



RANSOHOFF

Modular RT-FLEX⁺

The fast, flexible and fully automated cylinder block washing system

Getting cylinder blocks of all types and sizes clean and dry prior to operations downstream is a priority with most engine manufacturers. It's also a typically time-consuming and labor intensive process. Now there's the Ransohoff Modular RT-FLEX⁺, an innovative new system that takes precious time, manual effort and cost out of the process – and adds long-sought flexibility to easily accommodate two unique engine designs simultaneously, as well as engine model, size and configuration changes as they occur in the future.

Flexible, fully automated, precise. The Modular RT-FLEX⁺ consists of wash, rinse (optional), blowoff and vacuum dry stations, with two 6-axis robots transferring parts from station to station. No operators are required.

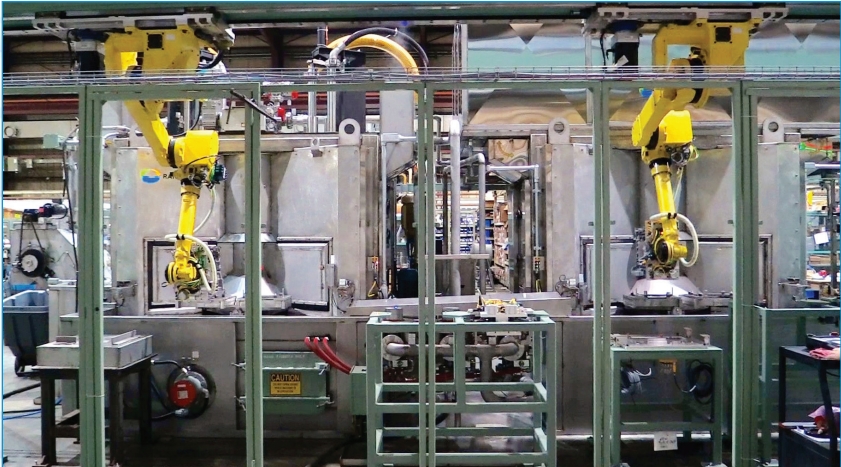
The wash station delivers both high-pressure flush and low-pressure washdown cycles and is equipped with a fast, robust indexer that rotates parts from position to position with very precise tolerances. This allows for the widest variation in part positioning to meet the particular wash requirements of any part. A servo-driven spray manifold, with nozzle position and stroke speed customized for particular part size and configuration requirements, delivers maximum washing power to remove coolant, aluminum and steel chips and other contaminants.

The blowoff unit is similarly designed to deliver comparable speed, flexibility and overall performance, removing standing water and, if required, adding heat prior to the vacuum dry cycle.

All components are modular in design, making the system easily expandable, with minimal retool costs for future volume and part type requirements downstream.

Modular RT-FLEX⁺ Specifications

TAKT TIME	30 Sec.
MAX PAYLOAD CAPACITY	60 Lb.
WORK ENVELOPE	12" x 15.25" x 18"
LOAD HEIGHT	38"



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