



AMBIT™ ONE

Processing Head Deployer

Interface for laser metal deposition (LMD) heads in a CNC machine

Description

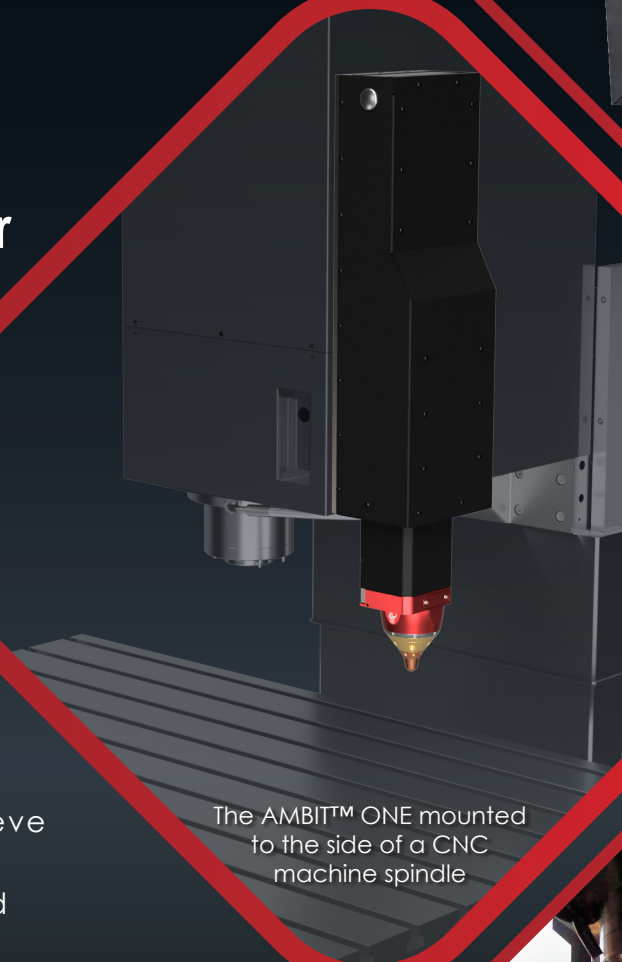
The AMBIT™ ONE interfaces with ONE-style processing heads to convey the laser, feedstock material, gas, coolant, and data to and from the head. The AMBIT™ ONE features:

- Deposition rates up to 2 kg of metal per hour
- Rapid deposition and cooling of metal to achieve the highest level of metallurgical quality
- Automatic changeover between additive and subtractive processes
 - Consolidation of multiple production steps into a single set up
 - The AMBIT™ ONE is ideal for production focused on applications requiring one nozzle at a time and has a wide range of nozzle types available

The AMBIT™ ONE deployer features a splash-resistant enclosure to allow use of flood coolant when machining



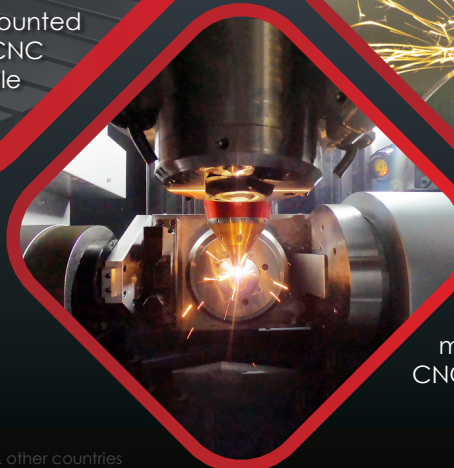
The AMBIT™ ONE is compatible with a variety of LMD nozzle types



The AMBIT™ ONE mounted to the side of a CNC machine spindle



An AMBIT™ ONE LMD 10 head deposits metal onto substrate



The AMBIT™ ONE depositing metal in a Sugino XtenDED CNC machine