



The clean way to clean boilers

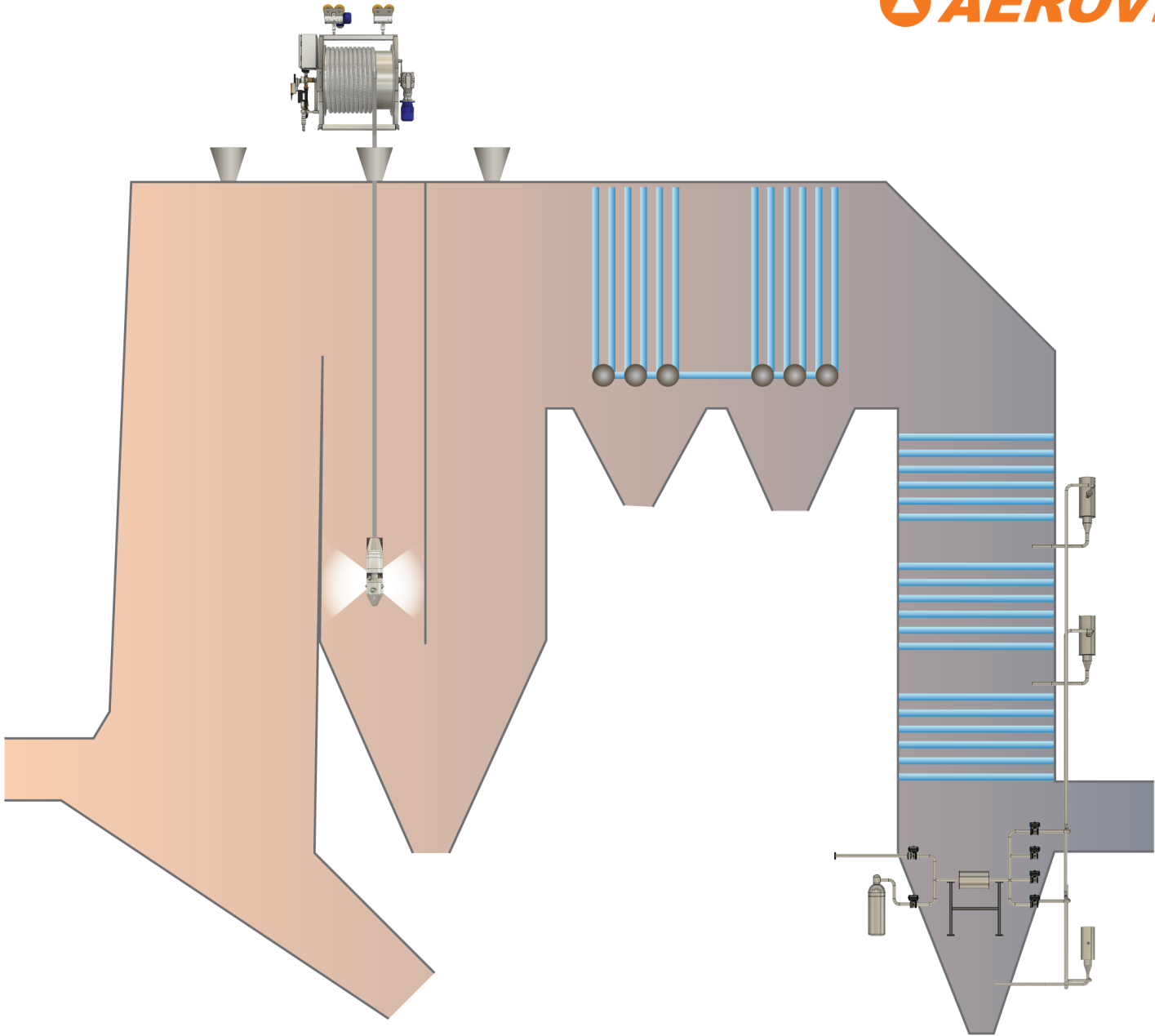
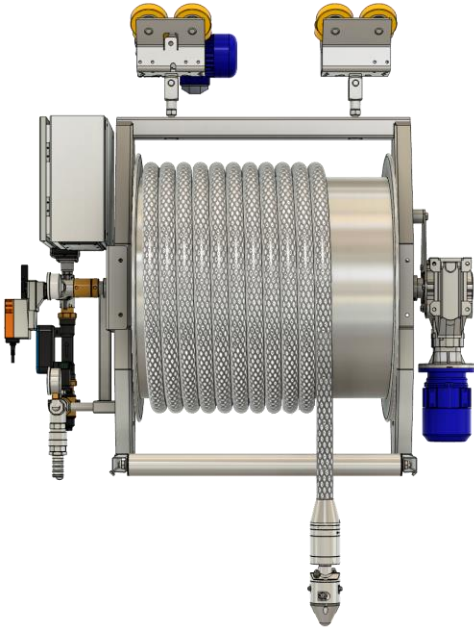


