



SYNERGY

Industrial Pretreat Module

Distributed by:



HIRSCH SOLUTIONS



SY-36 paired with FY2x36-45



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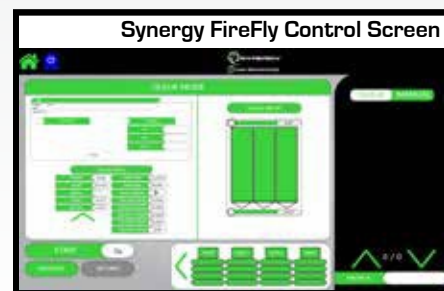
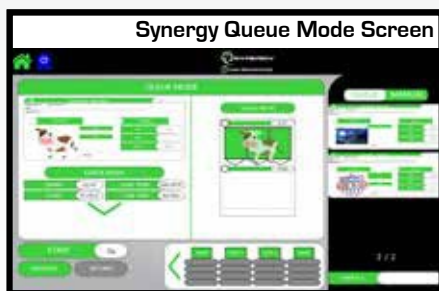
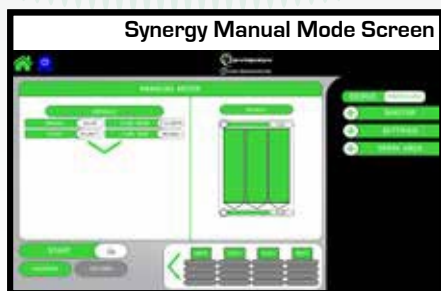
SYNERGY

Industrial Pretreat Module

The Synergy™ Industrial Pretreat Module provides complete multi-variate control of each garment. The system is designed for high volume digital decorators and connects directly to the FireFly curing system, allowing for rapid evaporation of pretreat solution and delivery to the digital output device.

Configured to spray two different pretreat solutions, and to mix them from concentrated form the Synergy system is a large scale solution to a production bottle neck. Simple to operate and easy to clean, this unit features software scheduled maintenance of the nozzle heads with built in flow sensors.

The transport belt is an integral part of the system. This allows for the transfer of the garment from the Synergy system directly into the FireFly curing unit. One continual flow that is all monitored together by the Linx™ Software Integration tool.





FIREFLY
Compatible

Linux
control system integration
Compatible

Spray features include:

- Single nozzle spray for more consistent coverage
- Spray area of 3" – 24"
- Spray width zones: 6", 12", 18"
- Quick attach nozzles
- Removable head for quick replacement
- 2 sets of independent nozzles for 2 separate pretreat types
- Servo controlled lengths
- Flow sensors to detect spray issues

Mixing features include:

- Auto mixing system from concentrate
- Mixes only 8 ounces at a time
- Auto pump bleeding
- Mix ratios are user defined
- Two Different pretreat solution types at a time

Garment Transport features include:

- Single operator can pretreat 600+ units per hour
- Auto transport to FireFly
- Multi-variate drying shirt to shirt

Software features include:

- Manual and queue modes
- Projection visual verification system
- API/XML interface
- Auto maintenance procedures
- Auto head flush
- Full system flush
- Complete control of Synergy and FireFly from one touchscreen device

Tank Storage System



Transfer Belt



Sprayer Nozzles



Synergy	SY-36
Belt width	36"
Length of chassis	75"
Length of transfer system	95"
Chassis Width	62"
Machine height	62"
Projection system height	82" minimum 96" suggested
Concentrates	2
Nozzle count	6
Spray area	3" - 24"
Spray zone widths	6", 12", 18"
Power requirements	120V, 12A

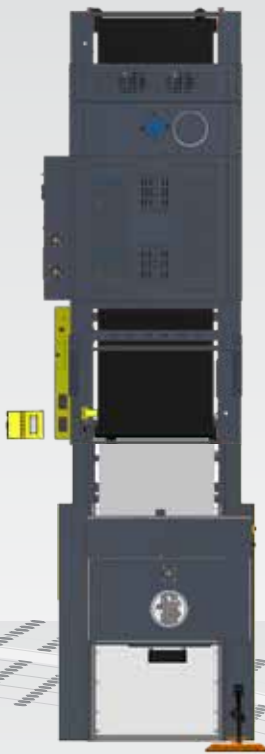


Options and attachments

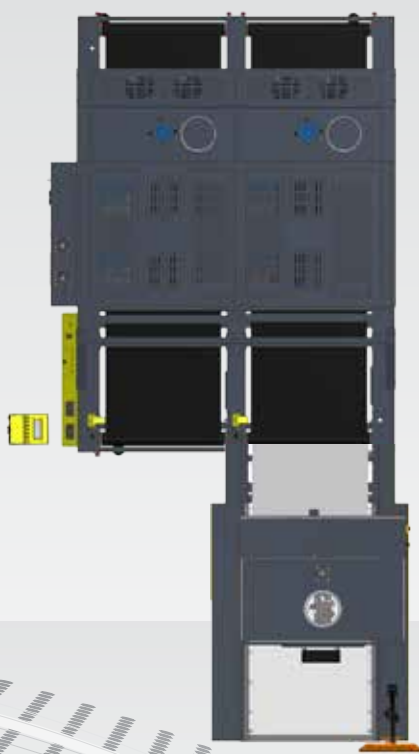
The Synergy Pretreat System allows for expansion. Increase your production speed with easy to install options.

- 45" frame extensions
- 55 gallon drum stations
- Linx™ Control System Integration software

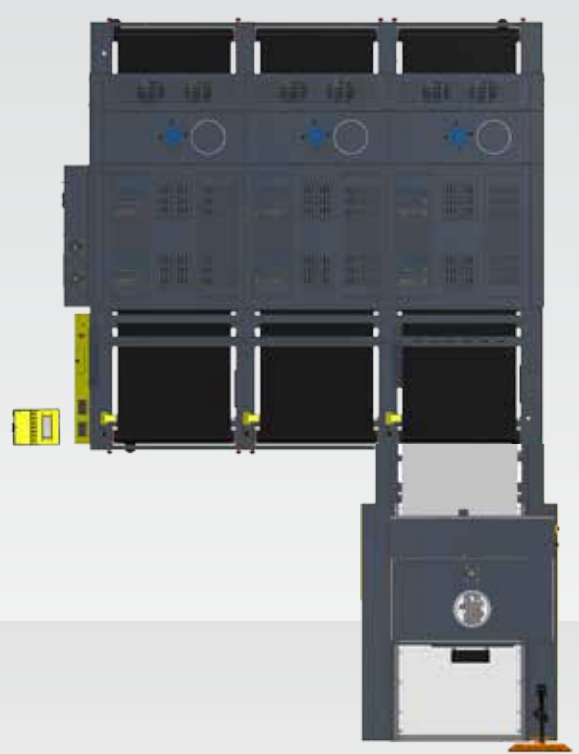
FY1x36-45 with SY-36



FY2x36-45 with SY-36



FY3x36-45 with SY-36



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