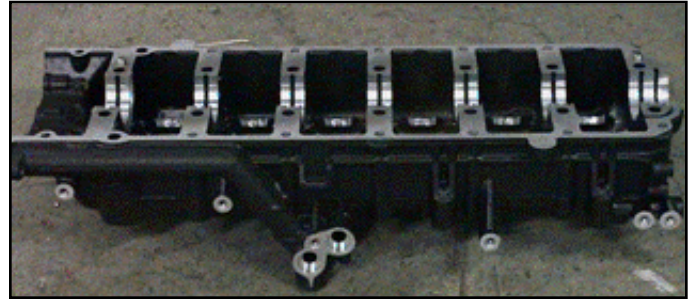


Compact, Automatic System to Wash Engine Blocks



BACKGROUND

The company is one of the world leaders in marine propulsion systems. They manufacture inboard and outboard engines. Changes in emission standards have led to major redesigns in the engines. With these redesigns, the company needed to modernize their plants and machinery. In needing a partner to manufacture a variety of wash systems for various cleaning applications, they chose Better Engineering.

PROBLEM

The part in question was an engine block. The customer wanted a small compact system that would fit into their work cells, be easy to use, and still meet their cleanliness requirements.



SOLUTION

Supply a belt washing system that used the smallest possible footprint. The conveyor belt had plastic strips to avoid metal to metal contact, the spray manifolds were customized for the engine block, and the hinged canopy top offered 100% access for maintenance.

SYSTEM

The C-14 Cyber-Jet. A conveyor washer with a 14" wide belt, overall system length was just 86", all wetted parts were stainless steel. For easy tank cleaning there is a marine clean-out door in the front and a tank extension with covers in the back. Vertical (seal-less) pump outputs 65 GPM.

