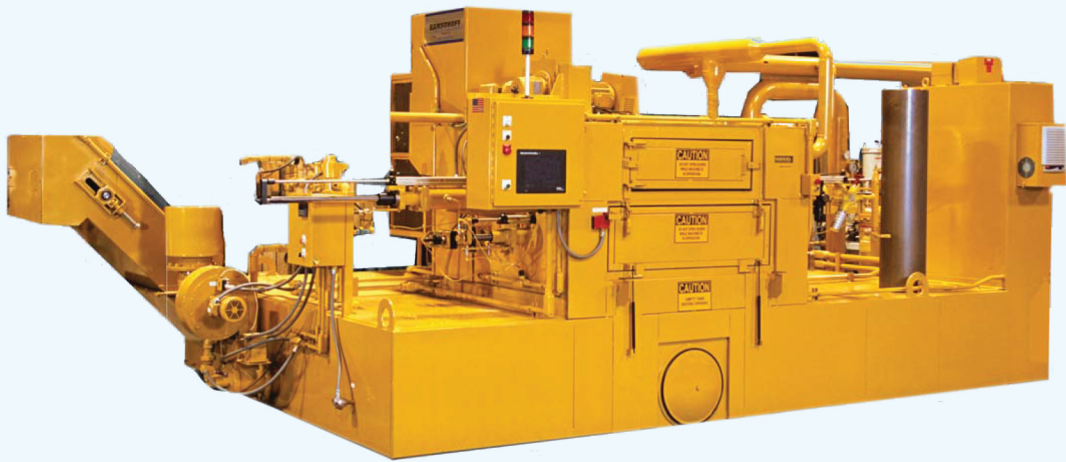




RANSOHOFF



CUSTOM IMMERSOJET
CASE STUDY
OFFROAD DIESEL HEAD

THE CHALLENGE:

Contamination: Cutting fluids & chips

Cleaning Expectations: 957mg per part max contaminant / 200 micron max particle size- oil circuit only

Drying Expectations: 100% Dry

Part Acceptance Method: Std. Millipore procedure- critical surfaces measured independently

Production: 4 parts per hour

Loading / Unloading: Manual (auto load available)

Preceding / Succeeding Ops: Final machining / Assembly

Footprint Constraints: None

THE SOLUTION:

Equipment: Custom Immersojet

Sequence: Wash & dry

Cleaning Mechansims: Mechanical brush probe, spray, immersion & rotation

Drying Mechansim: High volume, heated air

Features: Chip dragout conveyor, 10" hmi & plc, gas solution heat, brush probe,

Solution filtration, roller conveyors, & prosep oil removal system

Actual Footprint: 30' long x 13' wide

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