

**CTJ-30 OPTIMIX®**  
**30 GALLON JACKETED**  
**GLASS-LINED STEEL REACTOR**

**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.)	12

**Dimensions (inches)**

A	27 <sup>3</sup> / <sub>16</sub>
B	6
C	36 <sup>9</sup> / <sub>16</sub>
D	92 <sup>11</sup> / <sub>16</sub>
E	12 <sup>1</sup> / <sub>2</sub>
F (I.D.)	19 <sup>1</sup> / <sub>4</sub>
G (O.D.)	23 <sup>5</sup> / <sub>8</sub>
H (nozzle elevations)	
1 1/2" nozzle	5
2" nozzles	5 <sup>1</sup> / <sub>2</sub>
J (nozzle radius)	
1 1/2" nozzle	7 <sup>1</sup> / <sub>4</sub>
2" nozzles	7 <sup>3</sup> / <sub>4</sub>

**Capacity (gallons)**

Working	30
Total Volume	34
Head Volume	3
Per Inch Straight Side	1.25
Jacket	12

**Weight (pounds)**

Bare Body (no accessories)	850
Complete (with drive system)	1050
Add for Shipping	150

**Lenze® Helical Gear Drive**

Motor	1.5HP
Motor Type	XP
Drive Size	GST05 2N VCR 5D
• Low Noise Level	

**Pitch Blade Turbine Agitator**

Span (inches)	10
Blade Angle	45°
Speed (standard speed)	214 RPM
• Clockwise Rotation	

