

E-FRESH

YOUR GREENER, SAFER, MORE EFFECTIVE SOLUTION

The E-Fresh® technology combined with our unique Micro Swirl Nozzle design delivers applications with increased residues. 1,4GROUP is one of the first in the industry to develop a high capacity application fogging machine that operates with the use of electric power.



Sustainable Advantages In Your Storage

Produces finer micron-sized particles, facilitating easier chemical passage through the pile with reduced machine air pressure

Eliminates the heat generated by fossil fuels, shrinking the carbon footprint and & alleviating stress on potatoes

Employing electric power eliminates open flames and diminishes the risk of storage fires

Protects processing and chipping potatoes from off-gas that can negatively impact fry colors

Minimizes pressure buildup, ensuring chemicals stay exactly where they belong: inside the storage and on the potatoes

System interface enables user to monitor the system and make adjustments to throughput as needed

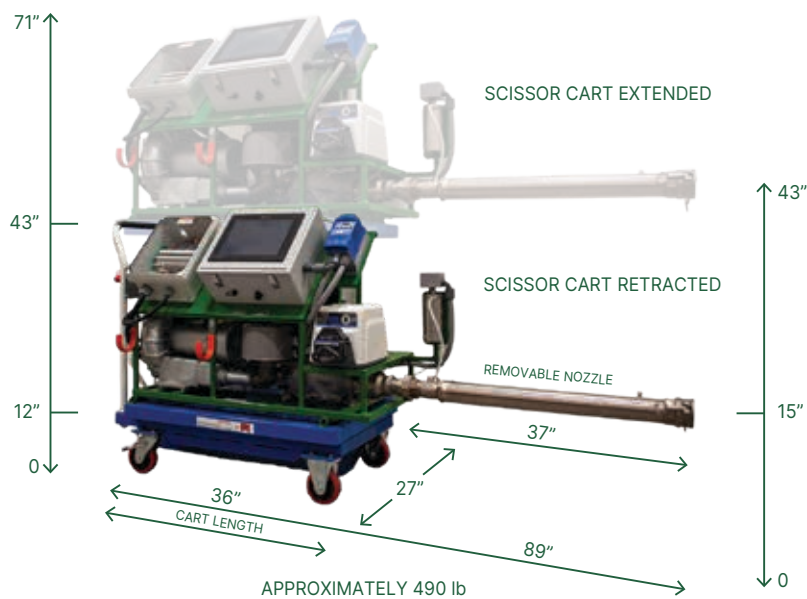
View Video



WE BUILD MACHINES TO FIT YOUR NEEDS

Specifications	E-16
Air Heater Power	15 kW
Chemical Pre-heater Power	3 kW
Chemical Throughput (Approx)	6 Gal/Hr (22.7 L/Hr)
Total Power Requirement*	
240V 1Ø, 3Ø (dual plug)	7.5 kW, 15 kW
240V 3Ø	15 kW

Contact your 1,4GROUP representative for lead times
 *Standard voltages are listed. Customization is available upon request for 400V, 480V



The Automated Difference With PLC Controls

Automation has come to E-Fresh machines with Programmable Logic Controllers (PLCs)! With PLC controls, you're leveraging a technology that offers numerous benefits including efficiency, quality, and agility in your operations.

- | Auto run
- | Efficient temperature control and reduced variation
- | Touch screen HMI
- | System process monitoring

