



RANSOHOFF



LEANVEYOR LV-24

CASE STUDY

RING AND PINION GEARS

LEANVEYOR LV-24

RING AND PINION GEARS

LEANVEYOR

THE CHALLENGE:

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|-----------------------------|---|
| 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 |
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THE SOLUTION:

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| Equipment: | 24" LeanVeyor |
| Sequence: | Pre-wash, Ultrasonic wash, wash, rinse, heated blow-off |
| Cleaning Mechanisms: | Heated blow-off |
| Drying Mechanism: | 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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