



# FACTSHEET

## How to get the most out of your machines by using Foamstream Clean.

As an EPA approved organic biocide, Foamstream is a disruptive solution for many municipal cleaning and sanitisation tasks such as general street cleaning, gum removal and power washing. Our unique advantage is the fact that we offer a lower-pressure solution with an elevated temperature, compared to traditional high-pressure washing or power washing systems.

### WHAT IS FOAMSTREAM CLEAN?

The range of interchangeable lances included with your machine and additional cleaning lances available to purchase, ensure there is an appropriate lance available for all cleaning tasks. Below highlights the key lances in our range and their functionality.



**PRESSURE LANCE:** This lance is our highest-pressure lance (20 bar). Despite being lower pressure than conventional 'high pressure' solutions, Foamstream achieves a more effective treatment result due to its prolonged high temperature delivered by an insulating foam blanket which reduces surface damage.

**SUITABLE USES:** Gum removal, removal of dirt and general surface grime where our softer bristled lance is not suitable.



**ROTATING NYLON BRUSH LANCE:** This rotating lance is made from soft nylon bristles and is suitable for cleaning more porous surfaces which have built-up layers of debris where the pressure lance is not suitable.

**SUITABLE USES:** Wooden surfaces e.g. benches, wood-panelled buildings, painted railings/surfaces, hard to reach corners, step fronts etc.



**NYLON SCRUB BRUSH:** A more traditional rectangular brush head, this lance is perfect for cleaning tasks such as removing moss, algae or debris from smooth metal or plastic surfaces such as signs and bins.

**SUITABLE USES:** Street signs, street furniture, playground furniture or where a large surface area needs to be cleaned quickly.

## EXAMPLES OF AREAS FOAMSTREAM CLEAN CAN TREAT

**STREET FURNITURE:** Benches, rubbish bins, railings, street signs

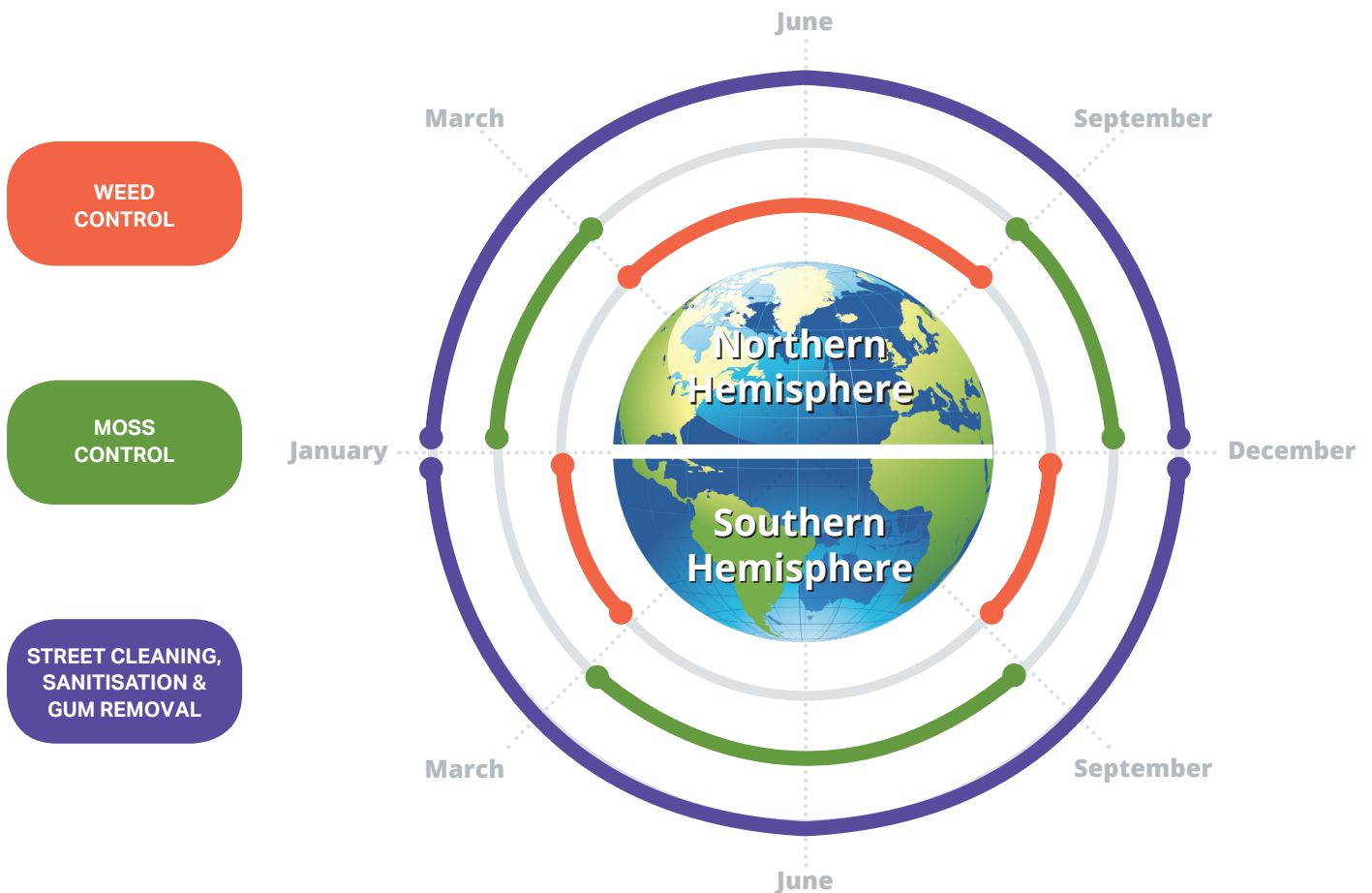
**HARD SURFACES:** Streets, paving slabs, cobbles, piers, workshop floors, playgrounds, outdoor sports facilities, staircases

**COMMUNITY SITES:** Camp sites, public lavatory's, picnic sites, bus stops



## HOW DOES FOAMSTREAM CLEAN ADD VALUE FOR YOUR ORGANISATION?

By gaining additional functionality from our interchangeable lances our machines can be used all year round as a green and urban space management system, as shown in the infographic below.



