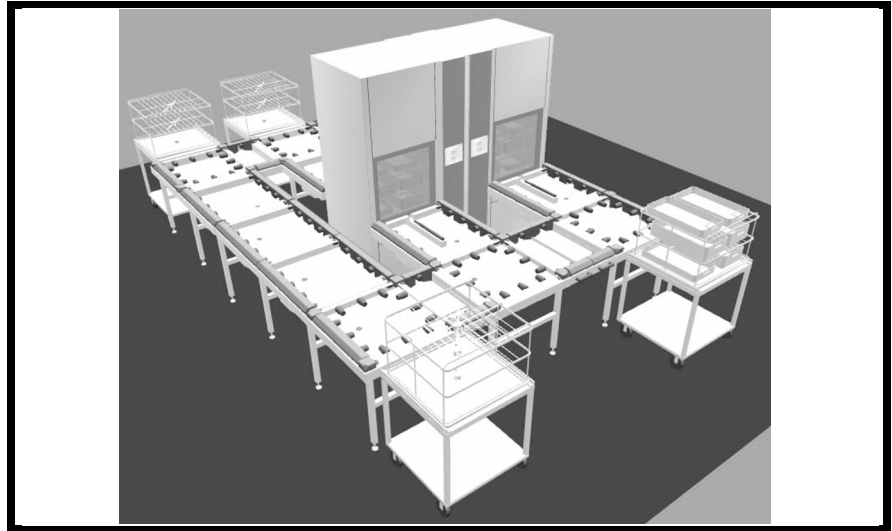




APPLICATION

The SCS Conveyor System is a flexible, semi-automated (motorized and non-motorized conveyors) or fully automated, modular conveyor system intended to heighten facility productivity and efficiency. The conveyor system is designed to link compatible, multiple, single-chamber washers and/or multi-chamber washer/disinfectors in a closed loop system for hands-free handling of baskets and accessories used to process soiled reusable utensils, trays, glassware, bedpans and urinals, rubber and plastic goods, simple hard-surfaced rigid surgical instruments (such as forceps and clamps) and other similar and related articles found in healthcare and life sciences facilities.



(Typical only - some details may vary.)

The Selections Checked Below Apply To This Equipment

STANDARD LAYOUTS:

Load/Unload Configurations

- SCS-L-011 (Genfore, Synergy, 444, 450)
- SCS-L-013 (Genfore, Synergy, 444, 450)
- SCS-L-015 (Genfore, Synergy, 444, 450)
- SCS-L-017 (Genfore, Synergy, 444, 450)
- SCS-L-012 (Vision Single-Chamber)
- SCS-L-014 (Vision Single-Chamber)
- SCS-L-016 (Vision Single-Chamber)

Return Line Configurations

- SCS-L-001
- SCS-L-002
- SCS-L-003
- SCS-L-004
- SCS-L-006
- SCS-L-007

Semi-Automated Configurations

- SCS-L-005
- SCS-L-010
- SCS-L-008 (Use with 180° rotation)
- SCS-L-009 (Use with 180° rotation)

INDIVIDUAL CONVEYOR MODULES

- SCS-B
- SCS-2W
- SCS-FO
- SCS-2W-FO
- SCS-LE
- SCS-2W-LE
- SCS-E
- SCS-E-LG
- SCS-SE
- SCS-SE-LG

INDIVIDUAL CONVEYOR MODULES (Cont'd)

- SCS-BM
- SCS-M-FI
- SCS-M-FO
- SCS-M-RD
- SCS-FA-L
- SCS-FA-L-ULG
- SCS-FA-L-DLG
- SCS-FA-L-2LG
- SCS-FA-R
- SCS-FA-R-ULG
- SCS-FA-R-DLG
- SCS-FA-R-2LG
- SCS-FAU-L
- SCS-FAU-L-ULG
- SCS-FAU-L-DLG
- SCS-FAU-L-2LG
- SCS-FAU-R
- SCS-FAU-R-ULG
- SCS-FAU-R-DLG
- SCS-FAU-R-2LG
- SCS-FAU-LE

ACCESSORIES*

- Legs with Anchorage
- Transfer Cart Adaptor
- Plastic Side Guide
- Connection Pack (Motorized Loading): To One Reliance 444, 450, Synergy, Genfore, Vision Single-Chamber or Multi-Chamber Unit
- Additional Plastic Side Guide for SCS-FA
- Drive Side Transfer Cart Adaptor for SCS-FA with GO Pushbutton
- GO Pushbutton

ACCESSORIES (Cont'd)*

- Transfer Cart Adaptor for Non-Motorized Side on SCS-FA with GO Pushbutton
- Connection Pack (Non-Motorized Loading): To One Reliance 444, 450, Synergy, Genfore, Vision Single-Chamber or Multi-Chamber Unit
- Connection Pack: To One Reliance/Hamo Vision Multi-Chamber Washer/Disinfector
- Seismic Anchorage Kit (SCS-07)
- Electric Power Supply
- Pressure Release Pushbutton for Reliance 444 or 450 Unit
- Drain Flexible Hose Connection Pack
- Connection Pack (Non-Motorized Loading and Non-Motorized Unloading): To One Reliance 444, 450 or Synergy Unit
- Connection Pack (Motorized Loading): To One Reliance/Hamo Vision Single-Chamber Washer/Disinfector
- Connection Pack (Non-Motorized Loading): To One Reliance/Hamo Vision Single-Chamber Washer/Disinfector
- Connection Pack (Non-Motorized Loading and Non-Motorized Unloading): To One Reliance/Hamo Vision Single-Chamber Washer/Disinfector
- Recess Installation Pack for Motorized Return Door

* Refer to **Table 6** for description of accessories.

