

# AMTANK Armor

## Fabricating Capabilities

### Laser Cutting

Up to 1-1/4 inch (31.75mm) thickness, lengths to 114 feet (34.7m)

### Burning

CNC flame through 36 inches (914mm), CNC Plasma Arc through 6-1/2 inches (165mm)

### Robotic Contour Beveling

Oxyfuel through 11 inches (279 mm)  
Plasma through 1-1/4 inch (32mm)

### Shearing

Up to 3/4 inch (19mm) thickness, lengths to 50 feet (15m)

### Punching

CNC up to 1-1/8 inch (29mm)

### Press Brake Forming

1/4 inch (6mm) to 13 inch (330mm) thicknesses, lengths to 59 feet (18m)

### Rolling

Thicknesses up to 12 inches (305mm), lengths to 20 feet (6m)

### Welding

Submerged Arc (SAW), Flux-core (FCAW), MIG (GMAW), TIG (GTAW), Stick Electrode (SMAW), Plasma Arc (PAW), Robotic & [Hybrid Laser \(HLAW\)](#)

### Non-Destructive Testing

X-Ray, Dye Penetrant, Magnetic Particle & Ultrasonic

### Blasting

### Machining

### Grinding

### Kitting

### Heat Treating

Stress Relieving  
Normalizing  
Annealing

### Material Processing:

- Carbon
- Alloy
- HSLA (High-Strength Low Alloy)
- Armor (High hard)
- Exotic Alloys (Titanium, Zirconium, Tantalum & Nickel Alloys)

### Quality Systems Include:

ASME stamps "N", "NS", "NA", "NPT", "N3", "U", & "S"

NQA-1, 10CFR50, 10CFR71, 10CFR72  
ISO 9002/MIL 45208A compliant

### Welding Procedures:

ASME Section IX  
AWS D1.1  
MIL-STD-248  
NAVSEA -250 -1500



*Your Armor Technology & Manufacturing Partner*

AMTANK Armor, LLC  
12314 Elmwood Avenue  
Cleveland, Ohio 44111  
Phone: 216-920-3370  
Fax: 216-920-3371  
[info@amtankarmor.com](mailto:info@amtankarmor.com)