

Innovator in Pickling Technology

Why choose Nelson Steel?

- Over 30 years of experience in the operation and design of Push-Pull Pickling Lines
- Operators of 10 Push-Pull Pickling Lines with a total capacity of 3.7 million tons per year
- Nelson Steel Consulting & Technology Group has designed and built over 65 complete process sections and custom retrofits worldwide
- On-going assistance available from Nelson Steel's experienced personnel in production, quality control, maintenance, and safety
- Robust and operator friendly designs are incorporated into all systems
- Expertise and knowledge to operate and design lines for high quality exposed parts for the automotive industry
- Our patented flood rinse system is designed to prevent rejectable stain during longer line stops critical for automotive supply
- Experienced in upgrades for existing pickling lines and individual systems to improve production, operating costs, and quality



Innovator in Pickling Technology

Why choose Nelson Steel?

- Patented “Turbo Tunnel” design benefits:
 - a) reduction in acid consumption
 - b) reduction in heat consumption
 - c) better control of renegade HCl fumes thereby reducing building maintenance costs
 - d) reduction in HCl fumes exiting the stack
 - e) reduction in pickling time

- Retrofits for existing pickling lines to meet and surpass all EPA environmental standards through efficient scrubber system design

- Automatic control of rinse water volumes

- Experienced in providing efficient water treatment systems

- Innovative designs to save on operating costs

- Expertise in providing turnkey projects

