



Pretreatment Application Equipment



Durable. Reliable. Consistent.

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320 Mallard Lane - Mankato, MN 56001

P300 Manual Pretreatment System

The P300 is designed for OEMs and job shops that have an ongoing need for cleaning and pretreating of metals. The P300 system produces the same high quality results as a high-end multi stage washer at a fraction of the cost. The P300 can deliver your pretreatment chemicals with precise metering, within 2/10 of a percent, with our patented downstream injection system.

The freedom of movement offered by the spraywand enables the operator to easily and efficiently prepare large complex parts and assemblies for final finishing.

Quick startup and direct application of chemicals, with minimal waste, makes the system a cost-effective way to professionally pretreat small quantities of parts.

Key System Features

ETL and CSA Listed

Fixed orifice injectors

Adjustable wash temperature

Redundant safety features

Downstream injection provides better, faster cleaning - pump components are not exposed to chemicals

High efficiency two-stage coil maximizes heat transfer

Naturally aspirated burner for efficient combustion

Easy-to-read diagnostic panel

Versatile design offers easy setup for any pretreatment need

Apply chemicals at either heated or ambient temperatures

NEMA motors and CAT pumps

Electronic ignition



Horsepower: 7.5

Electrical: 230 or 460 -3 Phase

Burner Output: 550,000 BTU

Pressure: Pretreat 1500 PSI - Opti. Seal Rinse: 800 PSI

GPM: 5

Gas Connection: 3/4" NPT

Dimensions: 56" L x 28" W x 64" H

Ship Weight: 1050 lbs

Fuel Consumption: 5"-9" WC Natural Gas
11" WC LP

Stack Size: 12

Water Connection: Standard garden hose-female swivel

Connection: 4 wire junction box

Nozzles: 1-15085 X 1/4" NPT

P500 Manual Pretreatment System

The P500—the P300's little brother—is manufactured with the same quality components and features of the P300; it's just a smaller system! The PEM system produces the same high quality results as high-end multi stage systems allowing you to save even more money. We guarantee you will lower your production expenses and improve product quality through better paint adhesion and corrosion protection. PEM also offers solutions to elevate your system and store your hoses to prevent damage to your equipment.



Standard Features

Dimensions:
45" L x 26" W x 48" H
480 lbs

Horsepower: 7.5

Electrical: 230 or 460 -3 Phase

Burner Output: 440,000 BTU

Pressure:
Pretreat 1500 PSI
Opti. Seal Rinse: 800 PSI

GPM: 5

Gas Connection: 3/4" NPT

Fuel Consumption:
5"-9" WC Natural Gas
11" WC LP

Stack Size: 10"

Water Connection:
Standard garden hose - female swivel

Connection: 4 wire junction box

Nozzles: 1-15085 X 1/4" NPT



SprayMate Cabinet Washer

The SprayMate has been designed to work alongside of the P300, P400 and P500. The SprayMate is manufactured entirely of stainless steel, made to withstand all types of chemicals. It has been specially designed for OEMs and job shops to clean small batches of parts thoroughly and efficiently to save cost on your chemical usage. The SprayMate will connect to your existing PEM system easily, and it can be quickly engaged with the turn of a switch. Chemicals can be applied at heated or ambient temperatures allowing you the same repeatability with cleaner parts.