Item _____

Location(s) _____

DESCRIPTION

The SCS Conveyor System is designed to quietly (minimal operational sound level) load/unload 24 x 24" [610 x 610 mm] Amscomatic and Reliance® Series racks, and to interface with the following washers:

- Reliance® Genfore™ Washer/Disinfector
- Reliance® 444 Single-Chamber Washer/Disinfector (from S/N 3624500xxx)
- Reliance® 450 Glassware Washer (from S/N 3624502xxx)

NOTE: For Reliance 444 and Reliance 450 washers up to S/N 3624402xxx, call STERIS to verify if SCS Conveyor System can be made compatible.

- Reliance® Synergy® Washer Disinfector
- Reliance® Vision® Single-Chamber Washer/Disinfector
- Reliance® Vision® Multi-Chamber Washer/Disinfector (not compatible to Load/Unload conveyors)

The SCS Conveyor System also interfaces with the following transfer carts:

- FD21-800 (Reliance 444, 450, Synergy, Genfore and Vision Single-Chamber and Multi-Chamber)
- FD61-700 (Universal Transfer Cart).

STANDARDS

This **SCS Conveyor System** meets the applicable requirements of the following standards, **as certified by UL:**

- Underwriters Laboratories (UL) Standard UL 61010-1 Second Edition
- Canadian Standards Association (CSA) CAN/CSA C22.2 No. 61010-1 Second Edition

Governing Directive for the affixing of the CE mark:

- Machinery Directive 2006/42/EC

Standards applied to demonstrate conformity to the directives:

- International Standard IEC 61010-1 Second Edition
- International Standard IEC 61326-1:2005

Conformity to other applicable directives:

- Electromagnetic Compatibility 2004/108/EC
- Low Voltage 2006/95/EC

SIZE (W x H x L)

All dimensions listed are for individual modules.

Overall dimensions:

- 31-3/4 x 31 x 31-3/4" (806 x 787 x 806 mm)

Other dimensions (SCS-FA):

- SCS-FA or SCS-FAU With One Lift Gate
 - » 41-3/8 x 31 x 31-3/4" (1041 x 787 x 806 mm)
- SCS-FA or SCS-FAU With Two Lift Gates
 - » 51 x 31 x 31-3/4" (1295 x 787 x 806 mm)

Normal height:

- 31" (787 mm) from the floor
- Height adjustment (range):
- 29 to 33" (737 to 838 mm)

FEATURES

NOTE: Expert STERIS Systems Planners must assist in designing a configuration to an existing or new system, focusing on the most efficient use of equipment and space.

Each conveyor type (see Table 1) is equipped with either free or motorized rollers. For motorized rollers, the drive mechanism is provided by a 65 W gear motor.

The conveyor frame is constructed of #304 stainless steel (No. 4 finish). The **Plastic Side Guides** are made of 3/16" (5 mm) thick blue ABS plastic.

The pneumatic cylinders are used to push/pull racks in and out of the process chamber, or to index racks automatically from a SCS-FA or to a SCS-FAU. The pneumatic guides are used to stabilize racks on all sides during automated change of directions.

The proximity sensors automatically detect basket position and are designed to operate in a soiled/wet environment.

Drip pans, located under the conveyor surface, allow for rack drainage collection following the loading/unloading process. A drain opening (sized for 1-1/2" NPT female adaptor) is provided in the drip pan for connection to the facility drain line or fitted with a bottle to collect drainage.

An additional **Plastic Side Guide (SCS-03 or SCS-26)** is supplied to close a conveyor side if a Transfer Cart Adapter (**SCS-02 or SCS-29**, accessory) is not required.

A lift gate conveyor (SCS-E-LG or SCS-SE-LG) can be supplied and easily opened by the user to allow access to the other side of the conveyor layout loop (typically used with cabinet washers installed side-by-side). SCS-FA-ULG, SCS-FA-DLG, SCS-FA-2LG, SCS-FAU-ULG, SCS-FAU-DLG and SCS-FAU-2LG have built-in motorized lift gates.

A motorized return door (SCS-M-RD) can be supplied and easily opened by the user to allow access to the other side of the conveyor layout loop (typically used with cabinet washers installed side-by-side).

NOTE: The door is equipped with an obstruction sensor to detect any door obstruction. If an obstruction is present, door automatically opens.

SCS Conveyor Solutions (see Table 1) is a flexible, modular system that allows workflow designs to be created for efficient transport and ergonomic handling of racks. The solutions range from simple load/unload designs to fully automated conveyor designs.

SAFETY FEATURES

The SCS Conveyor System is equipped with one electrical power supply (mounted under conveyor frame) for each four powered conveyors. To de-energize conveyor layout, either turn power supplies to **OFF** and wait for green indicator lights to turn OFF or (for conveyor types interfaced with a Reliance Synergy unit) press **EMERGENCY STOP** pushbutton.

For SCS-FO, SCS-2W-FO, SCS-FA or SCS-FAU conveyor types interfaced with a Reliance 444 washer/disinfector, a Reliance 450 washer or a Reliance/Hamo Vision Single-Chamber washer/disinfector, a pressure-release pushbutton is supplied as an accessory.

NOTE: Conveyors are never turned OFF unless the conveyor power supply ON/OFF switch or facility circuit breaker is in OFF position.

ACCESSORIES

The SCS Conveyor System is designed with a complete package of accessories (see **Table 2**) to enable great design flexibility.

CONTROL SYSTEM

Each conveyor equipped with a feed-in (FI) or feed-out (FO) system to load or unload a washer/disinfector or any fully automated conveyor (SCS-FA or SCS-FAU) is equipped (see **Table 5**) with a PLC controller. Other automatic conveyor designs use relays and proximity sensors to detect baskets and/or racks and control operation.

