

## DETA CLAD® EXPLOSION WELDED CLAD

DMC Clad Metal Division manufactures Detaclad® explosion welded clad from virtually any combination of commercially available metals or alloys. The resultant clad can be provided as high quality clad plates, heads and tubesheets for pressure vessels, heat exchangers, condensers, autoclaves and tanks. Sizes are limited only by availability of materials and transportation restrictions.

### RELIABLE IN QUALITY AND DELIVERY

#### CLAD PLATE



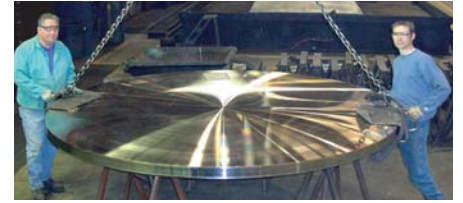
- > Length - up to 480 inch
- > Width - up to 200 inch
- > Clad Alloy Thickness - up to 2.5 inch
- > Base Metal Thickness - up to 16 inch
- > Comply with ASME Code Sections II & VIII

#### CLAD HEADS



- > Diameter - Single piece heads to 240 inch (alloy dependent), No Limit on Segmental Heads
- > All Standard Configurations- F&D, Hemispherical, Elliptical
- > Hot or Cold Formed
- > Comply with ASME Code Sections II & VIII

#### CLAD TUBESHEETS



- > Clad Alloy Thickness - up to 2.5 inch
- > Base Metal Thickness - up to 40 inch
- > Diameter - up to 200 inch
- > Comply with ASME Code Sections II & VIII

#### PRODUCT SIZE LIMITS:

Size limits will vary with alloy types and thicknesses. Typical maximums are presented. Parts larger than listed above may be produced for specific applications.

#### QUALITY SYSTEM & CODES:

DMC Clad Metal Division's Quality system is ISO 9001-2000 Approved. Clad products can be manufactured in accordance with ASME or most other design codes.

## WORLDWIDE DMC CLAD METAL PRODUCTION

DMC Clad Metal Division is North America's largest explosion clad manufacturing company. Along with Nobelclad (France) and Nitro Metall (Sweden), Clad Metal Division is part of the DMC worldwide explosion clad manufacturing group. The consolidated capabilities and technologies of the DMC Clad Metal Group provide maximum assurance of quality and delivery reliability.



PROCESS EQUIPMENT MANUFACTURED FROM DETACLAD® PLATE



Titanium-Steel clad autoclave for pressure acid leaching of nickel and cobalt ore.  
204 inch ID x 115 feet long x (4 inch steel + 0.25 inch titanium)



Stainless steel clad refinery column. 180 inch ID x 116 feet long x (4 inch Cr-Mo steel + 0.12 inch type 321 stainless steel.)



Nitric acid cooler condenser with zirconium tubes and 48 inch diameter zirconium + stainless steel clad tubesheet.