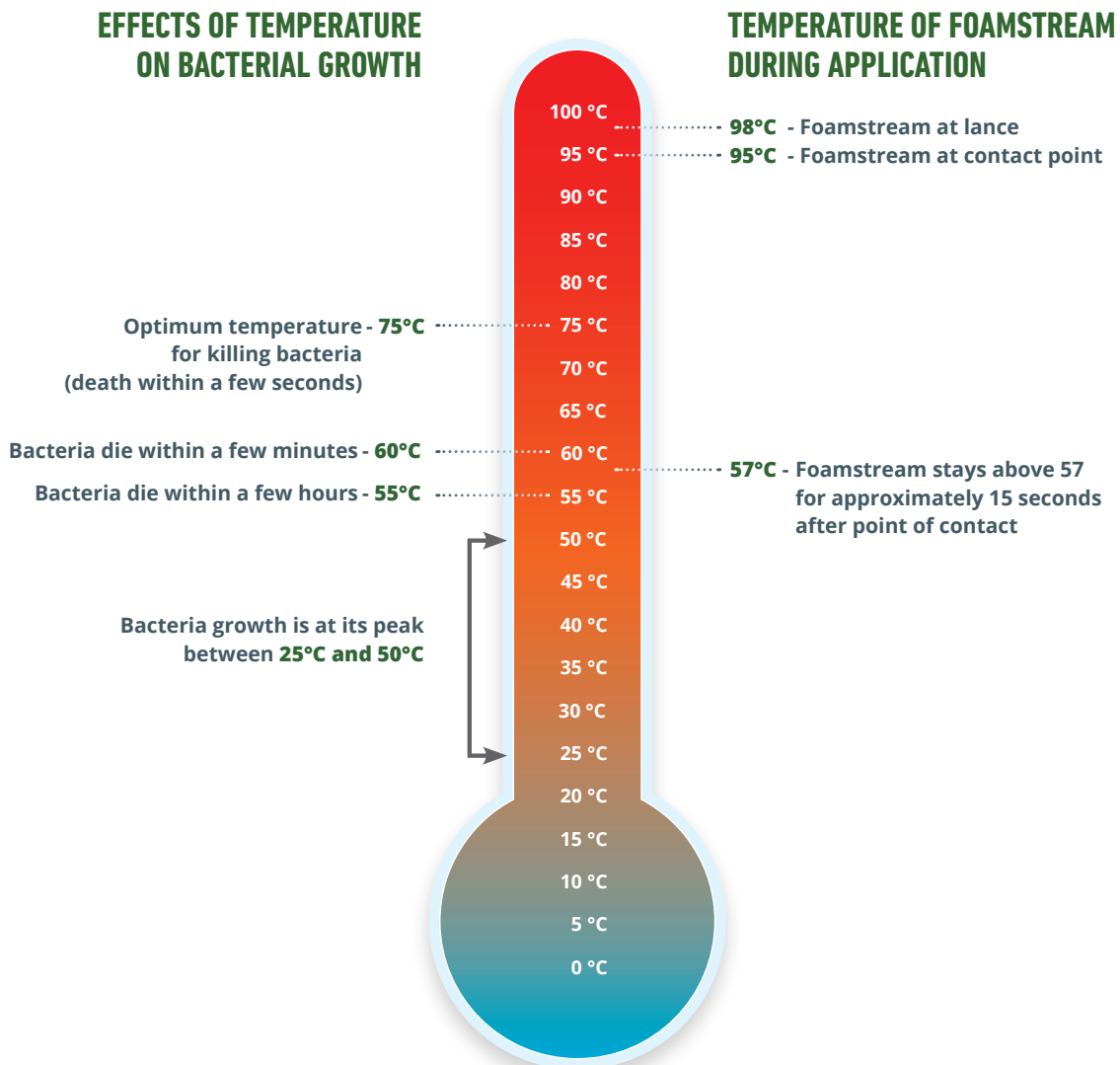
## WHY IS FOAMSTREAM THE ONLY VIABLE PORTABLE HEAT-BASED SOLUTION TO KILL BACTERIA?

Bacteria and weeds are both organic compounds that are not resistant to heat. If applied above a specific temperature for a period of time, both suffer the same breakdown in proteins. The lower the temperature, the longer the contact application time needs to be. The minimum levels of temperature and application time to kill bacteria and viruses are described in the table below (Figure 1).

Foamstream has the unique ability to maintain temperatures above the required level to kill bacteria - this is due to unique insulation qualities delivered by the foam. As a result, Foamstream can maintain the critical heat required on the target bacteria for long enough to kill them. Foamstream's contact temperature is around 95°C.

The current municipal practise for dealing with bacteria, ranging from Hepatitis to general human waste, is mechanical. The leading mechanical process is using large cold pressure washers, this has no effect on killing the bacteria, but simply moves it from A to B, resulting in the spread of bacteria and viruses. Power washing cleans at around 50°C

## FOAMSTREAM AND ITS EFFECT ON BACTERIA GROWTH



Weedingtech is currently working with environmental agencies to quantify and refine its offering with the goal of developing a range of sanitisation extras to be released in 2019.

