



**BLACKSTONE-NEY**

ULTRASONICS



FINAL CLEANING & PASSIVATION

CASE STUDY

TRANSFUSION BELLOWS



# LEAN AQUARIUS

## THE CHALLENGE:

Contamination:	Forming oil
Cleaning Expectations:	Parts per million
Drying Expectations:	100% dry
Part Acceptance Method:	Mass spectrometer & black light test
Production:	1,200 parts per hour
Loading / Unloading:	Automatic
Preceding / Succeeding Ops:	Forming / laser welding

## THE SOLUTION:

Equipment:	Lean Aquarius
Sequence:	Wash, rinse, rinse, nitric passivate 1 & 2, rinse, rinse, & dry 1 & 2
Cleaning Mechansims:	Immersion, ultrasonic energy, & chemical processes
Drying Mechansim:	High volume, heated air
Features:	Environmental enclosure, solution & air filtration, load / unload conveyors, system modem, PLC & HMI
Actual Footprint:	51' long x 9' wide

**Ransohoff**  
 (800) 248-9274  
 4933 Provident Drive  
 Cincinnati, OH 45246

**Blackstone-NEY Ultrasonics**  
 (800) 766-6606  
 P.O. Box 220  
 9 N. Main St.  
 Jamestown, NY 14702-0220

**CTG Asia**  
 (86)0512-66161698  
 56 Songshan Road  
 Suzhou New District  
 Jiangsu Province, China  
 PRC: 215151