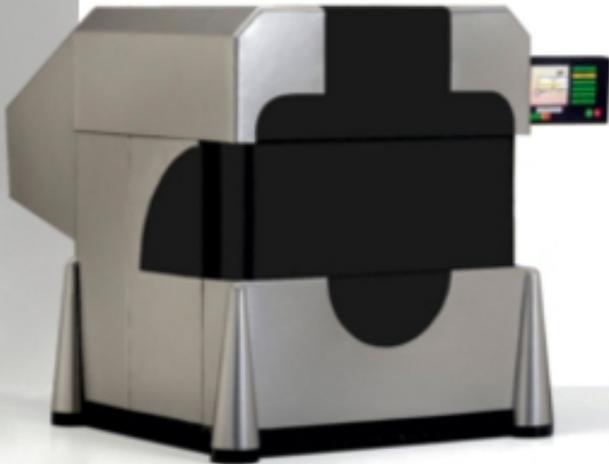


+1000K Arc Metal Deposition Machine

Imagine what you could do with this machine...



Game changing process for producing near net shape metal parts in an environmentally responsible design

Replace:

- + Castings,
- + Forgings,
- + Parts Machined from Billet,
- + Thick Walled Stampings,
- + Multi-Component Weldments, and
- + Whatever you can imagine.

Arc Metal Deposition technology:

Capable..... Deposit in steel, aluminum, stainless steel, plus more... as desired

- + Deposit up to 4 materials on the same part
(30 second, automatic changeover)
- + Heat treat the material during the build
- + Produce near net shape parts ready for final machining
- + Build volume of 1 cubic meter... Large enough to build

A plastic injection mold for a 500 ton press, or

A V8 engine block, heads, and connecting rods at the same time, or

A Sheet metal stamping die with E70 steel base and tool steel surfaces

Safe Fully enclosed to eliminate exposure to molten metal or possible fumes

Clean..... Wire feed stock rather than messy and potentially dangerous metal powder

Fast..... Greater than 2.5 Kg/hr deposition (depending upon part and feed stock)

Cost effective.. Raw materials as low as \$12 per Kg

The machine is 1/2 the price of competitors' less capable equipment

Proven AMD™ Process is a major advance to efforts made over three decades

Learn more about the +1000K at www.Plus-Mfg.com



Responsibly changing the world!

+1000K Arc Metal Deposition Machine

System Specifications

Base System

Build Volume	1,200X 900 X 600 mm
Overall size	2,450 W X 2450 D X 2,285 H
Input Power	220VAC 3 phase
Deposition Rate	2.5Kg/Hr (using 0.035 wire)
Other Features	One metal deposition head Feeding from spools or 500 pound drums Continuous monitoring of part temperature Quenchant tank and chiller to cool or heat treat part “White Glove” service Membership in the + community

Upgrades

- + Up to three additional deposition heads/materials
Automatic changeover between materials
- + Up to 20Kg/Hr deposition rate (using 0.065 wire)

Materials

Current offerings:

E70 Steel,
300 series stainless steel,
6000 series aluminum,
Titanium

Coming Soon:

7000 series aluminum,
Copper,
Others

