivity in its ability to automatically weld the shaft, the fillet and the flight, as well as the outside of the screw. Its 5-axis movement combination and ability to maintain constant surface speeds, allows the screw to be oriented in any direction, whilst ensuring the highest weld quality and accuracy.

Screwflight can be used for cladding a range of different types of screws, such as those used in conveyors or feeders within the food, cement, recycling or pulp & paper industry.

Why choose this solution?

- High quality weld deposits
- Maximum productivity
- Minimal labour required
- Allows down-hand welding via 5 axis movement
- Constant surface speed
- Storage of Welding Procedure Specification (WPS) and Programs
- Easy manipulation of complex components



Key Features

- Multiple weld patterns: oscillating beads, stringer beads, chevron shape, spiral welding and helix.
- Import facility for component geometries
- Programmable Helix mode
- Identification of operators
- Various welding processes: FCAW-S, FCAW-G, GMAW, SAW, GTAW, PAW

Control System D3 Touch

D3-Touch from Welding Alloys is a touch screen based control technology for automation allowing effective and efficient implementation of fully automated welding techniques and processes. Welding Alloys incorporates new technology into all Welding Alloys machines, improving performance and accuracy of the welding process. This technology complements the precision engineering mechanics resulting in maximum performance from our welding machines.

Additional Options

- Water cooled welding kit
- Twin wire-feed with wire straightener
- Fast oscillators
- Interface with power source
- Arc viewing screen
- Fume extraction
- Gas shielded welding gun kits
- Sub-arc welding kit
- Automated flux recovery
- D3 Pendant



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