



Three Tall Form Production Dryers





Imagine the

QIC Contract Manufactures spray dried and spray chilled powdered ingredients for the food, nutrition, supplements, medical, and chemical end markets. Our tolling services are centered on powder production; may be supplemented with formulation development and process protocol development services, and/or post production processing.

Water Evap Rate	350# - 650#/Hr	
Min Batch Size	500#	
Solids Range	20% - 100%	
Nozzles	One	
Homogenizer	5K lb PSI	
Pressure Pump	5K - 10K lb PSI	
Exhaust	Wet scrubber	
Fluid Bed	Yes	
Silos	Three	
Packaging	Bags, drums, bag in box	
Special Capabilities	• Spray chill encapsulation (no added heat)	
	• Cat Ox odor control	

Two Pilot Dryers

- Tall form offers 1 2 runs per day
- Mobile Minor offers 4-10 runs per day
- 5K lb homogenizer for micro emulsions
- Spray chill capable
- Science and engineering expertise to assist in formulation, designed experiments, process development, and problem solving

Safety & Quality Capabilities

- Safe Quality Food ("SQF") Level II company
- Hazard Analysis/Critical Control Points plans
- Kosher, Halal, Organic certifications
- EU export approved
- Inspected by/compliant w/MN Dept. of Ag. & FDA
- Refrigerated raw material storage
- Analytical testing

~ ~ ~ ~ ~ ~ QUALITY INGREDIENTS' COMMITMENT TO YOU ~ ~ ~ ~ ~ ~ ~ ~

Moving Forward Together

Drive innovation and problem solving in process development/optimization and formulation

Safe, Consistent, Reliable Products Everyday

Employee and food safety procedures prioritized first

• Flexible processing options; multiple

• Fines recirculation (limited agglomeration)

passes; multiple configurations

Process control practices manage variation and risk

Building Partnerships on Trust, Confidence, and Customer Care		
INTEGRITY	RESPECT	COMMITMENT
"Right & Equitable"	"Transparency"	"Do What We Said"