INSTALLATION

The SCS Conveyor System is designed to be freestanding. The minimum clearance between the finished floor and the conveyor is 29" (737 mm). The minimum service clearance for the motorized conveyors (motorized side) is 10" (254 mm) if access is available on both sides of the conveyor; 17" (432 mm) if access is only on one side of the conveyor.

PREVENTIVE MAINTENANCE

Customers are encouraged to contact STERIS concerning annual maintenance programs. Under the terms of these programs, preventive maintenance, adjustments and replacement of worn parts are provided on a scheduled basis to help ensure optimal equipment performance and help minimize untimely or costly schedule interruptions. STERIS maintains a worldwide staff of well-equipped, factory-trained technicians to provide these services, as well as on-site installation, training and expert repair services. Contact STERIS for details.

NOTES

1. Conveyors are designed to give optimal results in an indoor environment where the temperature is maintained between

41-104°F (5-40°C) and maximum relative humidity is 80% for temperatures up to 88°F (31°C) decreasing linearly to 50% relative humidity at 104°F (40°C).

2. Workflow arrows affixed under each non two-way conveyor must point in correct direction.
3. STERIS recommends shutoff valves (not provided by STERIS) be installed on air lines and disconnect switches (not provided by STERIS) be installed on electrical supply lines.
4. Clearances shown are minimal for installing and servicing the SCS Conveyor System.
5. Always follow local electrical and plumbing codes and safety-related work practices.
6. Customer must ensure conveyor stands on a noncombustible, non-slip, level floor.
7. Height adjustment (range) is 29 to 33" (737 to 838 mm).
8. Maximum of four powered conveyors per power supply. Each conveyor is individually connected (in parallel).
9. Customers must decide if drains are required and what type of connections are required.
10. Expert Systems Planners from STERIS must assist in designing a configuration to an existing or new system focusing on the most efficient use of space.

UTILITY REQUIREMENTS

NOTE: Refer to Equipment Drawing 920-506-414 for installation details and specifications.

Weight:

- Maximum conveyor operating weight (including basket/rack and load weight) is 135 lb (61 kg)
- Shipping weight for non-motorized conveyors is 60 lb (27 kg)
- Shipping weight for motorized conveyors is 94 lb (43 kg)
- Shipping weight for fully automated conveyors is 130 lb (59 kg)

Air (Connected to Washer Supply):

- 1/4" NPT (1/4" BSPT), 80 (dynamic) to 125 (static) psig (550-860kPa). Refer to appropriate Tech Data (SD553, SD786, SD855, SD856, SD867, SD895, SD896 and SD880).
- Operating consumption of 1 scfm (1.8 m³/min). Refer to washer technical data.

Drain:

- 1-1/4" (32 mm). See NOTES.

Electricity:

- 100 V, one-phase, 60 Hz, 15 Amp
- 200-240 V, one-phase, 50/60 Hz, 15 Amp
- 200-480 V, three-phase, 50/60 Hz, 15 Amp

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

The base language of this document is ENGLISH. Any translations must be made from the base language document.

Table 1. SCS Conveyor Solutions (Simple Load/Unload Design to Fully Automated Conveyor Design)

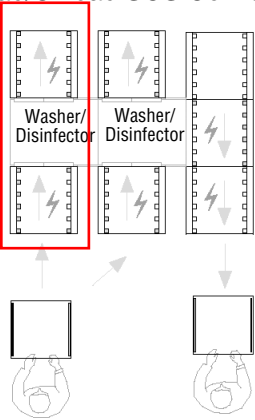
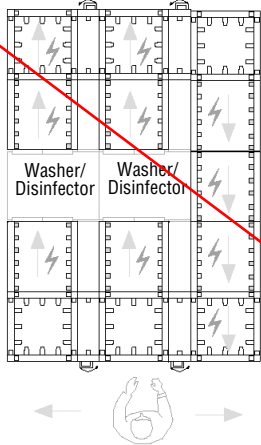
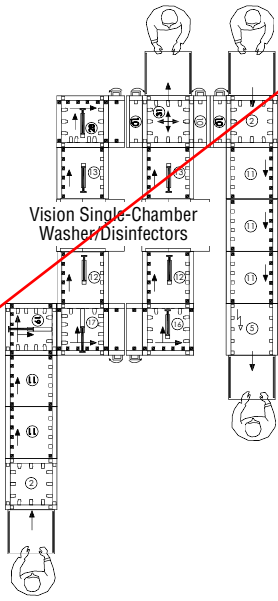
<p>Load/Unload SCS Conveyor</p> 	<p>Load/Unload SCS Conveyor Features:</p> <ul style="list-style-type: none"> • Load point at individual washer • Users select washer to feed • Manual rack transportation using TC • Stand alone return line • Low queue capacity
<p>Semi-Automated SCS</p> 	<p>Semi-Automated SCS Features:</p> <ul style="list-style-type: none"> • Multiple load points • Users select washer to feed • Manual rack transportation using conveyor • Connected return line • Moderate queue capacity
<p>Fully-Automated SCS</p> 	<p>Fully-Automated SCS Features:</p> <ul style="list-style-type: none"> • Set it and forget it – Single load point • Traffic manager selects washer • Automated rack transportation • Connected return line • Maximum queue capacity/foot print ratio

Table 2. Standard SCS Return Lines and Semi-Automated Configurations

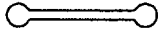
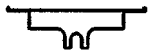





