

CTJ-50 OPTIMIX®
50 GALLON JACKETED
GLASS-LINED STEEL REACTOR

Specifications

Vessel Design Pressure (psig)	150 and F.V.
Jacket Design Pressure (psig)	125 or 110 w/ Int. F.V.
Design Temperature (°F)	500
Jacket Heating Area (sq. ft.)	14

Dimensions (inches)

A	28
B	6 1/2
C	37 7/8
D	94 5/8
F (I.D.)	22 7/8
G (O.D.)	27 9/16
H (nozzle elevations)	
1 1/2"	5 1/2
2"	6
3"	6

Capacity (gallons)

Working	50
Total Volume	50.5
Head Volume	5
Per Inch Straight Side	1.76
Jacket	17

Weight (pounds)

Bare Body (no accessories)	1,000
Complete (with drive system)	1,500
Add for Shipping	150

Lenze® Helical Gear Drive

Motor	2HP
Motor Type	XP
Drive Size	GST06 2N VCR 5D
• Low Noise Level	

Pitch Blade Turbine Agitator

Span (inches)	12
Blade Angle	45°
Speed (standard speed)	175 RPM
• Clockwise Rotation	

