

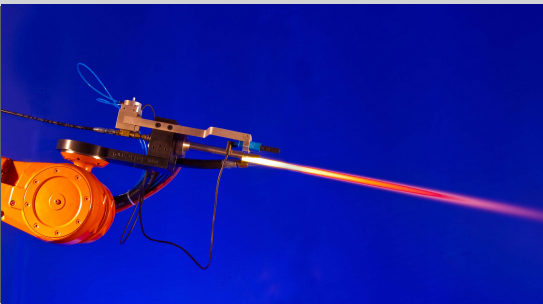
**CURTISS -
WRIGHT**

www.cwst.com | www.cwst.co.uk

COMPANY PROFILE

Curtiss-Wright Corporation (NYSE:CW) is a global integrated business that provides highly engineered products, solutions and services mainly to Aerospace & Defense markets, as well as critical technologies in demanding Commercial Power, Process and Industrial markets.

Our proven surface treatments meet industry demands for lighter materials, improved performance and life extension in key markets such as Aerospace, Automotive, Energy and Medical. We can prevent premature failures due to fatigue, corrosion, wear, galling and fretting.



Surface Technologies is a Division of Curtiss-Wright (NYSE:CW) a global innovative company that delivers highly engineered, critical function products and services to the commercial, industrial, defense and energy markets. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing reliable solutions through trusted customer relationships.

**CURTISS -
WRIGHT**

Solutions for Space Systems



Space Systems

Advancing Space System Performance Through Surface Engineering

Curtiss-Wright Surface Technologies delivers advanced solutions engineered to protect and enhance high-value components used in launch vehicles, spacecraft, satellites, and next-generation propulsion systems. Our engineered coatings, peening services and materials testing and analysis improve durability, thermal stability, and mission life in the extreme conditions of launch, orbit, and deep-space environments.

Our Space Systems Solutions

Shot Peening & Laser Peening:

- Peen forming of space rocket outer skirts/panels
- Peen forming of rocket tank bulkheads
- Rocket Additive Manufacturing (AM) components
- Rocket engine parts
- Moon rover wheels
- LEM base

Liquid Coatings:

- Rockets & launch
- Satellites
- Exploring vehicles
- Critical equipment

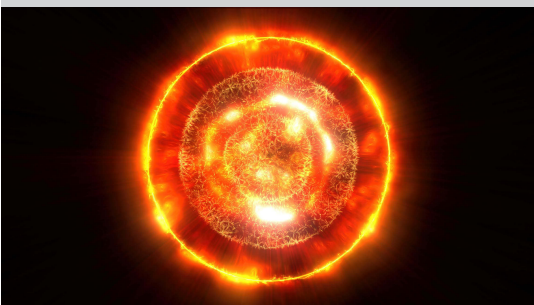
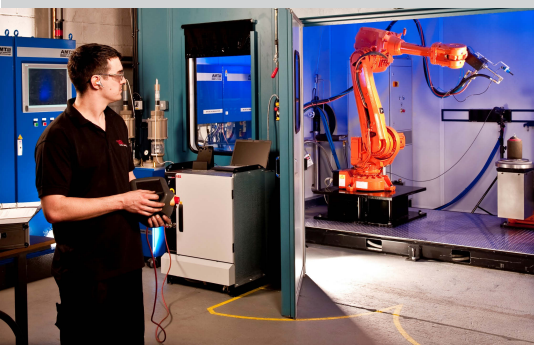
For more information on all our services and full worldwide contact:

US: www.cwst.com +1 201.518.2979 | UK: www.cwst.co.uk +44 (0)1635 279621

CURTISS - WRIGHT

The Curtiss-Wright Advantage

For over 90 years, Curtiss-Wright Surface Technologies has delivered proven aerospace and nuclear solutions to the most demanding industries. Today, we're applying that expertise to ensure space missions achieve their promise of safe, clean, and dependable power.



Engineering Performance. Enhancing Reliability. Protecting Mission-Critical Assets.

Space Systems Solutions (cont.)

Thermal Spray:

- Launch vehicles & propulsion systems
- Spacecraft structural components
- Satellite platforms
- Additive Manufacturing (AM) & hybrid components
- Seals, bearings & high-precision interfaces

Parylene/Conformal Coatings:

- PCB's
- Seals & O-rings
- Parts in rovers
- Cabin entertainment
- Tin Whisker Mitigation
- Environmental protection

Analytical Services:

- Testing/validating of raw materials
- Testing/validating of powder & parts
- Satellite components

Plasma Electrolytic Oxidation (PEO):

- Astronomy and space
- Moon rovers for abrasion resistance
- Anti-reflection coatings
- Stray-light absorption / suppression – UV, Visible, IR
- Waveguides
- Filter housings
- Black bodies
- Electronic boxes
- Optical baffles and mirrors
- Heat shields
- Sharp edged diaphragms & blades (conformal coatings)
- Passive thermal management
- Defense
- Space robotics
- Large class ESA missions

CURTISS-WRIGHT SURFACE TECHNOLOGIES

Global Capabilities. Aerospace-Certified Processes. Proven Flight Heritage.

Nadcap and AS9100-certified facilities.

Decades of experience supporting commercial, defense, and space programs.

Engineering support from concept through production.

Full-service surface technologies portfolio including shot peening, laser peening, engineered coatings, and Parylene solutions.

For more information on all our services and full worldwide contact:

US: www.cwst.com +1 201.518.2979 | UK: www.cwst.co.uk +44 (0)1635 279621