



AMBIT™ FLEX 20 & 30 LMD Head

Tool changeable Laser Metal Deposition, LMD, heads for printing from your CNC spindle

Description

AMBIT™ FLEX 20 and FLEX 30 heads provide the ultimate flexibility for optimal deposition of metal, MMCs, and non-metals:

- Use these heads in your CNC spindle; Swap from adding to finishing with a tool change
- Thermally stable for continuous use with 1.5 kW of laser energy, monitored with multiple sensors
- High-access nozzle style with local shielding enables quality deposition without compromising feature access

These LMD heads provide deposition directly in line with the spindle centerline making them a must-have for 5-axis CNCs and desirable for all CNC users that want simplified CAM programming and to maximize their working envelop.

When not in use, AMBIT™ FLEX heads store in the CNC tool magazine



AMBIT™ FLEX 30 LMD head in a CNC spindle



AMBIT™ FLEX heads are supplied by an AMBIT™ FLEX Dock



Self-aligning nozzles are easily swappable



AMBIT™ FLEX heads are interchangeable with cutting tools or other AMBIT™ FLEX heads for end-to-end process automation