

Can Manufacturer Increases Production, Improves Quality and Reduces Scrap



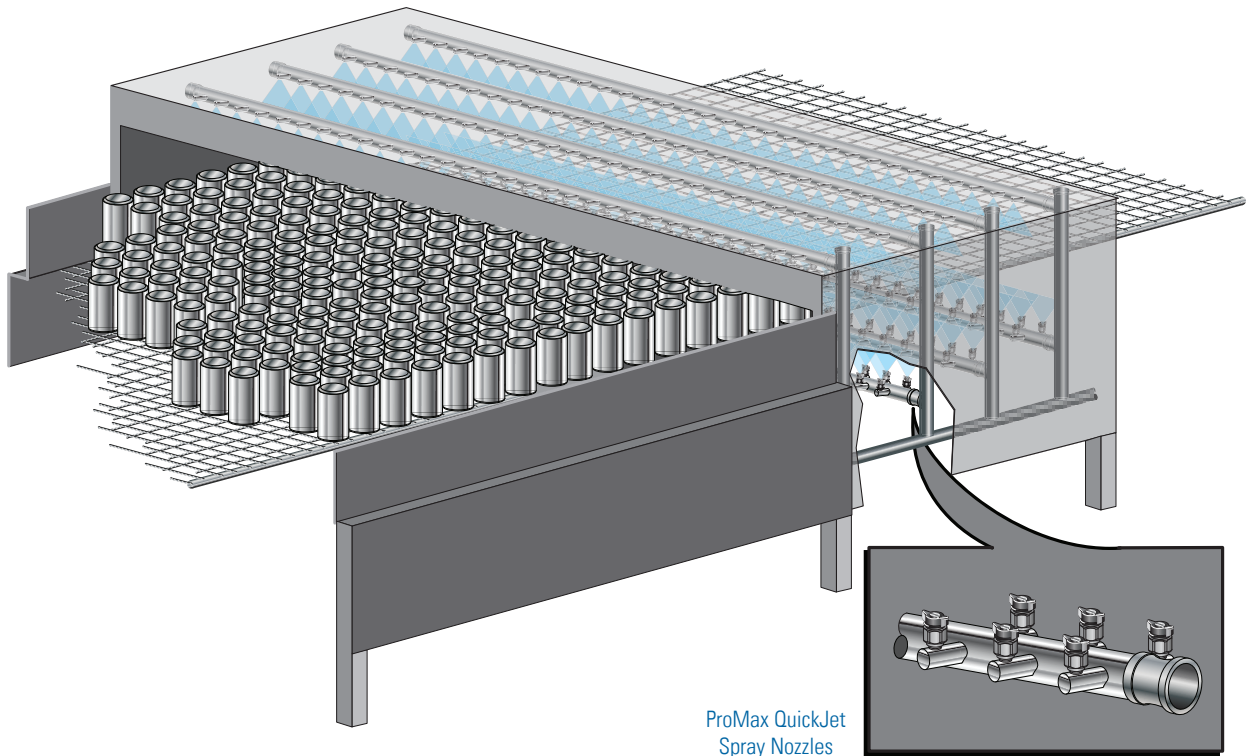
Problem:

A can making company in the Middle East needed to wash, rinse and dry the cans to remove lubricants prior to applying a protective coating to the interior and a decorative coating to the exterior. The company was experiencing many problems with its can washer. Wash quality was poor and cans were constantly knocked over on the line and had to be scrapped.

Solution:

The Spraying Systems Co. solution features special headers spraying from above and below the conveyor to ensure the cans are washed thoroughly.

The new headers are each equipped with 40 ProMax® QuickJet® spray nozzles. The quick-connect nozzles provide the same flow rates as those used previously but have a narrower spray angle, larger orifice and lower operating pressure. Larger drops are produced, improving wettability and increasing impingement on hard-to-reach areas of the cans. The nozzles also feature an internal steel washer for extra strength.





Can Manufacturer Increases Production, Improves Quality and Reduces Scrap – Continued

Results:

The new header system has improved the can washing process. Cans are no longer knocked over and scrap has been reduced significantly. A production increase of 13% has enabled the company to recoup its investment in the system in less than a week.

A CLOSER LOOK AT THE SYSTEM



ProMax® QuickJet® nozzles feature a quick-connect design that decreases maintenance time and reduces costs. The nozzle body stays on the header and only the spray tips are replaced. Spray tips are removed and installed by hand and spray patterns are automatically aligned.



Spraying Systems Co.®
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North Avenue and Schmale Road, P.O. Box 7900, Wheaton, IL 60187-7901 USA

Tel: 1.800.95.SPRAY Intl. Tel: 1.630.665.5000
Fax: 1.888.95.SPRAY Intl. Fax: 1.630.260.0842
www.spray.com



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