

PLASMA MINI PRE-TREATMENT SYSTEM

Unlock the next level of surface treatment with our cutting-edge Plasma Mini Pre-Treatment System designed to deliver unparalleled performance, speed, and flexibility. Featuring an atmospheric rotary spray gun and dual plasma head diameters (1.96"/3.94" or 50/100 mm), this machine delivers 1600 W of consistent plasma power for flawless treatment of metal, plastic, glass, and ceramic surfaces.

Engineered for versatility, it supports cylindrical and tapered objects with diameters ranging from 1.57"-8.66" (40–220 mm) and lengths up to 11.8" (300 mm), all at a blazing line speed of 1400 r/min. The system's precision is matched by its intelligence: a fully enclosed design with automatic doors and glass windows ensures safe, visible, and efficient operations.

Compact yet robust this unit thrives in standard production environments and runs on a universal 220 V power supply. Rely on clean, dry 0.5 Mpa compressed air to maintain optimal plasma consistency.

Ideal for demanding industrial settings, this plasma system sets a new standard in pre-treatment and adhesion enhancement- your reliable partner in high-speed, high-precision production.



SYSTEM SPECIFICATIONS*

TECHNOLOGY	Plasma process technology
TYPE OF SPRAYER	Atmospheric rotary spray gun
PLASMA HEAD DIAMETER	1.96"/3.94" (50/100 mm)
PLASMA POWER	1600 W
MAXIMUM PROCESSING LINE SPEED	1400 r/min
SHAPE	Cylindrical objects/ Tapered objects
OBJECT SIZE	Diameter: 1.57"-8.66" (40-220 mm); Length: 0"-11.8" (0-300 mm)
POWER SUPPLY	220V +/- 10% (50/60 Hz, AC); 8 A; 1800 W
COMPRESSED AIR	0.5 Mpa; Clean and dry
OPERATIONAL ENVIRONMENT	Temperature: 60.8- 82.4° F (16-28° C) Humidity: 40-60%
MEDIA TYPE	Metal, plastic, glass, ceramics, etc.
DIMENSIONS (L X W X H)	19.68" x 39.37" x 59" (500 mm x 1000 mm x 1300 mm)
OTHER CONFIGURATIONS	Automatic door with glass windows for easy observation of processing status
MACHINE WEIGHT	396.8 lbs (180 kg)

*Information is subject to change