RADIAN FORGE
WIRE ARC ADDITIVE MANUFACTURING

PROBLEM STATEMENT

The U.S. Navy's shipbuilding backlog exceeds $30 billion, with part lead-times reaching 12-18 months.

BENEFITS

1. Made in America, stays in America. Fast-turn fabrication of critical components, shafts, hubs, valves, missile bodies with no 18-month waits.

2. Heavy WAAM firepower to reinforce shipyards, primes, and depots. Surge production and major repairs under compressed timelines.

3. Containerized WAAM for Marines, SOCOM, and Navy afloat units. Repair, rebuild, and fabricate in place, manufacturing that moves with the fight.

TECHNOLOGY SOLUTION

Our platform supports rapid qualification and controlled processing of advanced alloys used across shipbuilding, propulsion, energy, and high-stress structural systems.

GRAPHIC