# SC-Jet Shower Cleaning



# Aerovit SC-Jet

Waste-to-Energy Boilers



# Case: Halmstad Energi & Miljö (HEM)


Aerovit SC-Jet Shower Cleaning



**€21.000**  
Annual savings



**86%**  
Reduced water



**65°C**  
Flue gas  
temperature  
reduction





# Case: Halmstad Energi & Miljö (HEM)

Aerovit SC-Jet Shower Cleaning



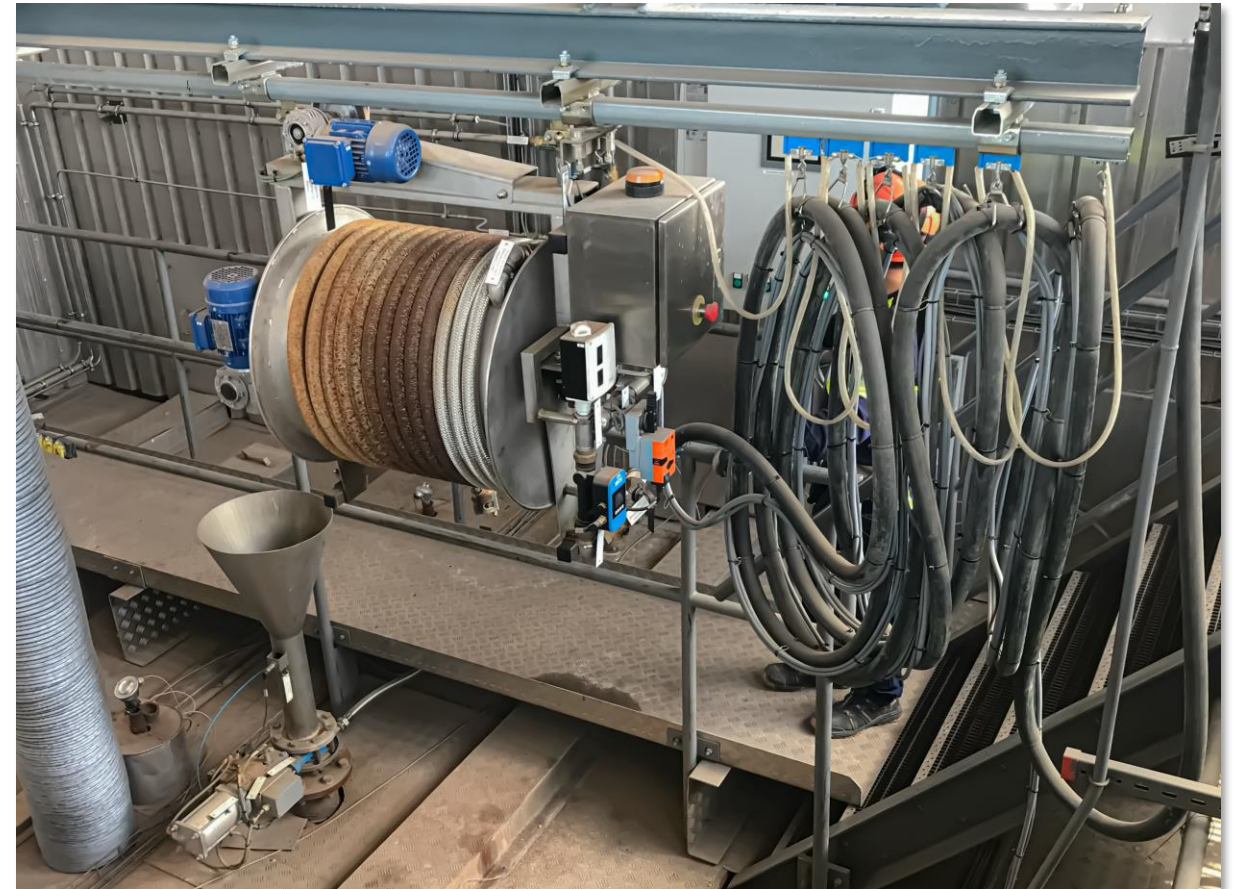
**Reduced cleaning times by 75%**



**Increased maintenance efficiency by 75%**



**Higher output**



# Case: Halmstad Energi & Miljö (HEM)

Aerovit SC-Jet Shower Cleaning



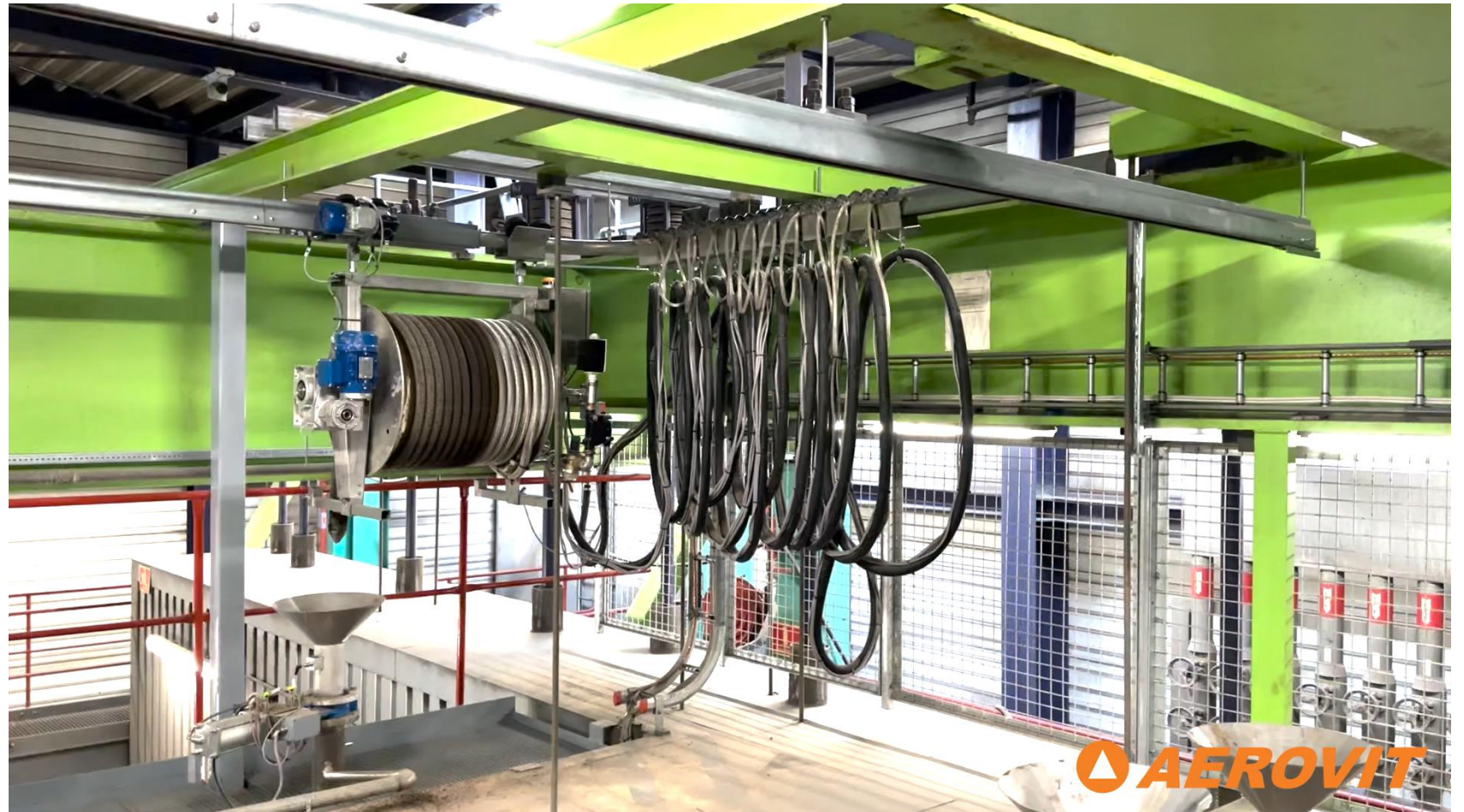
**Easy operation**



**The wagon micro compensates**



**Cleaning while Full-load operation**





# Case: Halmstad Energi & Miljö (HEM)

Aerovit SC-Jet Shower Cleaning



