

# Automated Tube Lancing

Systems produce a constant, consistent clean throughout entire length of tube.

Lance driven forward, pulled back under pressure utilizing air motors.

Fully automated MAL-3 system operated remotely from a PLC-controlled station, removing operator from blast area.

X-Y System is assembled on horizontal or vertical tube bundles without use of cranes or forklifts.

## FEATURES

- MAL-3 is used in conjunction with the X-Y System to clean large tube bundles
- SAL-1 is a lightweight, hand-held device for smaller tube bundles and/or more confined spaces
- Both systems can be used with pressures from 10k to 40k psi
- Adjustable cleaning speeds
- Used on both vertical and horizontal bundles

## BENEFITS

- Internal back-out preventers and external lance stops ensure safe cleaning
- Increases efficiency and decreases downtime
- Removes operator from blast area
- Improves quality and speed of cleaning
- Reduces cost by eliminating additional personnel

