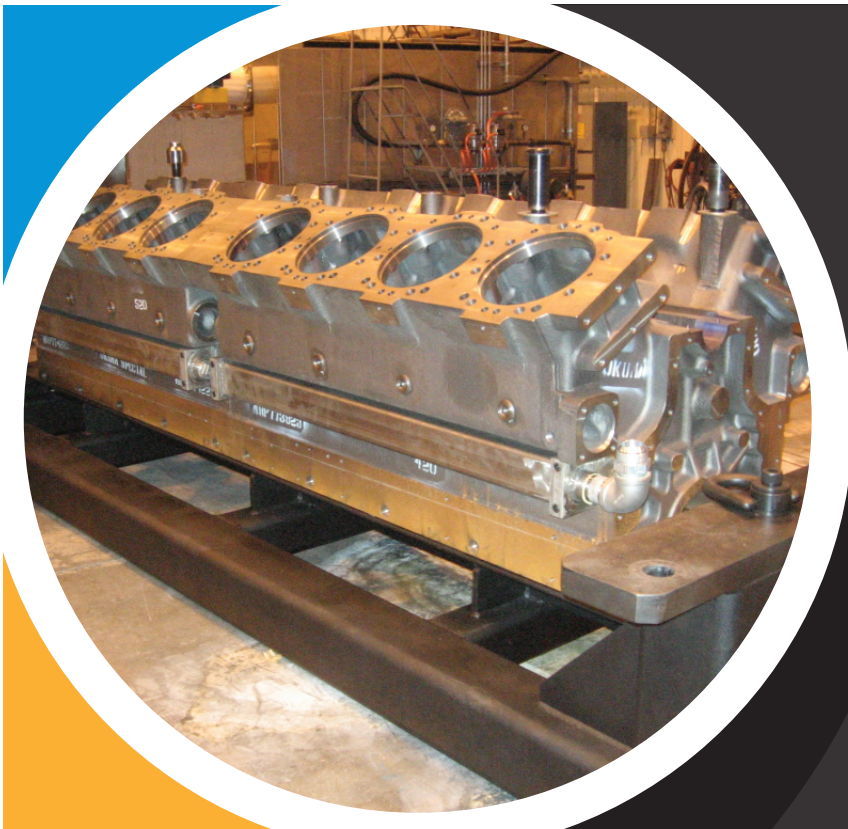




# RANSHOFF



CUSTOM IMMERSO-JET

CASE STUDY

LOCOMOTIVE ENGINE BLOCK

## THE CHALLENGE:

**Contamination:** Light contamination, dust, RP or chips.

**Cleaning Expectations:** 1mm max particle size in water jacket are and 0.5mm max particle size in oil passages.

**Drying Expectations:** 100 % Dry

**Part Acceptance Method:** Ransohoff standard Millipore procedure

**Production:** One (1) block every 120 minutes

**Loading / Unloading:** Manual load and unload with hoist

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

**Footprint Constraints:** None

## THE SOLUTION:

**Equipment:** Custom Immerso-Jet

**Sequence:** Wash & Dry

**Cleaning Mechansims:** Rotating the block with spray and turbulated immersion

**Drying Mechansim:** Blocks rotate past high volume heated air

**Features:** Chip drag out conveyor, gas solution heat & Pro-Sep oil removal system

**Actual Footprint:** 40' Length x 35' Wide x 12.5' Height

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