



SURE TACK SYSTEMS

A DIVISION OF CRIST COMPANY INC.

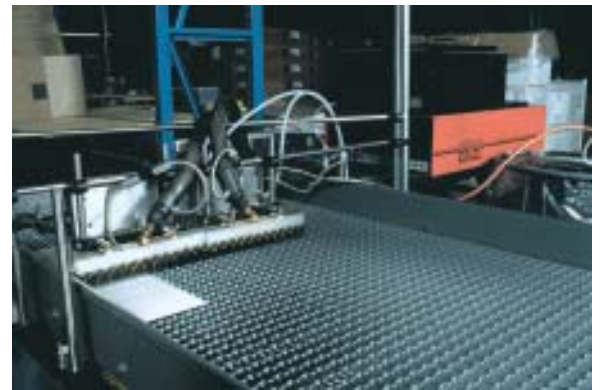


HOT MELT SYSTEMS

INNOVATIVE SOLUTIONS FOR ALL INDUSTRIES AND APPLICATIONS



Industry Leader in High Speed Automated Tipping Applications



Custom Turn Key Systems Available

SURE TACK SYSTEMS, a division of Crist Company Inc., was established in 1980 and offers a diverse product line to meet your hot melt machinery applications.

OUR GOAL: Provide Hot Melt Glue Systems that are simple to operate, easy to maintain and are exceptionally reliable... without compromising flexibility or performance.

Over 20 years experience in the hot melt industry has allowed STS to create a line of hot melt machinery that will outlast and outperform the competition.

Service technicians can be reached 24 hours a day, seven days a week. Maintenance training schools are offered throughout the life of the system free of charge. Standard spare parts orders will be shipped same day if the order is received by 3:00 PM EST. System orders can be expedited when the application demands, at no additional charge.

Whether your need is for high-speed extrusion, wide web spray, slot coating or manual product assembly; STS has a hot melt system to fit your individual needs and budget.

It is our philosophy that the only guarantee for a successful business is to achieve **100%** customer satisfaction. Large or small, we genuinely care about our family of customers and will do whatever it takes to keep you satisfied.



Innovative Upholstery Solutions
Save Time and Money



Spray and Extrusion Technologies Combined
to Solve Intricate Application Demands

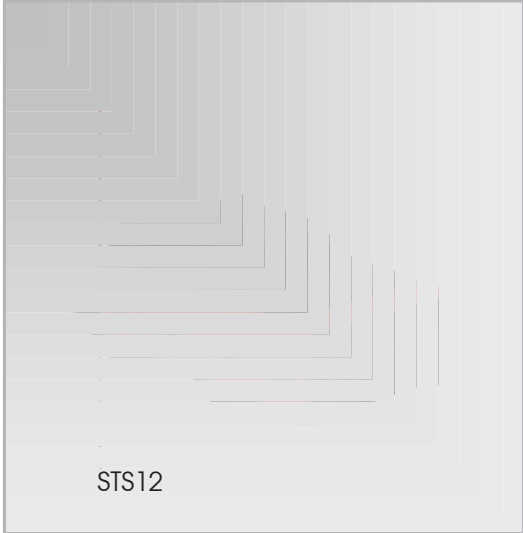


Ergonomic Manual Packaging Solutions



Unsurpassed Deliveries on System Orders and Same
Day Shipments on all Standard Spare Parts Meets
Demanding Production Schedules

STS 2400 SERIES SUPPLY UNITS



- Simplicity of design makes STS supply units the most serviceable in the industry
- Self-diagnostic digital temperature readouts with quick scan and fault sensing features
- Solid state temperature controllers with one touch individual standby features
- Melt tanks offered in 12 and 25 lb. capacities
- Capable of running from one to four hoses and applicators
- User-friendly intuitive design makes operation simple

- Teflon® coated melt tanks reduce charred glue build-up
- Precision gear pumps combined with a variety of motor options allows a wide selection of pump rates
- Easy access to all electrical operating controls for quick maintenance
- Low temperature pump lockout prevents premature system start-up
- Over-temperature protection with visible alarm
- Flow/pressure regulation of adhesive output
- Full opening lid allows for easy adhesive loading and cleaning of supply unit
- Systems available for manual or automatic spray, slot coating, and extrusion applications



OPERATOR PANEL



- Easy to operate intuitive control panel
- On/Off circuit breaker protection
- Easily accessible motor fuse
- One touch standby with indication lights
- Digital and analog temperature readings
- Visible alarm for over-temperature protection