Standard Features

33" L x 34" W x 76" H

850 lbs

All stainless steel construction cabinet, basket and plumbing

One switch to operate

120v motorized spinning basket

Lower basket: 25 in. diameter

Optional top basket: 22 in. diameter

700 lb total basket capacity

Vented exhaust

20 nozzles

Drain under the cabinet

140 Max Temperature



SprayLean Inline Washer System

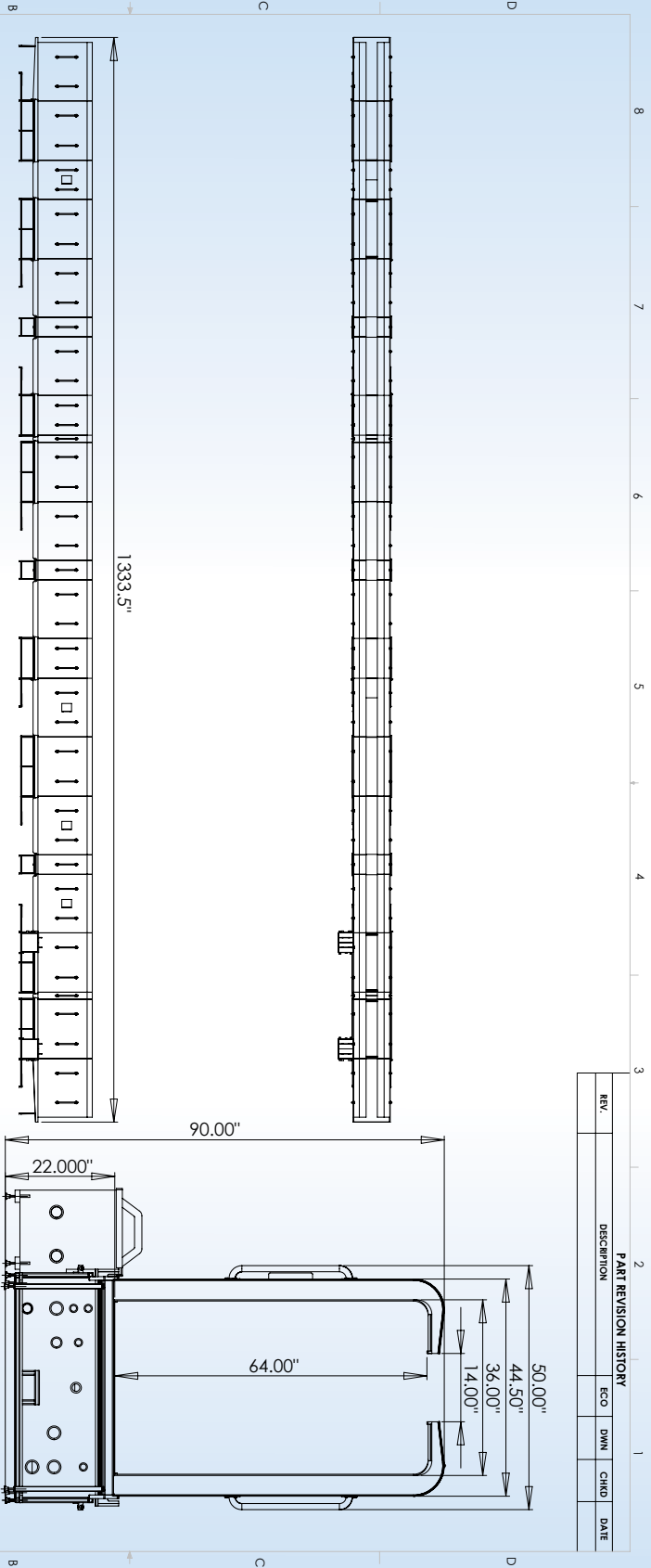
The SprayLean works well with all of today's cleaning technologies. SprayLean features a small footprint and a modular, interchangeable pod design that's easily expandable for any application. SprayLean offers easy access tanks with our removable shroud design and easy to clean quick disconnect nozzles. The modular design provides for fast installation with very low maintenance and energy consumption.



Key System Features

- Small foot print
- Modular
- Easy Installation
- Low Maintenance
- Available in 4' & 6' increments
- 28" x 64" or 68" opening
- 36" x 64" or 68" opening
- Poly ribbed support structure
- Heated stages up to 130°F
- Quick disconnect nozzles
- Pump free filtration

PART REVISION HISTORY			
REV.	DESCRIPTION	ECO	DWN



*** Dimensions for Reference ***

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