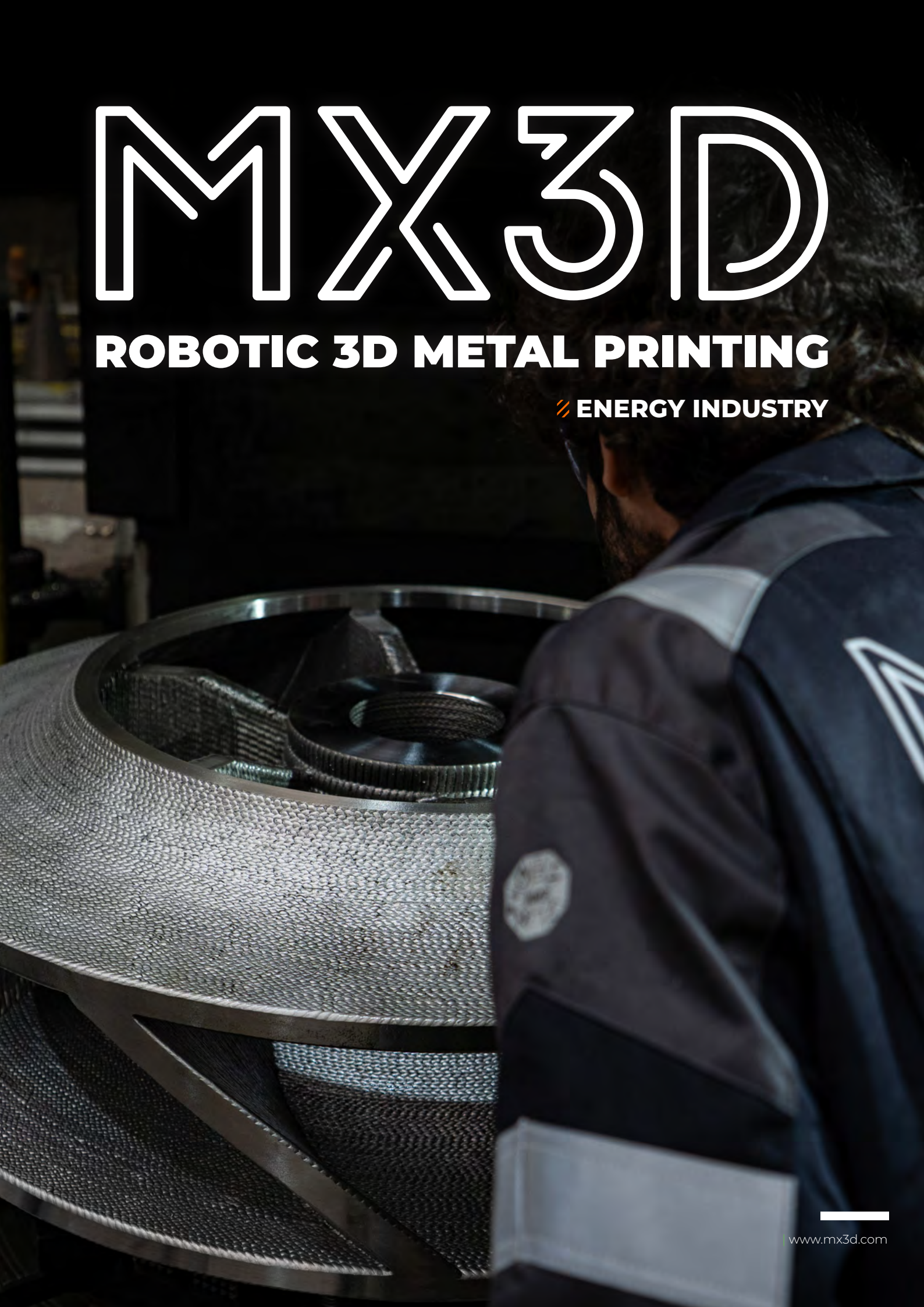

MX3D
ROBOTIC 3D METAL PRINTING
ENERGY INDUSTRY
www.mx3d.com

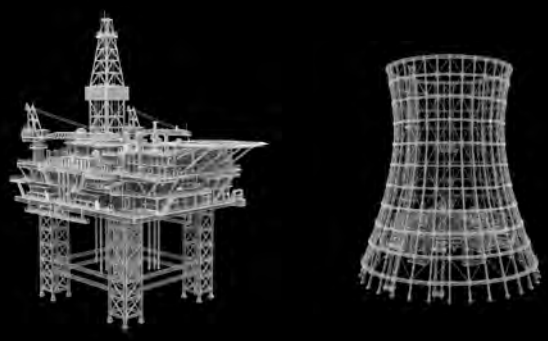
MX3D

ACCELERATING ENERGY PRODUCTION READINESS WITH MX3D'S WAAM TECHNOLOGY

THE CHALLENGES

- Unavailability of spare parts.
- Casting and forging parts have long lead times.
- Quality issues with castings.
- Extensive lead time for repair.
- No drawings or knowhow available.

> MX3D's WAAM technology is the foundry of the future!



MX3D'S SOLUTION

- MX3D enables the energy industry 3D print metal parts bigger & faster using Robotic Wire Arc Additive Manufacturing (WAAM).
- Slashes lead time by months for unique or small serial large-scale metal parts (new, optimised, replacement & repair).
- We sell turnkey systems to produce and repair large-scale metal parts on-site.
- Store CAD files in a digital inventory for immediate on-demand production when need is urgent or high.
- Reverse engineering (by 3D scanning) of legacy parts into 3D printing files.

> MX3D builds turnkey systems allowing for on-site & on-time production of large-scale critical components.

COMPANY

- World leader in robotic 3D metal printing supplying Framatome, EDF, Engie, Total Energies, ExxonMobil, etc.
- We provide qualified on-demand manufacturing and advanced turnkey solutions (M-Systems).
- Largest production facility in Europe, with 15+ robots running.
- Capable of printing complex parts larger than 5000mm and over 10 tonnes of weight.
- ISO9001 certified. Audited for API20S by Fieldnode. In compliance with ASME Section IX, EU's Pressure Equipment Directive.
- Can meet strict certification requirements for energy parts. Works with LRQA, Bureau Veritas and DNV.
- Highly experienced in steels (stainless / high strength / duplex) and other metals such as Inconel, copper and NiBrAl.

> MX3D is the Go To company for qualified 3D printed energy components of any size in metal.

APPLICATIONS

Valve (Bodies)	Flanges	Shafts	Heat Exchangers	Connectors	Impellers (Open/Closed)
Casings	Pressure Vessels	Thrusts	Pipe Clamps	Tubes	Pump Impellers

BENEFITS

- Increased strategic autonomy.
- Substantially faster parts delivery, slashing lead time.
- Obsolete parts manufacturing through reverse engineering.
- Spare parts inventory level reduction.
- Significantly improved supply chain resilience.
- Immediate on-demand parts manufacturing capability.

> MX3D makes energy industry leaders more autonomous, faster, efficient and resilient to supply chain disruptions.





TotalEnergies ExxonMobil Fieldnode DNV ISO 9001 ENGIE EDF framatome

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