STS 2300 SERIES SUPPLY UNITS



- Same user-friendly options as the smaller 2400 series
- Melt tanks offered in 50, 100 and 200 lb. capacities
- Capable of running from one to six hoses and applicators
- Additional motor options available
- Level control sensors available on 100 and 200 lb. units
- Adjustable over-temperature protection



WATER RESISTANT SUPPLY UNITS



- Water resistant version of the STS series, designed for wash down and wet environments
- Stainless steel, chrome and plastic construction provides protection from rust and corrosion
- Pressurized, transparent operator panel keeps water and cleaning solutions out of operator controls
- Melt tanks available in 12 and 25 lb. capacities

ST SERIES SUPPLY UNITS

- Economical, low maintenance systems
- 12 lb. capacity melt tank with high melt rate grid
- Over-temperature and low temperature protection circuits
- Independent temperature controls for melt tank, hoses and automatic applicators
- Compact, light-weight fiberglass and sheet metal construction
- Flow adjustment valve regulates adhesive output
- Standard and heavy duty motor options for different pump rate requirements
- One to two hose capability



SUPPLY UNITS SPECIFICATIONS CHART

Supply Unit	ST12 2000 Series	ST12HV 2200 Series	STS12 2400 Series	STS25 2400 Series	STS50 2300 Series	STS100 2300 Series	STS200 2300 Series
Tank Capacity	12 Lbs.	12 Lbs.	12 Lbs.	25 Lbs.	50 Lbs.	100 Lbs.	200 Lbs.
Melt Rate	15 Lbs. Per Hour	15 Lbs. Per Hour	16 Lbs. Per Hour	20 Lbs. Per Hour	60 Lbs. Per Hour	75 Lbs. Per Hour	90 Lbs. Per Hour
Pump Rate	40 Lbs. Per Hour	100 Lbs. Per Hour	100 Lbs. Per Hour	100 Lbs. Per Hour	*230 Lbs. Per Hour	*230 Lbs. Per Hour	*230 Lbs. Per Hour
Temperature Control	Manual	Manual	Solid State	Solid State	Solid State	Solid State	Solid State
Voltage @60Hz	120V (100V/50Hz)	120V (100V/50Hz)	120V/230V (220V/50Hz)	120V/230V (220V/50Hz)	230V	230V	230V
Warm Up Time	35 Minutes	35 Minutes	35 Minutes	35 Minutes	45 Minutes	45 Minutes	45 Minutes
Dimensions In Inches	Length 15 Width 12 Height 17	Length 15 Width 12 Height 22	Length 32 Width 14 Height 12	Length 32 Width 14 Height 18	Length 41 Width 22 Height 18	Length 41 Width 22 Height 24	Length 41 Width 22 Height 39
Number of Hoses	1 - 2	1 - 2	1 - 4 ** (WR 1 - 2)	1 - 4 ** (WR 1 - 2)	1 - 6	1 - 6	1 - 6

All specifications are measured with typical EVA based adhesives. Specifications will vary depending on adhesive type and supply unit options/upgrades, consult factory for additional pump rate and melt rate packages. * Pump rate measured with heavy duty 1/3 H.P. motor. ** WR - Water Resistant Series. Specifications subject to change without notice. © 2003 Crist Company, Incorporated.

HA2 SERIES APPLICATORS



(Extrusion Module)

- Modular design allows for a multitude of configurations
- Readily exchangeable, requires removal of two bolts
- Capable of 4200 cycles per minute
- Advanced technology and machining allows for exceptional cut-offs and eliminates tailing
- Unique three seal design for long seal life and high performance

EXTRUSION SERIES



(One Module)

(One Module T-Bar)

(Two Module, 2" Spacing)

(Two Module T-Bar)

(Two Module Vertical Feed, 1" Spacing)

(Four Module Low Profile, 7/8" Spacing)

- Compact heater bodies capable of holding 1-14 modules
- Low profile applicators designed to fit in narrow spaces
- Module spacing as close as 7/8" on center
- In-line filtration prevents nozzle plugging
- Offered in 120 or 230 volt service

(Three Module, 3" Spacing)

(Six Module, 7/8" Spacing)

(Twelve Module, 1" Spacing)

Additional spacing/configurations available, consult factory.

SPRAY SERIES

- Patented spray technology
- Pattern widths up to 14" per module
- Integrated air heaters
- Economical wide-web solutions

(One Module)

(Three Module, 2" Spacing)

(Five Module, 3" Spacing)

(Seven Module, 2" Spacing)

Additional spacing/configurations available, consult factory.

