

SIMPLIFYING SURFACE SELECTION



When it comes to food processing equipment, cleanability isn't just about hitting a target roughness average (Ra). A peer-reviewed study from the Journal of Food Protection (Frank & Chmielewski, 2001) found that surface defects such as scratches and pits were far more predictive of equipment cleanability than finish type alone. In fact, highly marketed finishes like "electropolished" were not always cleaner—especially when applied to a roughly finished base.

HERE'S HOW WE DO IT DIFFERENTLY:

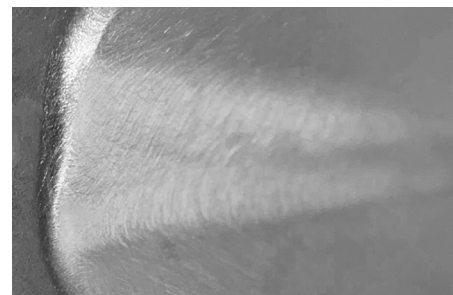
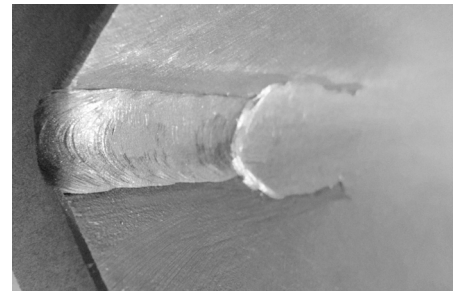
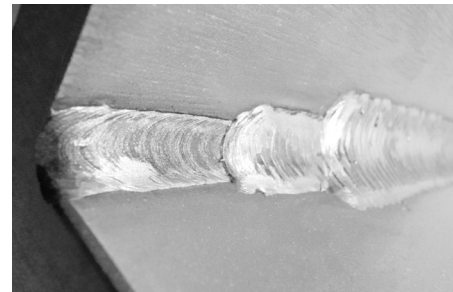
- **Full Surface Inspection:** We manually inspect and verify every surface and weld—ensuring proper radii, no crevices, and smooth transitions throughout.
- **Continuous Welds Only:** Every internal weld is fully continuous, then radiused and polished, eliminating microbial harborage points.
- **Surface Defect Control:** We confirm both Ra and Rmax, because valleys and surface defects matter more than average roughness alone.
- **Process-Specific CIP Design:** Our team works with you to engineer CIP-compatible equipment—including SOPs, cycle automation, and chemical recommendations.
- **Rigorous Quality Assurance:** Our internal QA process ensures no poorly ground, scratched, or contaminated surfaces make it to your facility.

Just because it's shiny doesn't mean it's smooth—and only smooth surfaces are cleanable. We go deeper than gloss to get it right.

Other suppliers may focus only on surface finish type or offer partial polish treatments. Our approach goes further by designing for real-world sanitation success, validated by scientific research and trusted by the world's leading processors.

Ask us about our finish certification reports and custom sanitation validation programs.

CLEANER BY DESIGN. SMARTER BY SCIENCE. READY FOR AUDIT.

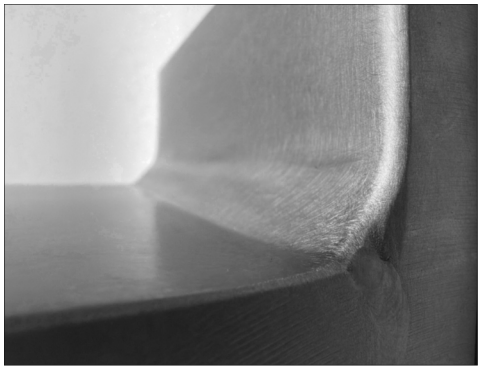

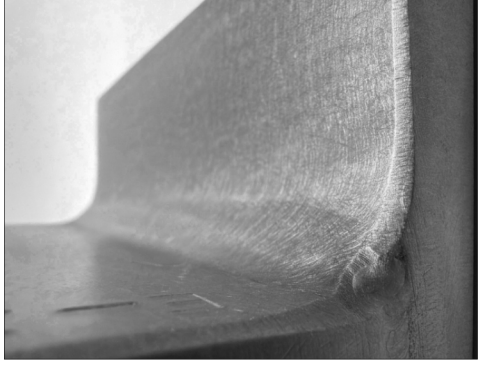



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OUR STAINLESS STEEL FINISH OPTIONS

Finish / Level	Grit / Method	RA Range (μ in)	Typical Applications	
Standard Industrial	No polish	Varies from mill	Non-product contact surfaces, structural framing	
Glassbead Blasted Finish (USDA Beadblast)	Oscillated, radiused and blasted	>45	Internal services in raw processing or low risk environments (Ingredient transfer, hopper walls)	
EZ Clean Finish (#2)	#2 Polish (150–180 grit)	30–40	Wet product contact, RTE prep lines	
Electropolished or Mirror	Electropolished after 2B/#4	5–15	pharma-grade	

All finishes above include continuous welds, verified radii, and manual surface inspection as standard.

LET'S MAKE IT CLEAN—AND KEEP IT CLEAN.
CONTACT US TODAY.



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