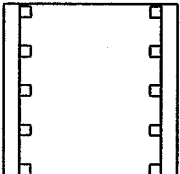


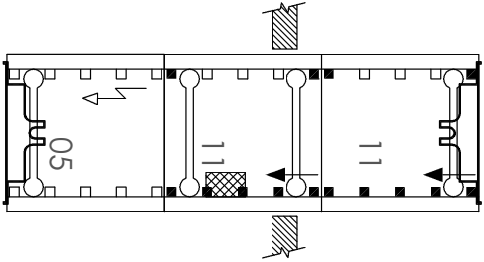
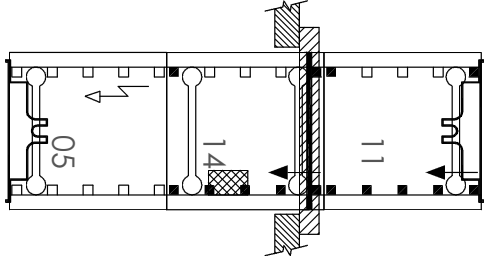
Configuration	Description
<p>LEGEND</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>Legs with Anchorage</p> </div> <div style="text-align: center;">  <p>Transfer Card Adaptor</p> </div> <div style="text-align: center;">  <p>Electrical Power Supply</p> </div> <div style="text-align: center;">  <p>Wall</p> </div> <div style="text-align: center;">  <p>Unload Flow</p> </div> </div> <div style="display: flex; justify-content: space-around; align-items: flex-start; margin-top: 20px;"> <div style="text-align: center;">  <p>Work Flow</p> </div> <div style="text-align: center;">  <p>Pneumatic Cylinder</p> </div> <div style="text-align: center;">  <p>SCS Conveyor Module</p> </div> <div style="text-align: center;">  <p>Non-Motorized Roller</p> </div> <div style="text-align: center;">  <p>Motorized Roller</p> </div> </div>	
<p style="text-align: center;">SCS-L-001</p> 	<p>Three module motorized return line. Return line provides the transportation of racks to the soiled side from the clean side.</p> <p>Configuration fits with a single-chamber washer/disinfector, single load and single unload modules.</p> <p>Please refer to Drawing 920-513-846.</p>
<p style="text-align: center;">SCS-L-002</p> 	<p>Three module motorized return line with an automated return line door. Return line provides the transportation of racks to the soiled side from the clean side with an automated return door to minimize cross-contamination. Configuration fits with a single-chamber washer/disinfector, single load and single unload modules.</p> <p>Please refer to Drawing 920-513-846.</p>

Table 2. Standard SCS Return Lines and Semi-Automated Configurations (Cont'd)

