**CTJ-100 OPTIMIX®**

**100 GALLON JACKETED GLASS-LINED STEEL REACTOR**

**De Dietrich Process Systems, Inc.**

De Dietrich Process Systems GmbH
Hattenbergstraße 36
D-55122 Mainz
Tel.: +49 (0) 61 31/97 04-0
Fax: +49 (0) 61 31/97 04-500
mail@qvf.de
www.qvf.com

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**Specifications**

- **Vessel Design Pressure (psig)**: 150 and F.V.
- **Jacket Design Pressure (psig)**: 115 or 100 w/ Int. F.V.
- **Design Temperature (°F)**: 500
- **Jacket Heating Area (sq. ft.)**: 25.5

**Dimensions (Inches)**

- A: 36 1/4
- B: 14 1/2
- C: 54 7/8
- D: 115 15/16
- F (I.D.): 32
- G (O.D.): 37 3/8
- H (nozzle elevations): 14

**Capacity (gallons)**

- Working: 100
- Total Volume: 145.5
- Head Volume: 18.5
- Per Inch Straight Side: 3.5
- Jacket: 32

**Weight (pounds)**

- Bare Body (no accessories): 1,650
- Complete (with drive system): 2,160
- Add for Shipping: 400

**Lenze® Helical Gear Drive**

- Motor: 3HP
- Motor Type: XP
- Drive Size: GST06 2N VCR 5E
  - Low Noise Level

**Pitch Blade Turbine Agitator**

- Span (inches): 16
- Blade Angle: 45°
- Speed (standard speed): 139 RPM
  - Clockwise Rotation