

MELD Services

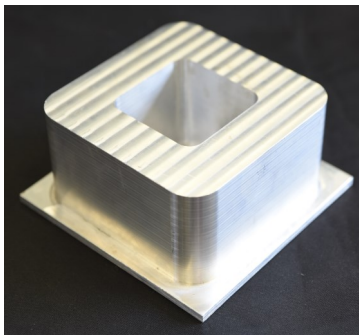
Additive Friction Stir Deposition



MELD[®] is a revolutionary, patented process for metals. MELD deposits material in the solid-state which enables a much broader range of materials that can be produced as well as improvement to the material's quality.

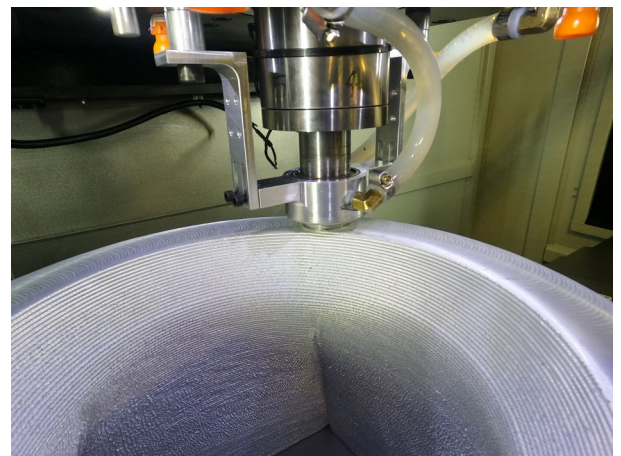
Bigger

MELD's open-atmosphere operation and scalable equipment allow it to make larger parts than similar technologies. MELD machines can grow as needed to produce large-scale components.



Better

Since MELD is a no-melt technology, the many issues introduced by melt-based processes are avoided. Furthermore, the parts are already fully-dense, require no secondary processing, and exhibit superior mechanical and performance properties.



Materials of Your Choice

Unlike many other processes, MELD offers freedom of choice for materials. The MELD technology allows the use of solid bars in a wide range of metals and metal matrix composites.

Faster

The size of MELD machines means they are able to deposit a range of metals at a rate unmatched by other metal additive processes.

Build. Coat. Repair. Add. Join. Innovate.

info@meldmanufacturing.com

+1 540.951.3980

Don't melt. MELD.