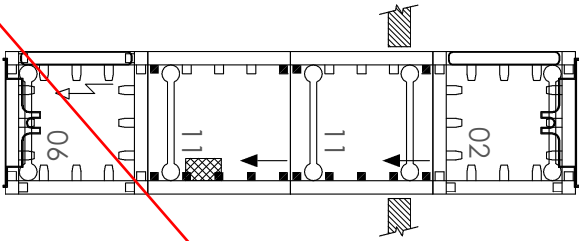
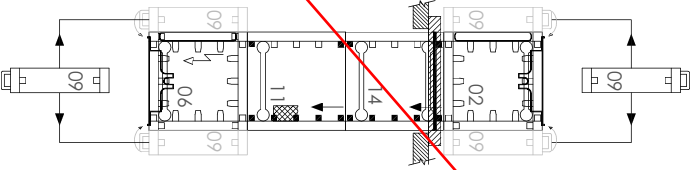
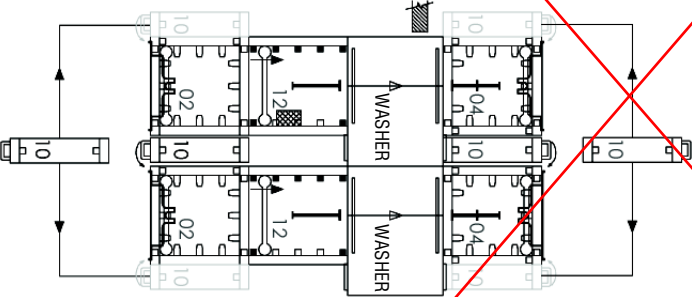
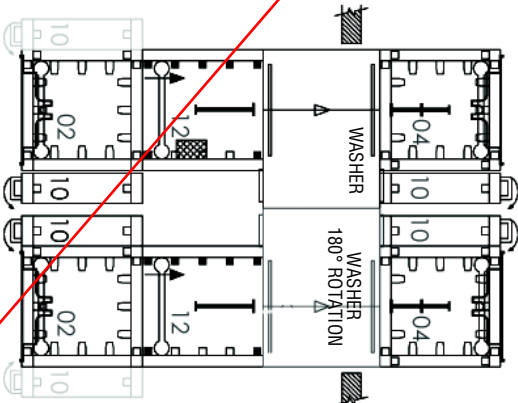
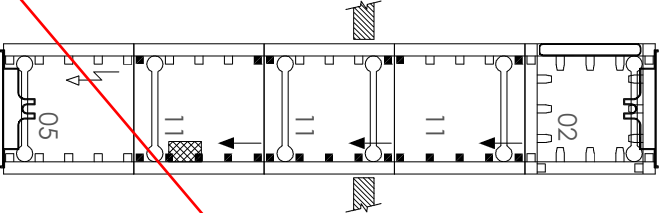
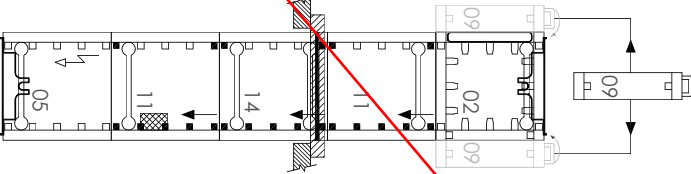
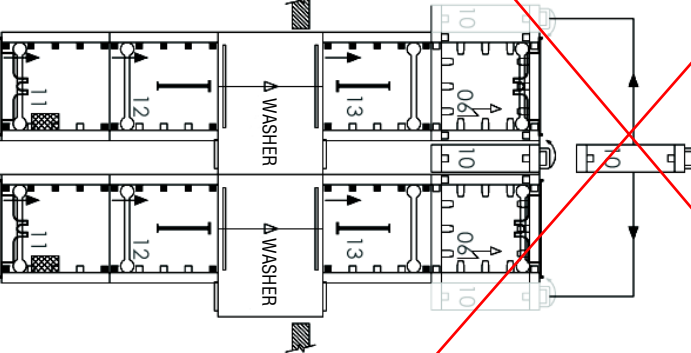
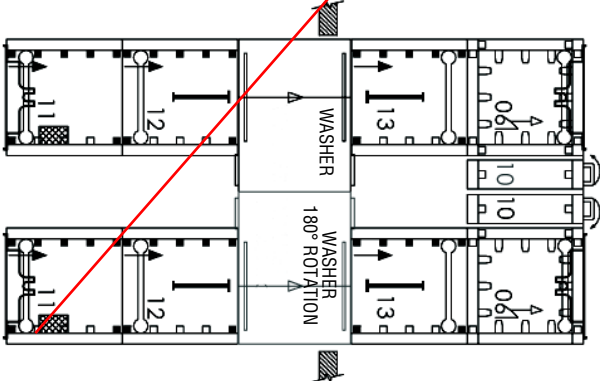
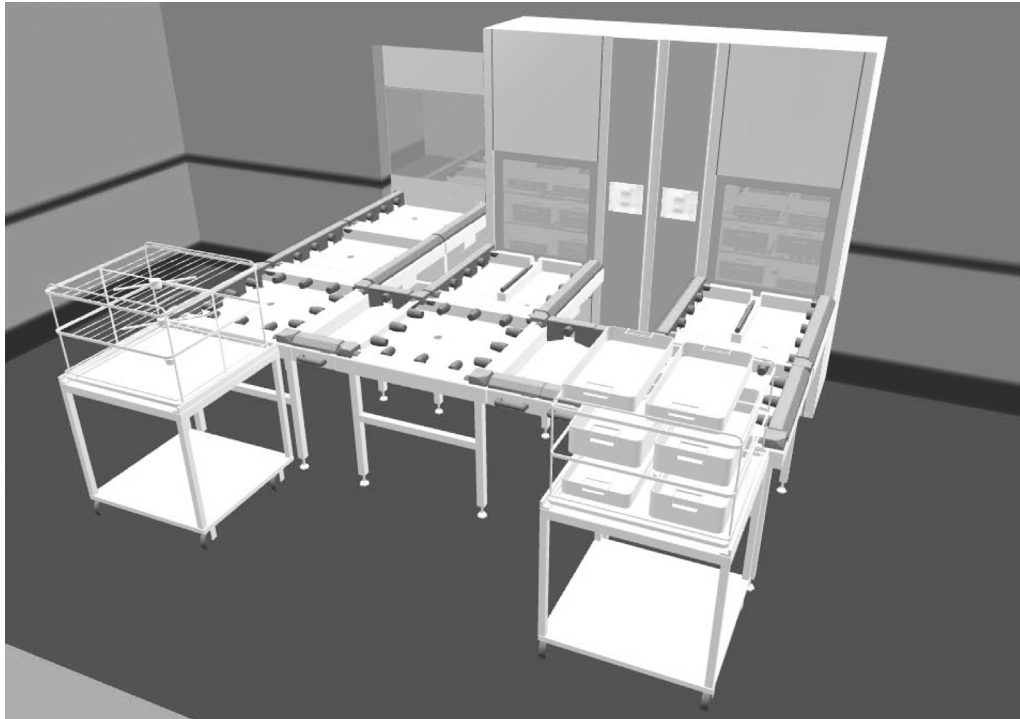
Configuration	Description
<p style="text-align: center;">SCS-L-003</p> 	<p>Four module motorized return line. Return line provides the transportation of racks to the soiled side from the clean side. Configuration fits with a single-chamber washer/disinfector, double load and single unload modules.</p> <p>Please refer to Drawing 920-513-813.</p>
<p style="text-align: center;">SCS-L-004</p> 	<p>Four module motorized return line with an automated return line door. Return line provides the transportation of racks to the soiled side from the clean side with an automated return door to minimize cross-contamination. Configuration fits with a single-chamber washer/disinfector, double load and single unload modules.</p> <p>Please refer to Drawing 920-513-813.</p>
<p style="text-align: center;">SCS-L-005</p> 	<p>Standardized layout utilizing a combination of motorized and transversal non-motorized modules. This layout provides manual transportation of racks across the conveyor and then automatically from the soiled side through the washer/disinfector to clean side. This configuration fits with return lines SCS-L-003 and SCS-L-004.</p> <p><i>NOTE: Maximum four washers per layout.</i></p> <p>Please refer to Drawing 920-513-813.</p>
<p style="text-align: center;">SCS-L-010</p> 	<p>Standardized layout utilizing a combination of motorized and transversal non-motorized modules. This layout provides manual transportation of racks across the conveyor and then automatically from the soiled side through the washer/disinfector to clean side. This configuration fits with return lines SCS-L-003 and SCS-L-004 with one washer rotated 180° and an additional SCS-SE-LG.</p> <p><i>NOTE: Maximum four washers per layout.</i></p> <p>Please refer to Drawing 920-513-813.</p>

Table 2. Standard SCS Return Lines and Semi-Automated Configurations (Cont'd)

