



RANSOHOFF



Machine Model- Custom Indexing
Chain Conveyor

CASE STUDY

Dump Truck Cylinders

THE CHALLENGE:

Contamination: Burnishing residue and general shop contamination

Cleaning Expectations: All internal surfaces: largest particle size 600 micron

Drying Expectations: No puddling of water

Part Acceptance Method: Standard gravimetric test and particle analysis

Production: 1 part every 4.5 min.

Loading / Unloading: Manual loading onto pallets

Preceding / Succeeding Ops: Burnishing and assembly

Footprint Constraints: None specified

THE SOLUTION:

Equipment: Custom Indexing dual strand chain conveyor machine with probes to clean inside of part

Sequence: Wash/rinse/blow-off

Cleaning Mechansims: Internal probes and external general spray

Drying Mechansim: Internal probe blow-off and external blow-off knife

Features: Part identification system to adjust probe stroke.

Actual Footprint: 36' long X 26' 6" wide

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