

Automobile Parts Manufacturer Reduces Production Costs by 50% with New Lubrication System

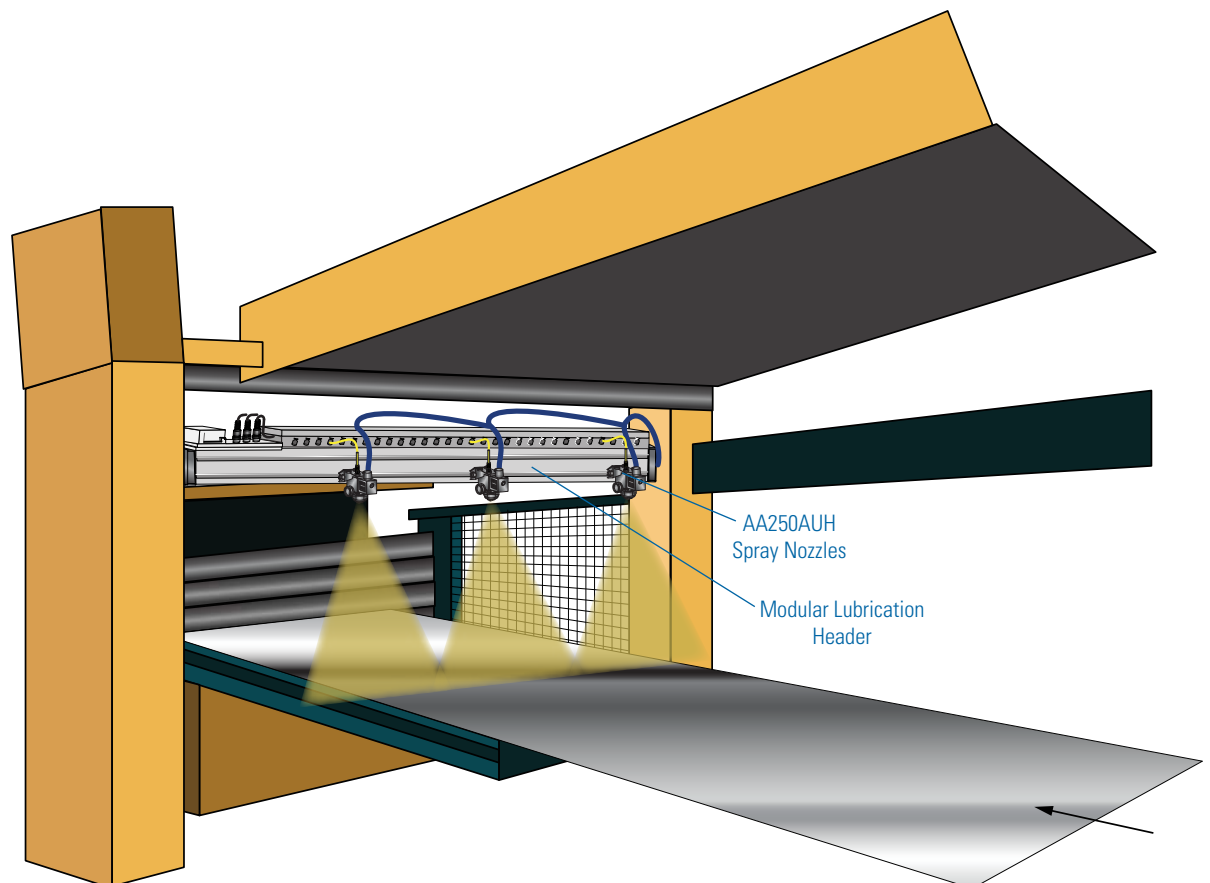


Problem:

Van-Rob Stamping, a Canadian automobile parts manufacturer, was experiencing difficulty applying the proper amount of lubricant to the metal sheet before forming parts. Over-application of the lubricant was wasteful and created an unsafe work environment. In addition, the lubricant was not applied uniformly and the company was faced with costly quality problems.

Solution:

A lubrication header from Spraying Systems Co. equipped with three AA250AUH automatic spray nozzles has solved Van-Rob Stamping's problems. The electrically-actuated nozzles operate at low pressure, eliminating overspray and lubricant waste. In addition, the nozzles only spray when a signal from the press is received, conserving lubricant.





Automobile Parts Manufacturer Reduces Production Costs by 50% with New Lubrication System – Continued

Results:

The new lubrication header has solved Van-Rob Stamping's overspray problem. Parts quality has improved, worker safety has increased and lubricant use has been reduced dramatically. Since the system has been installed, lubricant cost has been reduced by more than 50%. The company recouped its equipment investment in less than one month.

A CLOSER LOOK AT THE SYSTEM



The 98250 Modular Manifold features a compact design with rigid aluminum structure that also functions as a fluid passage. The manifold can be configured with flexible lengths, number of nozzles and nozzle spacing.

Electrically-Actuated AA250AUH Automatic Spray Nozzles provide accurate spray placement and spray pattern integrity in high-speed or low capacity applications. The nozzles have high-speed capability, up to 5,000 cycles per minute, enabling faster line speeds and increased productivity.



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