



# CLEANING TECHNOLOGIES GROUP

RANSOHOFF BLACKSTONE-NEY ULTRASONICS CTG ASIA



Machine Model- Immerso Jet- Custom

CASE STUDY

Large Block Diesel Engine Block

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# IMMERSO JET- CUSTOM

## THE CHALLENGE:

Contamination: Coolant and chips

Cleaning Expectations: <500u whole block

Drying Expectations: Visual, drip free

Part Acceptance Method: Milipore

Production: 10 Minutes

Loading / Unloading: Automatic. Gantry drops part in washer

Preceding / Succeeding Ops: Machining

Footprint Constraints: None

## THE SOLUTION:

Equipment: Custom Immerso-Jet with clamp and flush on water jacket,  
300 gpm robot arm spraying various places

Sequence: Immersion wash, spray wash, clamp and flush, robot wash, filtered rinse,

Cleaning Mechansims: Spray, immersion, clamp and flush, robot wash

Drying Mechansim: Heated air

Features: Robot with 300 gpm spray wand, clamp and flush

Chemistry: Customer

Actual Footprint: 21' wide, x 16' deep x 12' tall

Other: Magnetic chip drag

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