**High efficiency**



**Sprays 4-6 concentrated water jets more than 5 m.**



**Explosive vaporization**



# Case: Halmstad Energi & Miljö (HEM)

Aerovit SC-Jet Shower Cleaning



Few inlets required



Cleaning in both 1st, 2nd and 3rd pass





# Case: Halmstad Energi & Miljö (HEM)

Aerovit SC-Jet Shower Cleaning



Water droplets  
expand 1,700  
times



Stable nozzle head



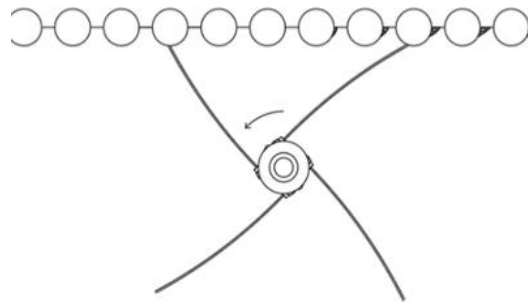
# Aerovit SC-Jet – Nozzle Head

## Shower Cleaning

**Boiler wall with fouling** 

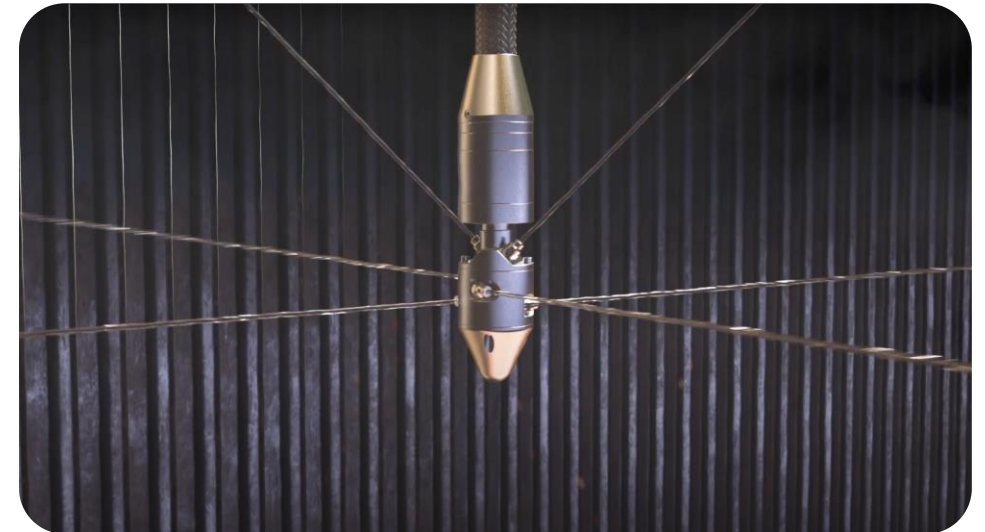
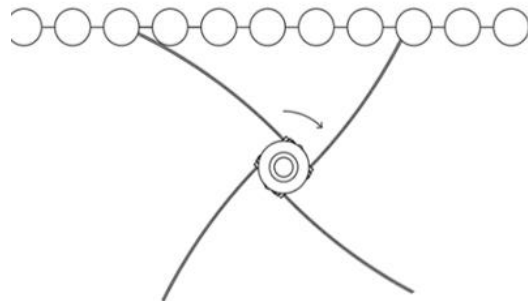
### Counterclockwise nozzle head

Boiler wall cleaned with CCW nozzle head showing 'shadow areas'



### Clockwise & Counterclockwise

Boiler wall cleaned with CCW nozzle head and CW nozzle head





**Reduced Flue Gas Temperature 65°C**



**Reduced water usage by 86%**



**€21.000 annual savings**



**Reduced cleaning times by 75%**



**Increased maintenance efficiency by 83%**



**Higher output**



*"We find Aerovit's water soot cleaning system user-friendly and reliable. The rotating nozzle provides a more comprehensive spread on all boiler walls, significantly reducing our soot-blowing frequency compared to the previous system,"*

**Marcus Nilsson**

Team Manager  
Day time operation KHD



**Customer Success Story**



# Thank you