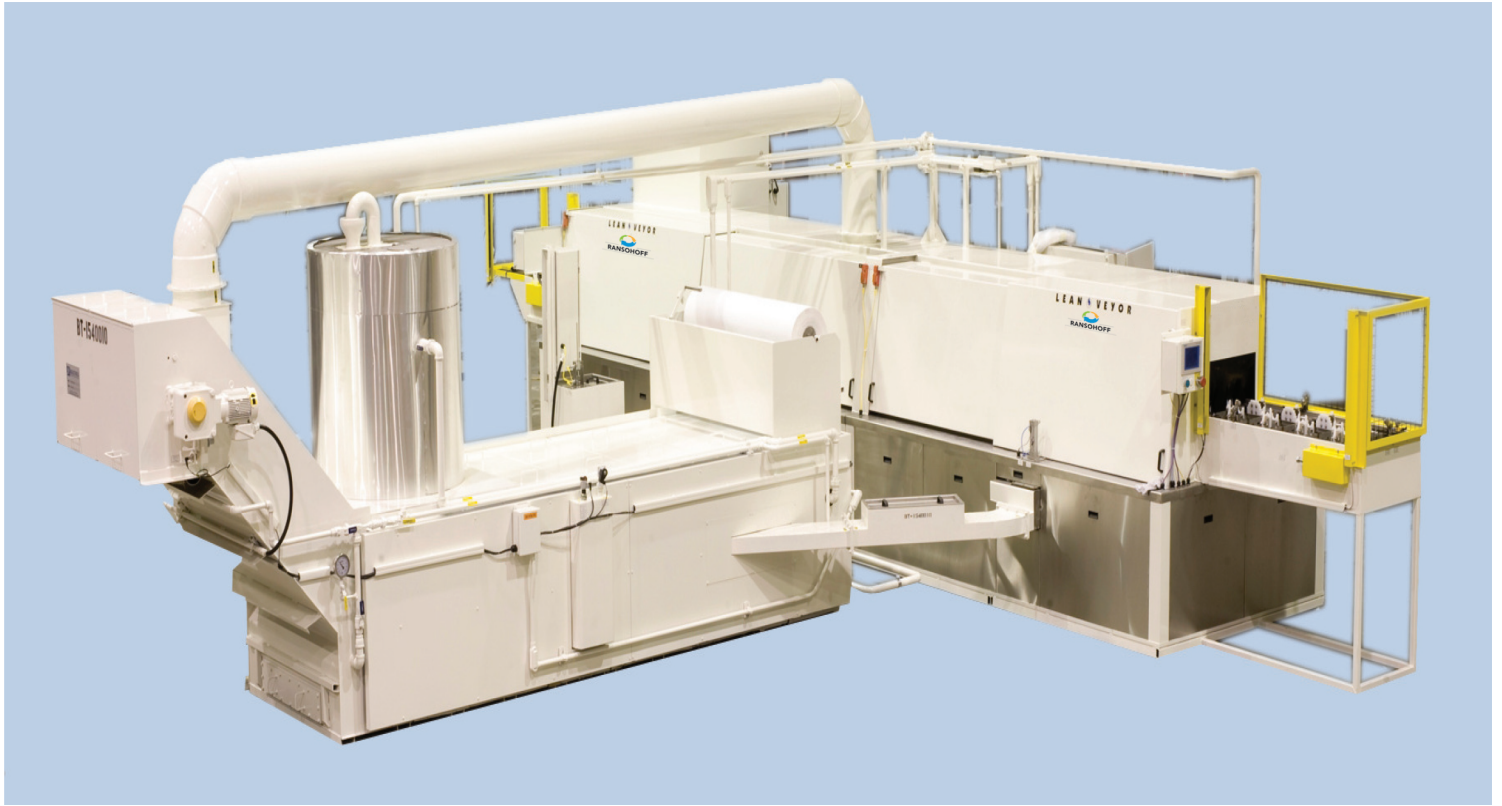




RANSOHOFF



LEANVEYOR LV-24

CASE STUDY

RING AND PINION GEARS



LEANVEYOR LV-24

RING AND PINION GEARS

LEANVEYOR

THE CHALLENGE:

Contamination: Grinding Swarf And Oil

Cleaning Expectations: .55 milligrams per gear set for an axle with 70oz of fluid fill

Drying Expectations: 100% Dry

Part Acceptance Method: Standard millipore procedure

Production: 72 sets per hour

Loading / Unloading: Automatic via gantry

Preceding / Succeeding Ops: Grinding/Test

Footprint Constraints: As small as possible

THE SOLUTION:

Equipment: 24" LeanVeyor

Sequence: Pre-wash, Ultrasonic wash, wash, rinse, heated blow-off

Cleaning Mechansims: Heated blow-off

Drying Mechansim: High volume, heated air & rotation

Features: Ultrasonics, Dual strand fixtureized conveyor, Duplex filtration wash and rinse

Pro-Sep, wash down stage in blow-off, Siemens controls, continuous vacuum filter

Actual Footprint: 35' Long x 31' Wide, x 8' tall with continuous filter

35' Long x 10' Wide x 8' Tall without continuous filter

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