



LUMEX

Empowering Customer Innovation



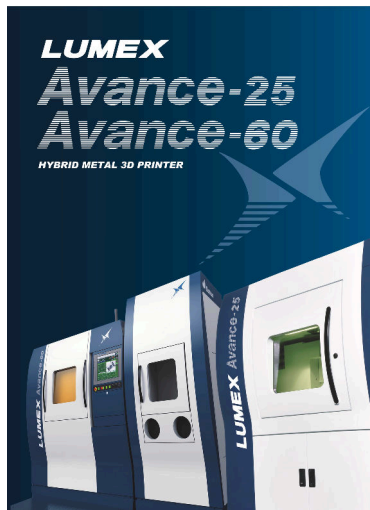
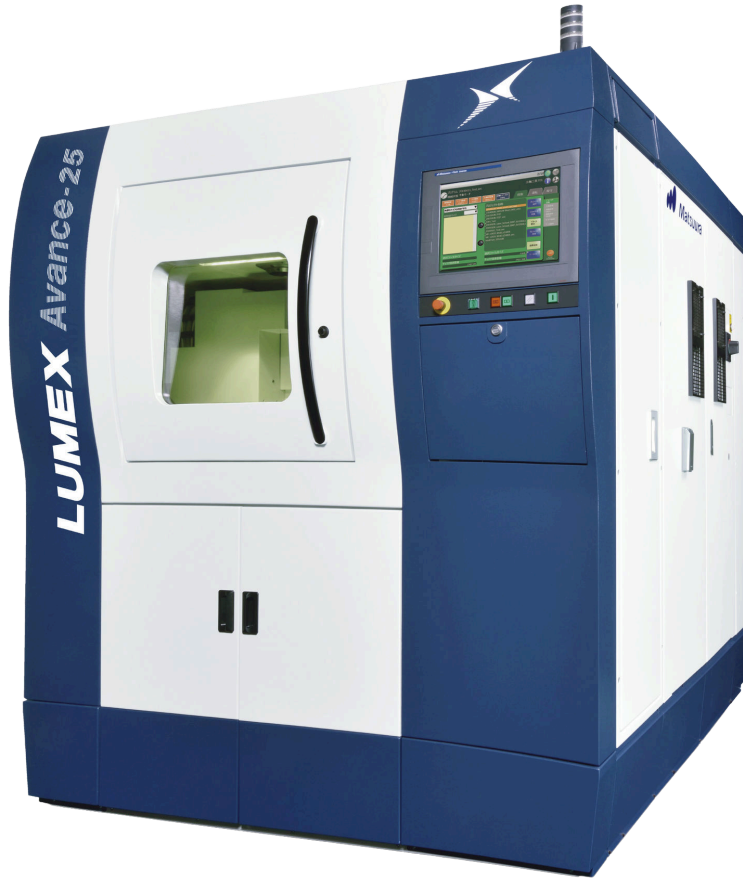
LUMEX SERIES

METAL LASER SINTERING HYBRID MILLING MACHINES WITH POWDER BED METAL AM PLATFORM & SUBTRACTIVE MACHINING CAPABILITY

- Achieve lights out manufacturing, improve time to market, eliminate outsourcing expenses, reduce costs, minimize EDM/Polishing, and empower customer innovation with Matsuura's LUMEX Technology.
- Creates a "finished" part with machined surface finish and accuracy, without inducing the additional variation caused by multiple machine set-ups and part handling.
- 3-D cooling channels incorporated into molds on the LUMEX increase cooling efficiency and enable high-cycle injection molding with better-than-ever quality and precision, which reduces not only cycle time, but cost as well.
- Moldmakers see improved cycle times, sometimes as much as 50% using conformal cooling, and improved part yields and initial part quality by utilizing the variable porosity capabilities of the powder bed fusion process to assist in the venting of mold gases in the flow front.
- True digital manufacturing, which means the ability to build a production tool in days versus weeks or months, with reduced tooling costs.