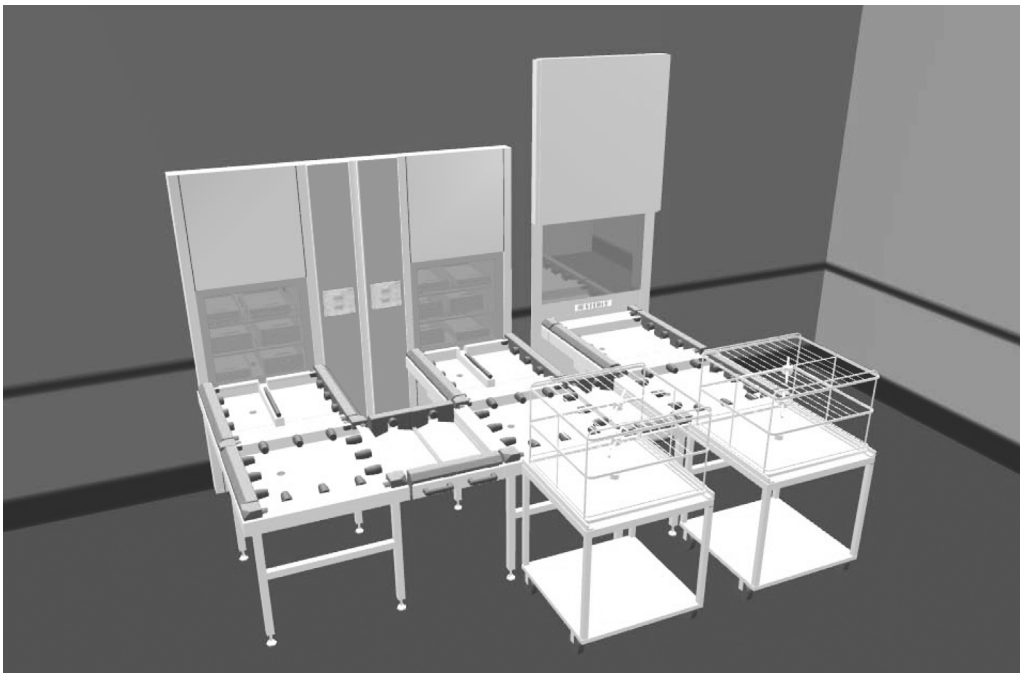
Configuration	Description
<p style="text-align: center;">SCS-L-006</p> 	<p>Five module motorized return line. Return line provides the transportation of racks to the soiled side from the clean side. Configuration fits with a single-chamber washer/disinfector, double load and double unload modules.</p> <p>Please refer to Drawing 920-513-812.</p>
<p style="text-align: center;">SCS-L-007</p> 	<p>Five module motorized return line with an automated return line door. Return line provides the transportation of racks to the soiled side from the clean side. Configuration fits with a single-chamber washer/disinfector, double load and double unload modules.</p> <p>Please refer to Drawing 920-513-812.</p>
<p style="text-align: center;">SCS-L-008</p> 	<p>Standardized layout utilizing a combination of motorized and transversal non-motorized modules. This layout provides manual transportation of racks across the conveyor and then automatically from the soiled side through the washer/disinfector to clean side. This configuration fits with return lines SCS-L-006 and SCS-L-007.</p> <p><i>NOTE: Maximum four washers per layout.</i></p> <p>Please refer to Drawing 920-513-812.</p>
<p style="text-align: center;">SCS-L-009</p> 	<p>Standardized layout utilizing a combination of motorized and transversal non-motorized modules. This layout provides manual transportation of racks across the conveyor and then automatically from the soiled side through the washer/disinfector to clean side. This configuration fits with return lines SCS-L-006 and SCS-L-007 with one washer rotated 180° and an additional SCS-SE-LG.</p> <p><i>NOTE: Maximum four washers per layout.</i></p> <p>Please refer to Drawing 920-513-812.</p>

NOTE: The standard layouts are shown. If a different layout is needed, contact STERIS.



Load Side Conveyor Layout (Typical)

(Illustrates a combination of standard layout SCS-L-010 and return line SCS-L-004)



Unload Side Conveyor Layout (Typical)

(Illustrates a combination of standard layout SCS-L-009 and return line SCS-L-007)

Table 3. SCS Non-Motorized Modules

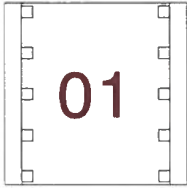
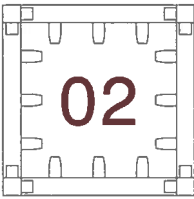

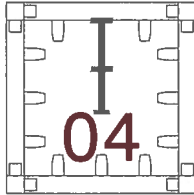
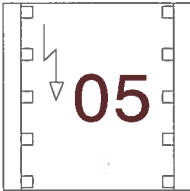
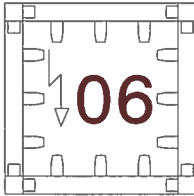
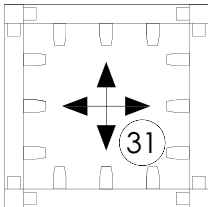
<p>SCS-B</p> 	<p>SCS-2W</p> 
<p>SCS-FO</p> 	<p>SCS-2W-FO</p> 
<p>SCS-LE</p> 	<p>SCS-2W-LE</p> 
	<p>SCS-FAU-LE</p> 
<p>Description</p>	<p>Equipment Number</p>
<p>01 – Basic Non-Motorized</p>	<p>SCS-B</p>
<p>02 – Non-Motorized 2-Direction</p>	<p>SCS-2W</p>
<p>03 – Non-Motorized with Feed-Out</p>	<p>SCS-FO</p>
<p>04 – Non-Motorized 2-Direction with Feed-Out</p>	<p>SCS-2W-FO</p>
<p>05 – Non-Motorized for Line End</p>	<p>SCS-LE</p>
<p>06 – Non-Motorized 2-Direction for Line End</p>	<p>SCS-2W-LE</p>
<p>31 – Fully Automated Unload – Line End</p>	<p>SCS-FAU-LE</p>

