INNOVATIVE
DIGITAL SYSTEMS

Surface Treat 360

Multi-Purpose
Pre-Treatment Machine



Plasma
Ideal for
Heat
Sensitive
Material

Flaming
Versatile
Cost
Effective

Pyrosil
Essential
For
Glass

Contact Us

Integrating Four Different types of Pre-Treatment into a Single Station.

The **Surface Treat 360** is the most comprehensive solution for optimizing ink adhesion on various materials. Its innovative design integrates up to four pre-treatment technologies into a single machine, which can be used independently or in combination to achieve professional results.











SURFACE TREAT 360 TECHNICAL SPECIFICATIONS

Maximum Workpiece Height: 200 mm (7.87 in.)

Available Pretreatment Technologies

- Electrostatic cleaning
- Flame treatment using propane or other combustible gases
- 1,600-watt plasma treatment head with adjustable height, rotary action, and vertical movement
- Pyrosil® flame treatment using original 330 g Pyrosil cartridges, equipped with dual cartridge holders for P and MGK versions or two identical cartridges. The system can be upgraded at any time with the Pyrosil STS 10.2 dosing module.

Compressed air cooling

Standard Features

Independently adjustable workpiece rotation speed

Intuitive touchscreen control panel

Integrated safety light curtain

Exhaust air ventilation system

Electrical connection: 230 V / 50 Hz

Dimensions: 145 × 120 × 210 cm (57.1 × 47.2 × 82.7 in.)

An All-in-One surface pretreatment system is an innovative solution that combines four advanced surface pretreatment technologies into a single, compact workstation. Each pretreatment process can be used independently, alternated, or combined to maximize surface activation and improve coating, printing, and bonding adhesion across a wide range of materials.

Workpieces are loaded vertically into one of eight rotating stations. Each station features independently adjustable rotation speed, allowing precise process control through an intuitive touchscreen operator interface. The universal fixture accommodates a variety of part geometries, including handled mugs, while a vacuum clamping system securely holds each workpiece throughout the treatment cycle.

During operation, the workpiece automatically indexes from station to station. At each pretreatment station—or any combination of stations—the part rotates a full 360° to ensure consistent, uniform surface treatment on all sides.

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Create. Innovate. Elevate.