

WALKOVER**SPRAYER**

POWERED BY TEATWAND

**IMPROVE YOUR TEAT
SPRAYING ACCURACY
AND RELIABILITY**



With the WalkoverSPRAYER's intelligent sensor technology, you can ensure excellent coverage every time and elevate the value of your dairy operation through precision dairy farming.

THE AUTOMATIC TEAT SPRAYING SYSTEM

TO ENSURE ACCURACY, EFFICIENCY & RELIABILITY

The WalkoverSPRAYER has been designed specifically for herringbone and parallel dairies. The WalkoverSPRAYER will accurately teat spray cows as they enter or exit the milking parlour to improve your efficiency and spray efficacy.

The system identifies individual cows and automatically adjusts the spray timing based on cow speed, to ensure accurate spray coverage regardless of how fast the cow is moving over the unit.

At a normal walking pace the WalkoverSPRAYER automatically deploys two spray nozzles to accurately spray all four teats, and deploys all four nozzles if the cows are moving faster.



The optical sensor technology automatically deploys two or four spray nozzles according to the speed of the cows entering or exiting the milking parlour for accurate teat spray coverage



The automatic nozzle wash function reduces teat spray build-up and ensures nozzles are always clean



Robust stainless steel construction for reliability, longevity and performance



Optional online monitoring allows you to check the WalkoverSPRAYER is functioning correctly, and to monitor the number of cows sprayed and volume of teat spray used





CAN TRACK FAST
MOVING COWS

AUTOMATIC
NOZZLE WASH

ENGINEERED FROM
STAINLESS STEEL

AUTOMATIC TWO
OR FOUR NOZZLE
DEPLOYMENT

OPTICAL SENSING
TECHNOLOGY

TOUGH RUBBER
MATTING

WAIKATO
WALKOVER SPRAYER
POWERED BY TEATWARD

SPRAYER LOCATION

There are two different options for locating and installing the WalkoverSPRAYER system, depending on the size and configuration of your dairy:

Large dairies

For large dairies, and dairies with limited exit yard space, two WalkoverSPRAYER systems can be installed - one for each row of the exit area. By installing the system close to the exits your cows are sprayed quickly after milking while ensuring less disruption to your cow-flow. It also reduces contamination from splashing in the yard, and minimises the maintenance required.

Small and medium-size dairies

For small and medium-sized dairies, one WalkoverSPRAYER system can be installed on an existing single-file exit lane, or in another location where you have available yard space to create a single-file lane. The system must be located prior to a drafting/sort gate and as close as practical to the exit area.

NOTE: If the location of the WalkoverSPRAYER system is in a windy environment, fitting solid panels to the yard rails on each side of the unit will help to prevent spray drift.





30 - 50mls
per spray
(twin nozzles)



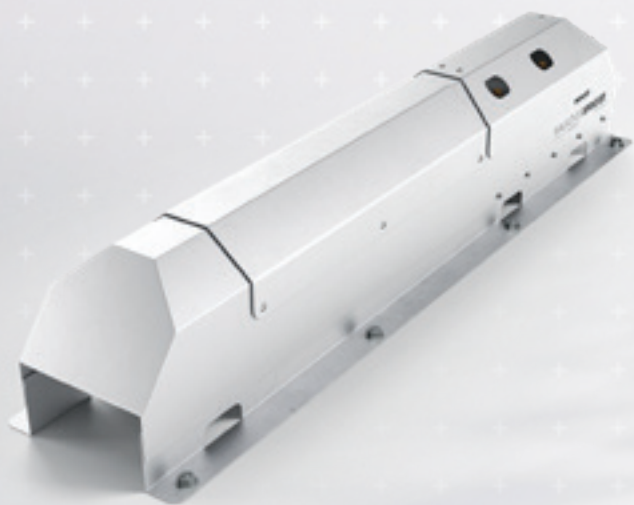
Reduce risk of
teatspray allergies
with staff



Three automated wash
settings to keep nozzles
clear of contaminants



Reduces spray
residue



Automatic nozzle wash

The WalkoverSPRAYER automatic nozzle wash periodically cleans the nozzles. An optional purge function periodically blasts clean water through all the nozzles to reduce residual teat spray build-up, while ensuring the nozzles are always clean.



No moving parts

The WalkoverSPRAYER system has no moving parts to reduce maintenance and ensure reliability and longevity.

TECHNICAL SPECIFICATIONS:

Compressed Air requirements	8mm tube or ¼" threaded fitting. Supply pressure 90psi/600 KPA
Compressed Air Consumption	2.5l/min/ 0.1cfm.
Power Supply	110V or 240V 10amp supply is needed for 24VDC power supply provided.
PCB Controller with push button adjustment	IP65 rated enclosure
WalkoverSPRAYER system	Manufactured from 304 stainless steel and chemically resistant plastics, hoses and fittings.
Teat spray type	Compatible with most common teat sprays.
Pneumatic teat spray pump	Supplied with a pressure regulator. 35-55psi is required to the pump. The pump can draw teat spray vertically up to 15ft/5m and can pump up to 750ft/250m to the Waikato Milking Systems WalkoverSPRAYER.
Accumulator Tank	Eliminates teat spray fluctuation.
Water Supply	Water from the dairies high pressure wash water circuit for connection to a CIP washer to keep nozzles clean.
Spray Nozzles	Four high quality SS nozzles. 2 sets of 2 independently controlled to provide extra spray coverage to fast moving cows.
CIP Wash Nozzle	High quality plastic wash nozzle with 3 automated wash settings that keep spray nozzles clear of contaminants during operations.



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Growing the value of precision dairy farming