Table 4. SCS Extensions and Lift Gates


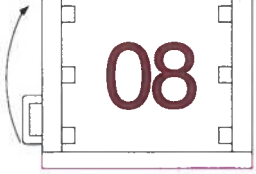


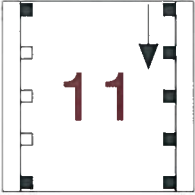
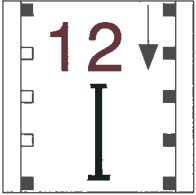
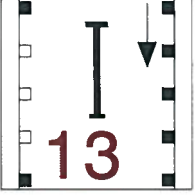

SCS Extensions and Lift Gates	
<p>SCS-E</p> 	<p>SCS-E-LG</p> 
<p>SCS-SE</p> 	<p>SCS-SE-LG</p> 
SCS Semi-Automated Motorized Modules	
<p>SCS-BM</p> 	<p>SCS-M-FI</p> 
<p>SCS-M-FO</p> 	<p>SCS-M-RD</p> 
Description	Equipment Number
07 – Extension	SCS-E
08 – Extension with Lift Gate	SCS-E-LG
09 – Short Extension	SCS-SE
10 – Short Extension with Lift Gate	SCS-SE-LG
11 – Basic Motorized	SCS-BM
12 – Motorized with Feed-In	SCS-M-FI
13 – Motorized with Feed-Out	SCS-M-FO
14 – Motorized Return Door	SCS-M-RD

Table 5. SCS Fully Automated Motorized Modules

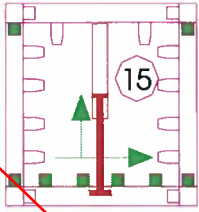
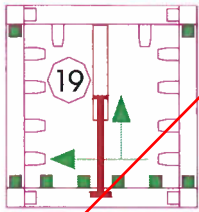
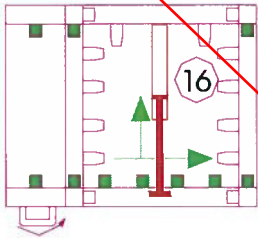
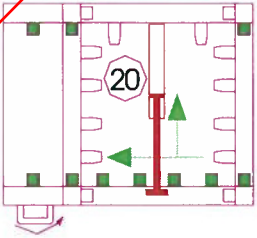
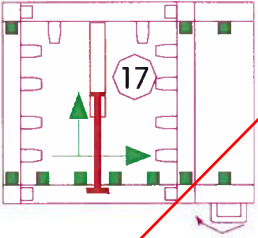
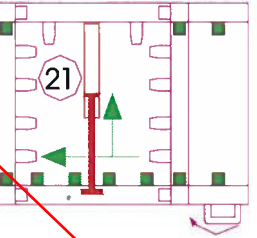
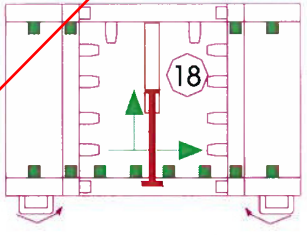
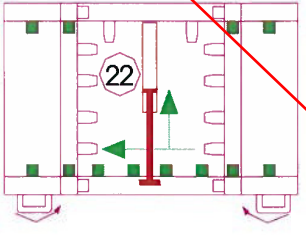
Left-to-Right Configurations	Right-to-Left Configurations
<p style="text-align: center;">SCS-FA-L</p> 	<p style="text-align: center;">SCS-FA-R</p> 
<p style="text-align: center;">SCS-FA-L-ULG</p> 	<p style="text-align: center;">SCS-FA-R-DLG</p> 
<p style="text-align: center;">SCS-FA-L-DLG</p> 	<p style="text-align: center;">SCS-FA-R-ULG</p> 
<p style="text-align: center;">SCS-FA-L-2LG</p> 	<p style="text-align: center;">SCS-FA-R-2LG</p> 
Description	Equipment Number
15 – SCS Fully Automated Left to Right – No Lift Gate	SCS-FA-L
16 – SCS Fully Automated Left to Right – Upstream Lift Gate	SCS-FA-L-ULG
17 – SCS Fully Automated Left to Right – Downstream Lift Gate	SCS-FA-L-DLG
18 – SCS Fully Automated Left to Right – Two Lift Gates	SCS-FA-L-2LG
19 – SCS Fully Automated Right to Left – No Lift Gate	SCS-FA-R
20 – SCS Fully Automated Right to Left – Downstream Lift Gate	SCS-FA-R-DLG
21 – SCS Fully Automated Right to Left – Upstream Lift Gate	SCS-FA-R-ULG
22 – SCS Fully Automated Right to Left – Two Lift Gates	SCS-FA-R-2LG

Table 5. SCS Fully Automated Motorized Modules (Cont'd)

