

MD+AERO CONTRACTOR

Login

Search news, multimedia, and marketplace

SEARCH

subscribe

news partners

Home / News / Mack Medical/Mold Adds Laser Welding Capacity

Mack Medical/Mold Adds Laser Welding Capacity

INDUSTRIES, CONTRACT MANUFACTURING, LASER CUTTING, CARDIOVASCULAR

Answering the growing needs of the orthopaedic surgical case and tray market, company doubles capacity.

Manufacturing Group

FEBRUARY 28, 2012

Font size Share | Facebook Twitter Email Print

MOST VIEWED NEWS

1. Nationwide Network of Distributors for Triform
2. Certification Helps Speed Products to Market
3. Hampson Aerospace Awarded Contract
4. EIS Acquires Light Fabrications
5. Robotic Surgery System

MackMedical/Mack Molding has doubled its high precision laser welding capacity to meet the growing needs of the orthopaedic surgical case and tray market, a major growth area for the company.

The Litron Series 30 Welding System is tailor-made to laser weld **Mack's** preferred bracket design for holding surgical instrumentation. The resulting hermetically sealed weld bead is free of gas, air, and contaminants, producing a more robust and inherently cleaner assembly than traditional riveting methods. The premium system is fully self-contained rather than open-air, providing a safer, cleaner process and a smaller footprint for integration into a one-piece workflow production environment.

Powered by a Trumpf TruPulse 21 – TruPulse 556 laser, the welding cabinet can accommodate a work piece of 19.5" in the X coordinate, 11.5" in the Y coordinate, and 10" in the Z coordinate. The 200-watt laser offers 6kW to 8kW pulse power and 90J MAX pulse energy.

The Fanuc CNC programmable system can fuse materials into a continuous weld bead up to 12mm. The system allows high heat welding in a concentrated, repeatable, accurate fashion without warp, resulting in significant cost- and time-efficiencies. Installation and operation at Mack's headquarters' plant will be by early March.

Add a comment:

Empty comment box

POST COMMENT

MOST SEARCHED

1. mtc
2. hypertherm
3. a.t. wall
4. miyachi
5. miyachi]

* Medical Device and Aerospace Contractor reserves the right to edit or remove reader comments for any reason it deems appropriate.