SLOT COATING SERIES

- Slot coating configuration available in 1/8" to 12" widths
- Coat weights range from 1 - 40 mils
- Exceptional response speeds for high speed intermittent slot coating
- Segmented slot nozzles with independent porting for complex slot patterns

(One Module)

(Two Module Vertical Feed, 1" Spacing)

(Three Module, 1.3" Spacing)

(Eight Module, 1.5" Spacing)

Additional spacing/configurations available, consult factory.

HA2 SERIES NOZZLES

- Nozzles are available in a wide range of custom and standard configurations to meet all hot melt pattern requirements

P/N: 1226
Standard Nozzle
.010" - .040"

P/N: 1229
90° Multi-Orifice
.010" - .035"

P/N: 1233
Large Nozzle
.025" - .090"

P/N: 1230
90° Single Orifice
.010" - .040"

P/N: 1232 or 1246
Extended Nozzle
.015" - .090"

P/N: 1237
T-Bar Nozzle

P/N: 1628 & 1627
Spray Nozzle .015" - .090" & Air Cap

TRADITIONAL HANDGUNS



Standard Extrusion



Standard Spray

- Durable, solid aluminum construction
- Well insulated for a comfortable grip
- Heated components isolated in the main body of the applicator to minimize heat exposure



Parallel-Entry Extrusion



Parallel-Entry Spray

- Various entry angles for easy manipulation in all types of applications
- Application configurations include: extrusion, spray and slot coating
- Patented spray technology allows for patterns ranging from 1/4" to 14" widths



IN-LINE HANDGUN

- Ergonomic, compact, lightweight design
- Overhead positioning of the handgun facilitates outstanding precision and speed in any application, while reducing operator fatigue
- Simple valve mechanism with fewer moving parts, provides exceptional reliability and cost effectiveness to maintain
- Overhead mounting prevents the handgun from being dropped, eliminating the number one cause of handgun repairs
- Ideal for a wide range of applications including manual case sealing, product assembly, packaging, woodworking, etc...

TABLE TOP HANDGUN



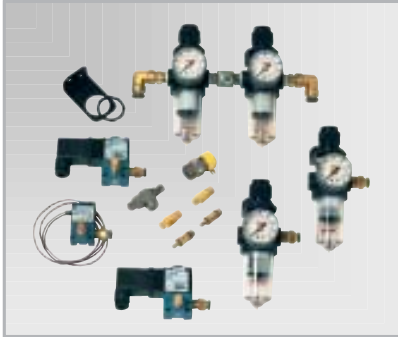
- Unsurpassed ergonomic design for table top application
- Light touch electronic trigger to reduce operator fatigue
- Readily adaptable to future automation if production demands change
- Dual position handle adapts to your specific application
- Available in spray or extrusion configuration

SOLID STATE HOSES

- Precision wound and calibrated for uniform temperature control
- Durable nine layer construction for superior dielectric and thermal insulation
- Bend radius as small as 8"
 - Several temperature control options
 - Quick-disconnect electrical plugs with stainless steel conduit
 - Available in lengths of 3, 5, 8, 12 and 16 feet



ACCESSORIES



Complete line of pneumatic accessories for customer convenience



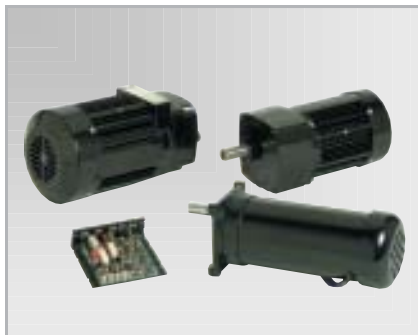
Timing and sensing systems available for pattern control in automatic systems



Bench, floor and wall mounting tool balancers



Flow valve heater for enhanced flow with difficult to deposit adhesives



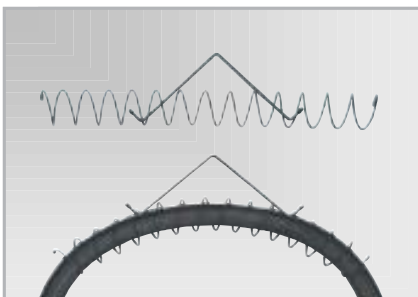
Wide range of fixed-speed AC motors and variable-speed DC drives accommodate individual output needs



Glue manifold pressure gauge for precise monitoring and adjustments



Bracket assemblies for applicator mounting and placement



Hose hanger assemblies offer support in both manual and automatic applications



Custom pattern control packages available



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