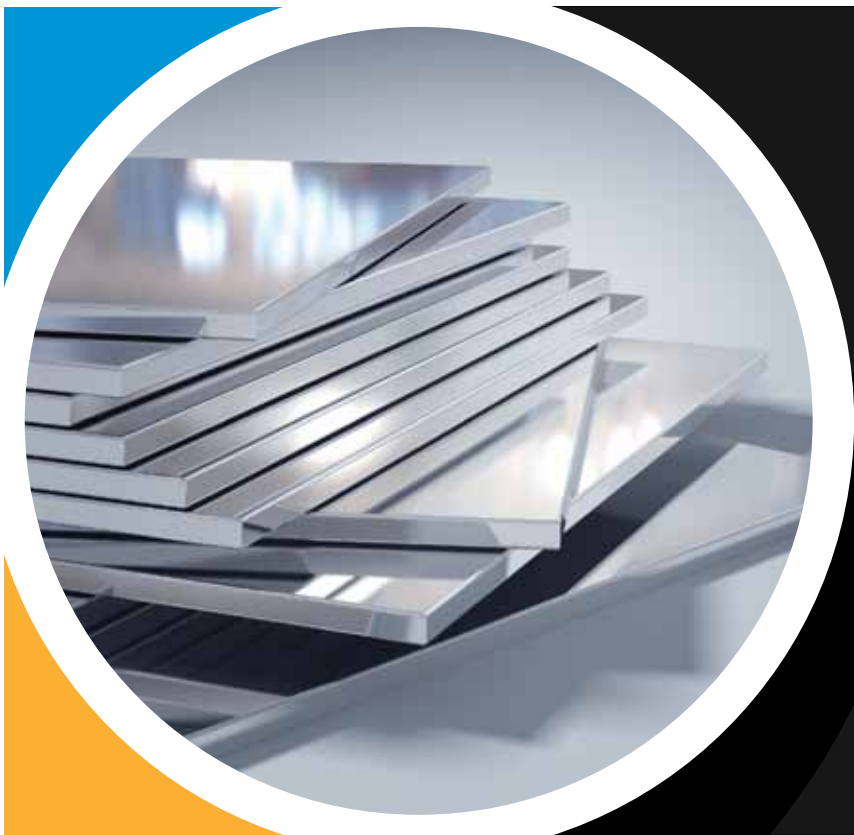




# BLACKSTONE-NEY

## ULTRASONICS



Machine Model- CleanVeyor

CASE STUDY

6063 Alum Device Housing

## THE CHALLENGE:

Contamination:	Polishing compound (0.1-10um), Oil, Wax, Chips
Cleaning Expectations:	Cosmetic "mirror" finish, no erosions on surface (>170 KHz ultrasonic required)
Drying Expectations:	100% Full Dry
Part Acceptance Method:	Visual checking on spot light
Production:	1.25 seconds per part
Loading / Unloading:	Manual
Preceding / Succeeding Ops:	Polishing /Pre-Anodizing
Footprint Constraints:	None specified
Blank:	Blank
Blank:	Blank

## THE SOLUTION:

Equipment:	CleanVeyor
Sequence:	Pre-Wash, Ultrasonic Wash, Spray Rinse, Blow Off
Cleaning Mechansims:	Spray , PVA Sponge , Multi-Frequency Ultrasonics
Drying Mechansim:	Hot Air Blow Off
Features:	Multi-Frequency Ultrasonics (80khz, 120khz, 140khz, 170khz, 220khz)
Actual Footprint:	25' long x 5' wide

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