

Product Description

De Dietrich clamped top reactors feature a removable head, have sturdier flanges and are fabricated from thicker steel than competitive vessels, which reduces flange warpage and provides greater corrosion allowance. There are other features too which make installation, operation and maintenance much easier.

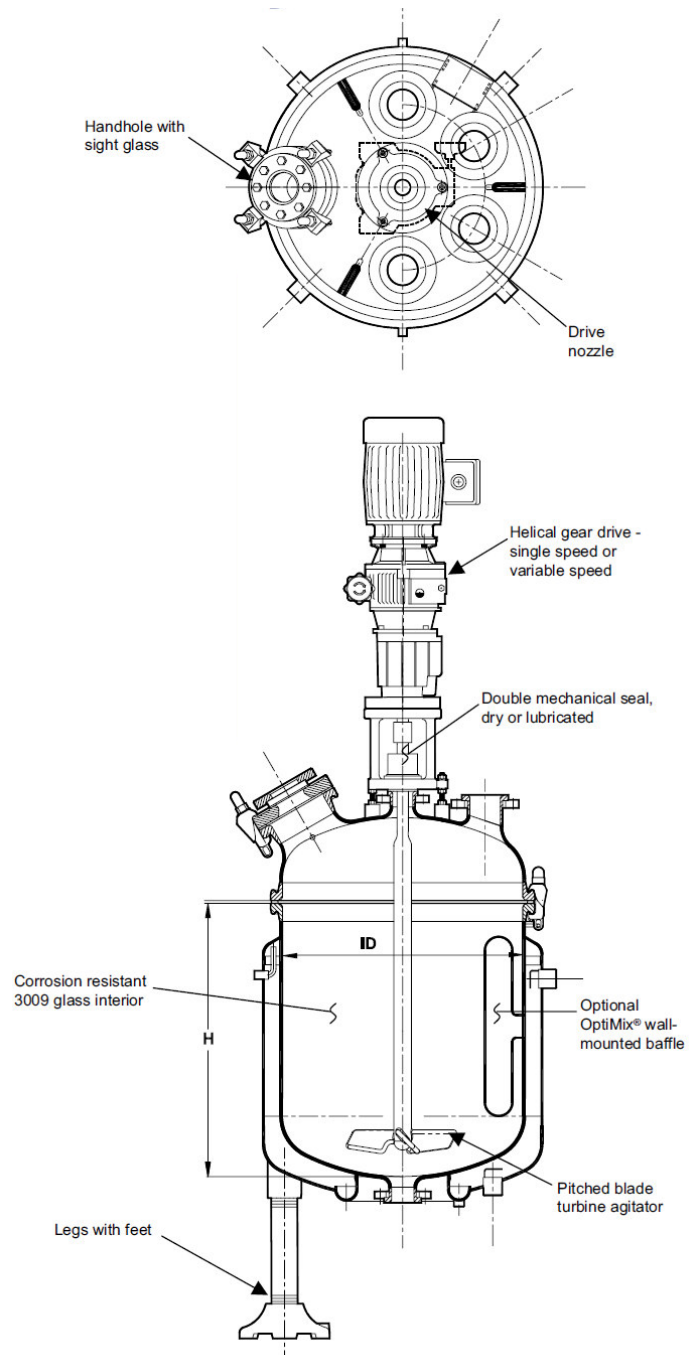
CTJ Reactor Advantages

- Drive does not obstruct nozzles or accessories
- All welds are examined by dye penetrant test and ultrasonic test, standard
- Lifting lugs individually capable of supporting the empty vessel for ease of handling
- Greater heat transfer due to increased turbulence in smaller annular jacket space
- Designed for today's cleanability demands
- 20,000 volt spark test standard
- Guaranteed plug free
- Vessel internal and jacket allowable temperature differentials are greater than competitive designs

Options

- Conventional, HemiCoil® (split-pipe coil) or full conventional to the flange on bolted designs
- AC inverter for controlled variable speed
- All glassed, fast response RTD temperature sensor (no gasket or metal thermowell in the vessel)
- Insulation and stainless or carbon steel sheathing
- Electronic tachometer
- Dry running seal
- Cone bottom design with chevron style agitator
- Vessels available in glass lined stainless steel or with glass lined stainless steel manway or top covers

CTJ Reactor Features

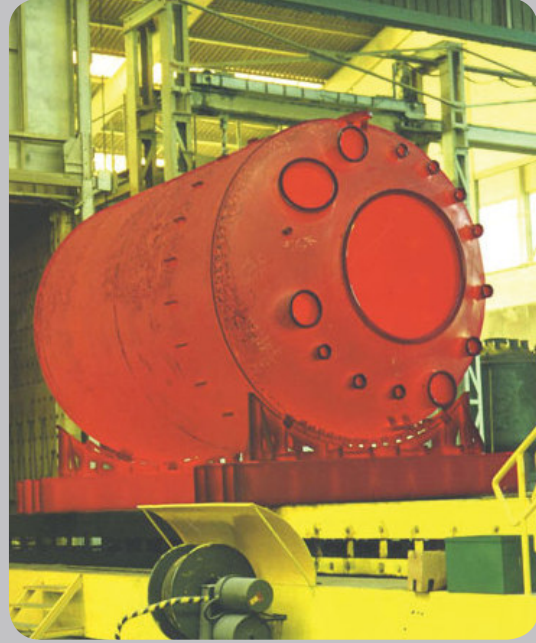


SPECIFICATIONS

- Volumes from 5 to 2000 gallons
- Pressures from full vacuum to 90/150 psig
- Temperatures from -20 °F to 500 °F



A skilled technician is applying our high performance 3009 glass formulation to the welded-up reactor. The glass lining is sprayed on the prepared steel. The vessel is then moved into the furnace to "fuse" the glass and steel together, via mechanical and chemical adherence.



At DDPS all furnaces for high temperature firing (baking) of glass lined steel equipment are all electric. These sophisticated furnaces enable DDPS to produce more "plug free" vessels than any other glass-lined steel manufacturer in the world.

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