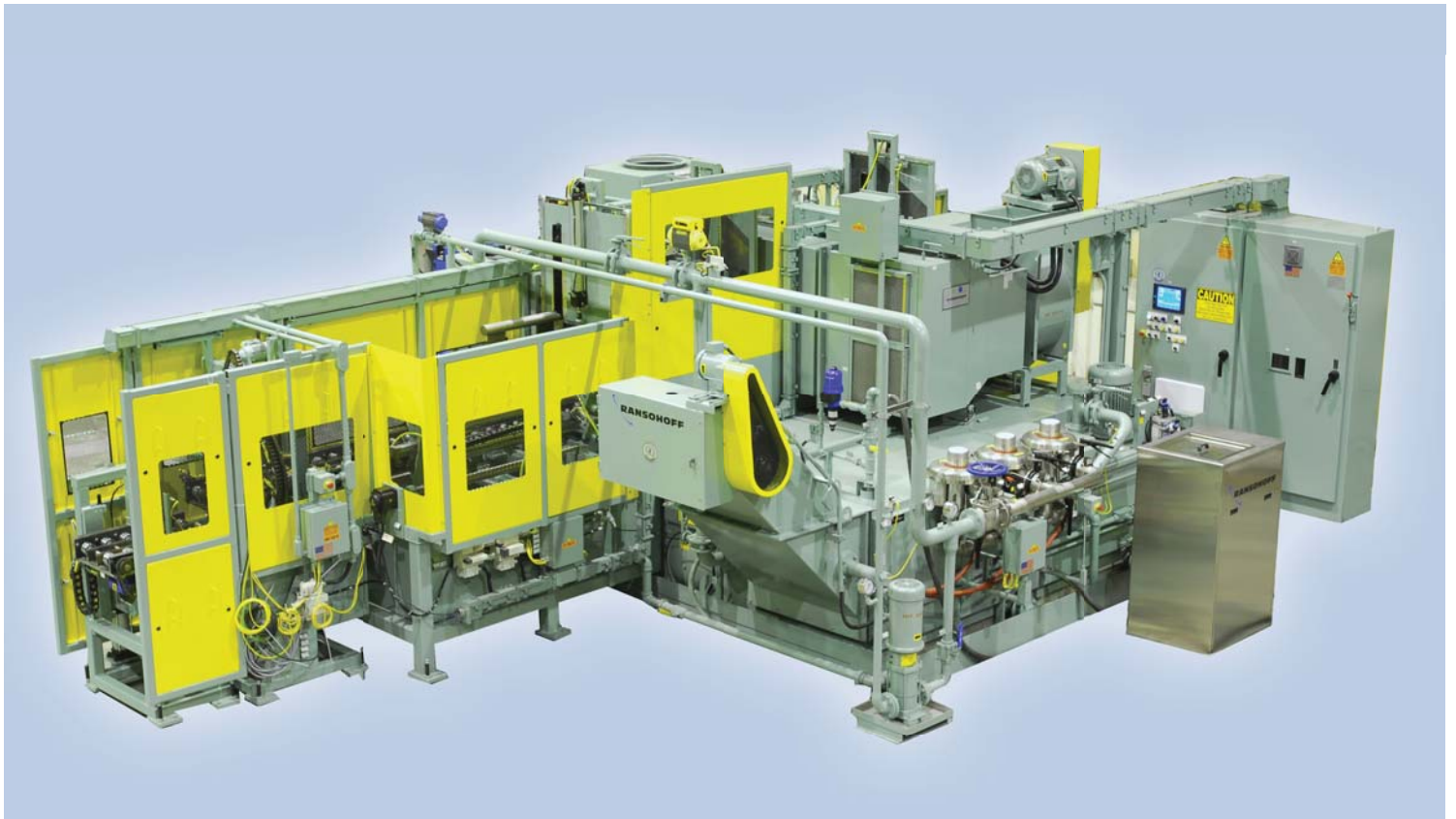
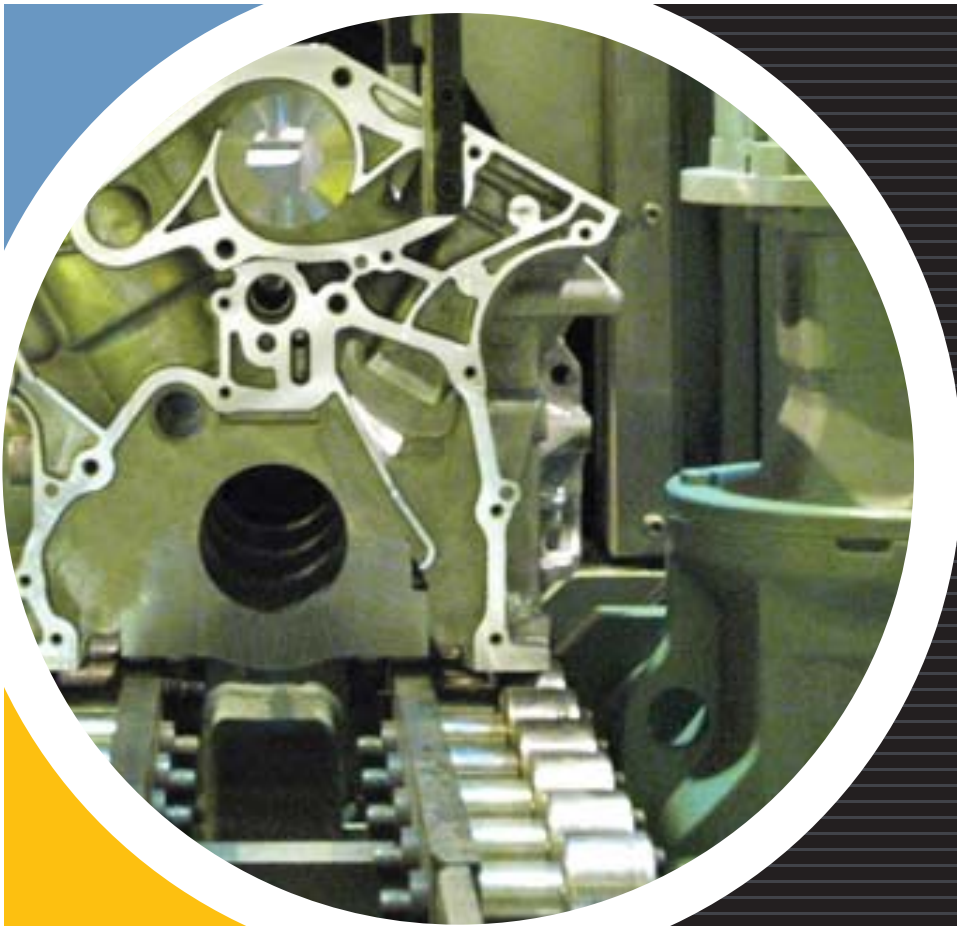


# Cleaning Technologies Group



AUTOMATED BLOCK WASHER



GASOLINE ENGINE BLOCK

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## AUTOMATED BLOCK WASHER

### GASOLINE ENGINE BLOCK

## The Challenge:

**Contamination:** Machining Chips and Coolant

**Cleaning Expectations:** 5mg max weight- Oil Passages / 10 mg max weight- Water Passages

**Drying Expectations:** 100% Dry

**Part Acceptance Method:** Std. Millipore Procedure

**Production:** 1 Part / 33 Seconds

**Loading / Unloading:** Automatic

**Preceding / Succeeding Ops:** Machining / Assembly

**Footprint Constraints:** As Small As Possible

## The Solution:

**Equipment:** Custom Conveyor System

**Sequence:** Wash & Dry

**Cleaning Mechansims:** Immersion, Rotation, & Spray

**Drying Mechansim:** High Volume, Heated Air & Rotation

**Features:** Load / Unload Part Rollover Automation with Elevators, ProSep Oil Removal System,  
Chemical Injection System, Chip Dragout Conveyor & Zero Gravity Filtration

**Actual Footprint:** 32' long x 17' wide



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