LUMEX AVANCE-25

METAL LASER SINTERING HYBRID MILLING MACHINES
WITH POWDER BED METAL AM PLATFORM &
SUBTRACTIVE MACHINING CAPABILITY



LUMEX Series
Innovation by Matsuura

AVANCE-25

HYBRID METAL 3D PRINTER



LUMEX Series
Innovation by Matsuura

DEFINING HYBRID
ADDITIVE
MANUFACTURING FOR
MOLDMAKING

TOM HOULE



LUMEX Series
Innovation by Matsuura

PRECISION AND
ACCURACY FOR 3D
PRINTED PARTS

MATSUURA LUMEX



LUMEX Series
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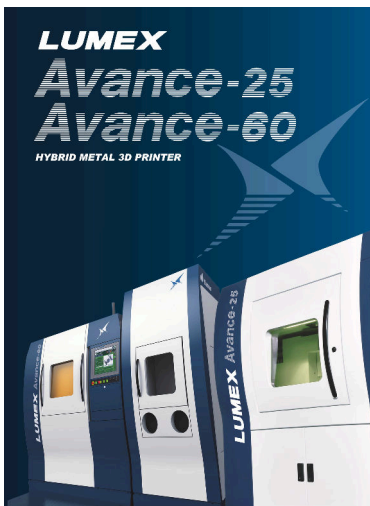
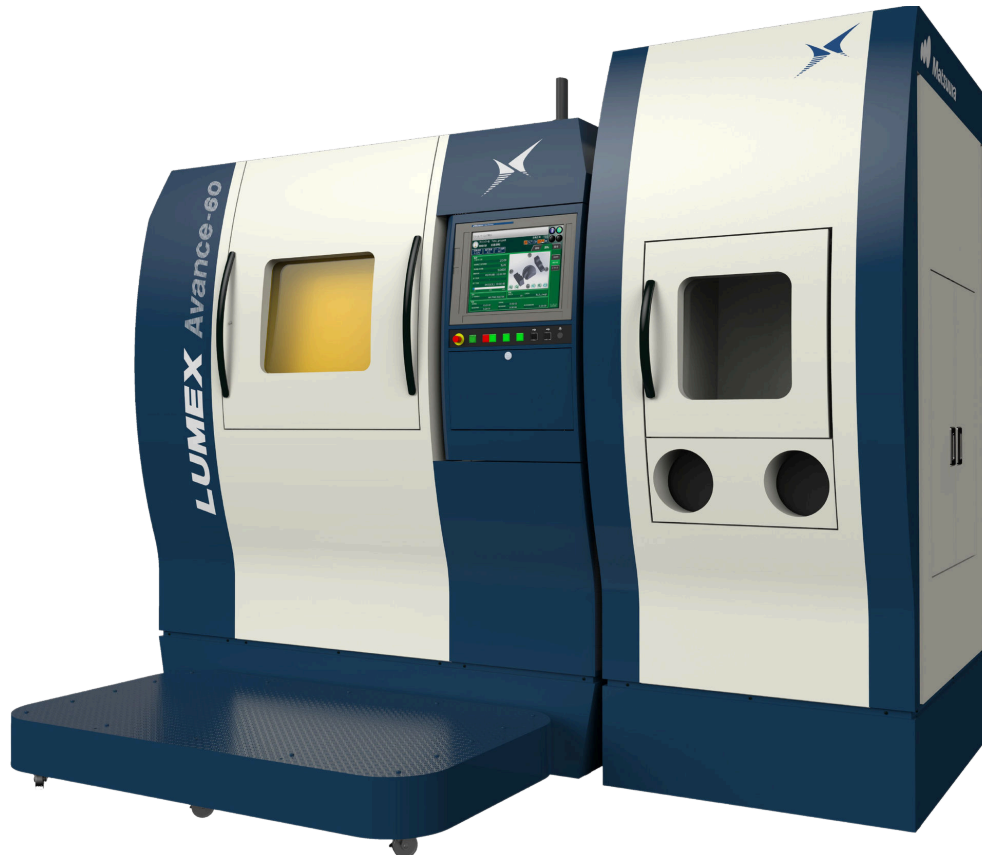
INNOVATIVE COLLABORATION
TO ADVANCE A NEW
APPROACH TO INTEGRATED
ADDITIVE AND SUBTRACTIVE
MANUFACTURING

MATSUURA LUMEX



LUMEX AVANCE-60

METAL LASER SINTERING HYBRID MILLING MACHINES
WITH POWDER BED METAL AM PLATFORM &
SUBTRACTIVE MACHINING CAPABILITY



MATSUURA LUMEX PRODUCTION SERVICES

MATSUURA, THE NORTH AMERICAN EXPERTS IN METAL 3D PRINTING AND HIGH-SPEED MILLING, OFFERS QUICK-TURN PROTOTYPING PRODUCING A WIDE RANGE OF PARTS, INCLUDING UNIQUE FUNCTIONAL PROTOTYPES AND LOW TO MID-VOLUME PRODUCTION RUNS.

LUMEX Series
Innovation by Matsuura

REDEFINING MANUFACTURING



MATSUURA'S METAL ADDITIVE MANUFACTURING SERVICE BUREAU

Matsuura, the North American experts in Metal 3D Printing and High-speed Milling, is now offering quick-turn prototyping producing a wide range of parts, including unique functional prototypes and low to mid-volume production runs.

THE MATSUURA LUMEX TEAM

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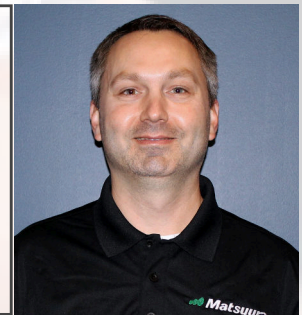
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