StoneAge, Inc.: Automated Waterjet/Waterblast Technology

Marine Depot Maintenance Command

PROBLEM STATEMENT

-Corrosion and coating removal methods can be lengthy

-Processes used can pose a significant safety risk to personnel and equipment

-Removal of corrosion/coatings without affecting the substrate can be challenging

-Surfaces can flash rust after coating removal and before inspection leading to delays

BENEFITS

-Rapidly remove corrosion and coatings

-Significantly reduce safety risks and resource hours

-Coating application immediately follows removal and inspection

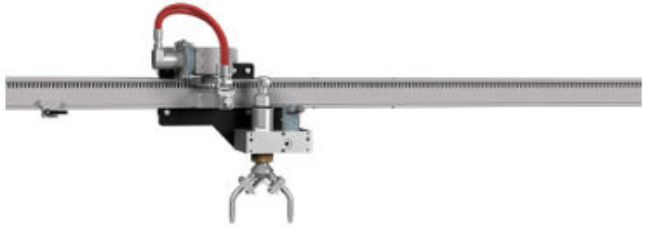
-Prevent flash rust from developing prior to inspection or coating application

TECHNOLOGY SOLUTION

-Waterjet/waterblast equipment is highly effective in removing corrosion and coatings

-Automated waterjet/waterblast solutions are developed and deployed

-Removal of coatings without affecting the substrate, restoring the surface to its original profile

-Rust inhibitor can safely be added to the supply water

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