

HEFT

INTRODUCING

MORE HUMANE STUNNING AND EUTHANASIA

Euthanising ill, injured or non-viable animals in the daily production



OUR TECHNOLOGY IS

HUMANE | SAFE | EASY TO USE | RELIABLE

OUR SOLUTION

At HEFT, we develop and offer sustainable solutions to end the life of pigs and poultry in a more humane way.

Our technology is based on nitrogen induced high expansion foam to create an anoxic atmosphere with less than 2% oxygen.

- Nitrogen expansion foam stunning (NEFS)
- Reduced stress and pain to the animal
- Replacing manual methods with automated technology
- Reduced the risk of injury and physical strain
- Easing emotional burden for animal caretakers
- Deep stunning (no bleeding)

OUR PRODUCTS

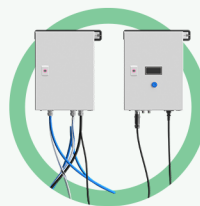
Created for animal welfare and designed for safety



The H1



The C1



The DS1



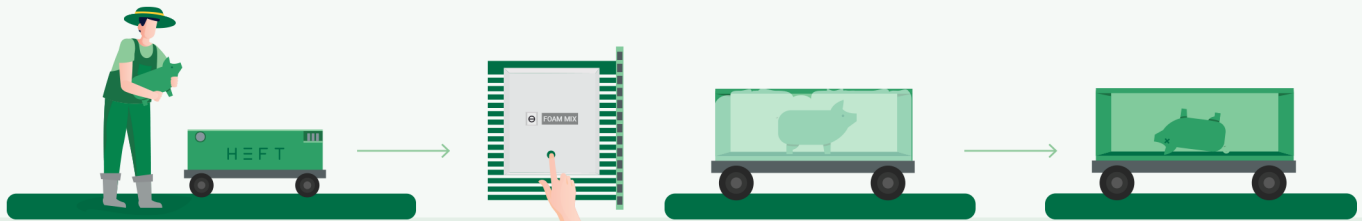
HEFT foam agent

Contact us for more information
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Room for improvement,
time for change.



OUR NITROGEN BASED METHOD



PROCESS

BENEFITS

- 1 In 10 seconds the container is filled with foam. The bubbles contain 100% nitrogen.
 - 2 A burst of nitrogen is added, the bubbles break in 1 second and a homogeneous and anoxic atmosphere is created (<2% oxygen).
 - 3 The animals lose consciousness within 10-20 seconds and will be irreversibly stunned with minimal stress and pain.
- High expansion foam controls the gas, pushes out the air and makes the process quick.
 - No occlusion of airways due to dry and large bubbles that burst quickly to release the gas.
 - Animals have no receptors that make them react to the instantaneous change of atmosphere with nitrogen levels from 78% to 98%.

75% **GAS SAVINGS**
Reduced gas consumption compared to regular gas flushing

H₂O **LOW WATER CONSUMPTION**
~1,3 liter per m³
Expansion ratio 1:700-850

With over 15 years of dedicated research, our technology is grounded in science and validated by leading academic institutions and researchers across Europe and the United States.

