

# FlamePro™ Door Cleaning Machine



PRELIMINARY PRODUCT SPECIFICATIONS:	
ITEM	PARAMETER
Product Name	FlamePro™
Maximum Door Length	96 inches
Maximum Door Width	42 inches
Cycle Time	Approx. 16 seconds + load & unload
Gas	Propane (gas discharge not liquid) or Natural Gas (fuel source must be specified at time of order). Propane cost is > \$ .20 /door. Peak flame temperature is 3,300-degree F / 1,815-degree C
Gas Controls	Automatic ignition system with flame safeties. Continuous flame monitoring. Precision air and gas needle valves and flow gauges. UL approved gas solenoids and gas/air regulator.
Compressed Air Supply:	5 cubic feet / minute at 90 PSI
Electrical Controls:	Automatic direct HMI industrial grade touch screen and PLC with attendant safety relays. Control system is 110 Volt 20 amp
Drive Unit:	Leeson ½ HP Variable Speed Regenerating DC Drive Leeson Speed Reducer – 25:1 ratio Leeson Electronic Motor Control with acceleration / deceleration speed ramps.
Operation Manual:	Detailed Operating, Flame Treating and Maintenance manual with electrical schematic
Footprint:	17 feet 8 inches long; 6 feet 4 inches wide
Shipping Weight:	Approx. 900 lbs. / 410 kg
Acceptable Substrates:	Fiberglass Doors (smooth/textured), Primed Steel Doors, PVC and Composite Material.  <i>It is essential that an AST International Representative pre-approve substrates for adhesion. Written approval by the customer is also necessary before undertaking any work on new substrates.</i>