

DeLaval TSR

Teat Spray Robot



**IT ALL REVOLVES
AROUND YOU**

 **DeLaval**

A CUSTOMER STORY: PERFORMANCE & RELIABILITY THAT COUNTS

Zwemmer Dairy in Elkton, MI uses one TSR robot to post-spray its 2,200-cow herd. Farm owner Carmen Zwemmer, who nicknamed the robot “Reba,” says the unit offers good coverage, and she likes the flexibility of choosing different spray patterns. “TSR sprays close to the udder,” says Carmen. “The product ends up on the teat and not all over the place. Compared to other robots, I was impressed with the accuracy, and maintenance is relatively low.” The automated sprayer has decreased Zwemmer Dairy’s labor costs by three people a day. “The fact that it saves a person [per shift] is huge. Anyone in the dairy industry knows that it’s hard to find reliable people. Reba shows up every day!”*



*Results in the testimonials have not been verified, and DeLaval does not claim that the results are typical. This document does not constitute a warranty or guarantee of performance.

WHY IS IT BETTER?

The TSR employs advanced technology for speed and application precision. It works in-step with your rotary, offering consistent, accurate coverage.

as few as

5

seconds per bail**

Sprays up to
700
COWS
per hour**

up to
99%
TEAT ID and
SPRAY
ACCURACY

2-year
PAYBACK*

INTELLIGENT
APPLICATION

6
available
spray
patterns

Data collected on test and pilot farms. Results may vary and are not guaranteed.

*Based on estimated salary and employee costs for 3 full time employees.

**When using a dual TSR configuration

Cost savings is not guaranteed. Results may vary and are not warranted or guaranteed.

DELAVAL TSR TEAT SPRAY ROBOT

OPPORTUNITY TO SAVE LABOR AND IMPROVE CASH FLOW

Many of today's dairy farmers are turning to robotics to gain productivity, maximize milk quality and profitability and address labor quality and availability. The TSR is one of the first intelligent pre- and post-spray solutions for farmers with parallel rotaries and provides an accurate, precise and consistent method for applying teat spray before and after milking.

Intelligent Application

With proprietary software and the DeLaval InSight™ camera, the accuracy and precision of the teat spray robot is unmatched at near-perfect performance. TSR quickly identifies the cow in its stall and targets each individual teat applying the recommended amount of spray.

Use your time more effectively

Hours add up quickly for farmers and staff to manually spray teats. The DeLaval TSR improves work efficiency by eliminating pre- and post-routine labor. As a lower monthly investment than an employee, it can improve cash flow immediately.

Achieve optimal food safety and milk quality

As a standalone unit for external rotaries, the TSR sprays your cows for optimum mastitis control. It enhances teat health and helps ensure the production of clean, high quality milk by spraying the right amount of teat spray on every teat, every time. DeLaval provides a range of approved teat-spray products that work hand-in-hand with the TSR.

Ensure reliability and performance

The dairy farm is a tough environment. InService All-Inclusive for TSR is a preventative maintenance agreement that helps ensure our professional service technicians will take care of your investment and see that you always get the most out of your robot. An extended warranty is also available.

PERFORMANCE YOU CAN TRUST. EVERY TIME.

- ✓ Pre- and post-spraying
- ✓ Adjustable spray volume
- ✓ Self-cleaning
- ✓ Intelligent spray application
- ✓ Compatible with most external rotaries
- ✓ DeLaval InSight™ technology
- ✓ Adjustable spray pattern
- ✓ Designed for 24/7 operation
- ✓ Quiet and gentle operation



We live milk



www.delaval.com

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All facts and figures are the result of data collected on test farms. Results may vary and are not guaranteed.

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