

Just how easily and precisely does PurePulse™ waterjet technology strip chrome plating and other hard coatings?



Until now, removal of chrome plating and other hard coatings has been a costly, imprecise and potentially hazardous process. Pratt & Whitney Automation's revolutionary PurePulse™ waterjet technology ends the need for toxic dipping and grinding by stripping parts quickly, effectively and without damaging the substrate. Discover the appeal of next-generation precision at PWPurePulse.com. PurePulse waterjet technology – **Unparalleled power. Pure precision.**



It's in our power.™



Pratt & Whitney

A United Technologies Company

Pratt & Whitney Automation, Inc.

Are you ready for next-generation precision?

Introducing PurePulse™ Waterjet Technology

PurePulse™ waterjet technology is ultrasonically pulsed water that removes chrome plating and other hard coatings more efficiently than existing alternatives. This technology transforms the waterjet into discrete water slugs to create a fracture and erosion mechanism that removes coatings/materials. Not only does this process save time, but it is designed to reduce maintenance costs, energy costs, and down time associated with the more complicated high-pressure waterjet systems.

By applying the patented PurePulse waterjet technology, hard and soft coatings can be removed from hard and soft base materials without damaging the substrate.

Pratt & Whitney Automation's service solutions are designed to not only extend part life, but also improve turnaround time, reduce throughput cost, and provide a safe alternative to chemical dipping and grinding.

PurePulse™ waterjet technology. Unparalleled power. Pure precision. Learn more at PWPurePulse.com.



Photomicrograph of the hydraulic strut sample after chrome plating removal with PurePulse waterjet technology. (scaled at 1 in.)



Micro image showing surface condition of the hydraulic strut sample. (200x)

Photos illustrate typical results of trials performed on the hydraulic strut sample. PurePulse waterjet technology removed chrome effectively with little or no base metal damage noted.

GAME-CHANGING TECHNOLOGY

COST SAVINGS & EFFICIENCY

ENVIRONMENTALLY FRIENDLY



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