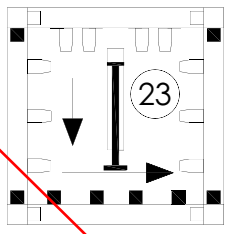
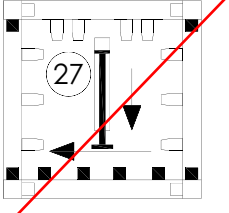
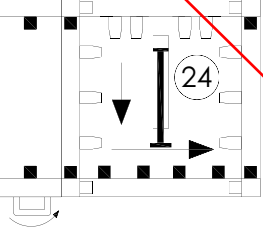
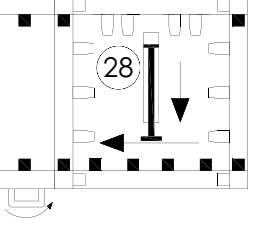
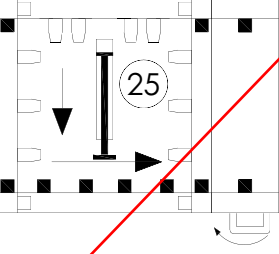
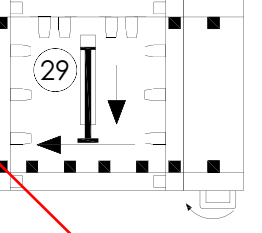
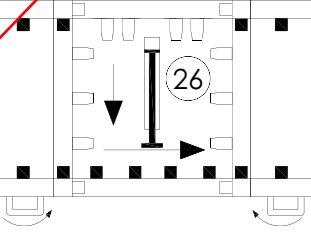
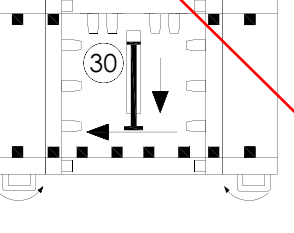
Left-to-Right Configurations	Right-to-Left Configurations
<p style="text-align: center;">SCS-FAU-L</p> 	<p style="text-align: center;">SCS-FAU-R</p> 
<p style="text-align: center;">SCS-FAU-L-ULG</p> 	<p style="text-align: center;">SCS-FAU-R-DLG</p> 
<p style="text-align: center;">SCS-FAU-L-DLG</p> 	<p style="text-align: center;">SCS-FAU-R-ULG</p> 
<p style="text-align: center;">SCS-FAU-L-2LG</p> 	<p style="text-align: center;">SCS-FAU-R-2LG</p> 
Description	Equipment Number
23 – SCS Fully Automated Left to Right – No Lift Gate	SCS-FAU-L
24 – SCS Fully Automated Left to Right – Upstream Lift Gate	SCS-FAU-L-ULG
25 – SCS Fully Automated Left to Right – Downstream Lift Gate	SCS-FAU-L-DLG
26 – SCS Fully Automated Left to Right – Two Lift Gates	SCS-FAU-L-2LG
27 – SCS Fully Automated Right to Left – No Lift Gate	SCS-FAU-R
28 – SCS Fully Automated Right to Left – Downstream Lift Gate	SCS-FAU-R-DLG
29 – SCS Fully Automated Right to Left – Upstream Lift Gate	SCS-FAU-R-ULG
30 – SCS Fully Automated Right to Left – Two Lift Gates	SCS-FAU-R-2LG

Table 6. Conveyor Accessories

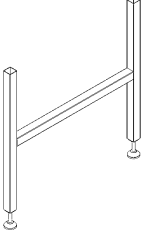
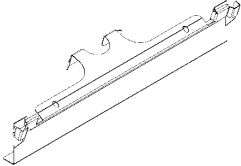
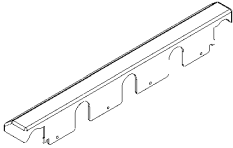
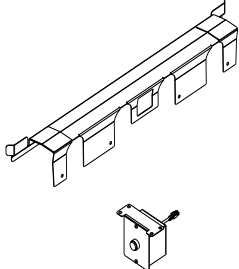
Accessory	Description
<p>Legs with Anchorage (SCS-01)</p> 	<p>Compatible with 31" (787 mm) nominal load height washers. Also allow adjustable height to adjust to floor imperfections. Includes one set of legs, installation hardware and two leg anchors.</p>
<p>Transfer Cart Adaptor (SCS-02)</p> 	<p>Adaptor compatible with all transfer carts. Allows basket to be transferred between transfer cart and conveyor safely by positioning transfer cart. When no cart is positioned against conveyor, spring mechanism raises adaptor which then acts as a guide or barrier to prevent basket from falling off.</p> <p><i>NOTE: FD24-300 Transfer Carts require installation of an upgrade package to become compatible for this adaptor.</i></p>
<p>Plastic Side Guide (SCS-03 or SCS-19)</p> 	<p>Plastic side guide to be installed on two-way conveyors located at the corners of the layout to guide baskets and prevent them from falling off open conveyor side. System layout shows where installation of this additional guide is required. Available in blue (SCS-03) or black (SCS-19).</p>
<p>Connection Pack (Motorized Loading) - Reliance 444, Genfore or Synergy (SCS-04)</p>	<p>Includes necessary mechanical and electrical hardware to connect one motorized loading conveyor to one Reliance 444, Genfore or Synergy Washer/Disinfector. Also includes bar code reader.</p>
<p>Additional Plastic Side Guide for SCS-FA (SCS-26)</p>	<p>Plastic side guide to be installed on SCS-FA located at the corners of the layout to guide baskets and prevent them from falling off open conveyor side. System layout shows where installation of this additional guide is required.</p>
<p>Drive Side Transfer Cart Adaptor for SCS-FA with GO Pushbutton (SCS-27)</p> 	<p>Compatible with FD21-800 and FD61-700 transfer carts. Allows loaded baskets to be transferred to the downstream conveyor.</p> <p>The accessory includes a GO pushbutton switch and allows an empty basket to be moved from conveyor, or a full basket to be transported to the next conveyor.</p>

Table 6. Conveyor Accessories (Cont'd)


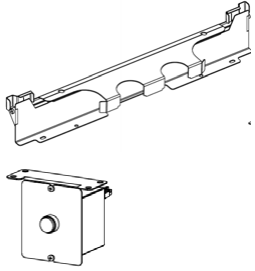
Accessory	Description
<p>GO Pushbutton for SCS-FA (SCS-28)</p> 	<p>The GO pushbutton accessory has two functions:</p> <ol style="list-style-type: none"> 1. Allows the operator to fill or empty a basket directly on the conveyor and to decide when to put the basket back in circulation in the conveyor line. 2. Allows the operator to control the circulation of the basket over the fully automated conveyors.
<p>Transfer Cart Adaptor for Non-Motorized Side on SCS-FA with GO pushbutton (SCS-29)</p> 	<p>Compatible with all transfer carts. Allows empty baskets to be unloaded from the conveyor line to the transfer cart. When no cart is positioned against conveyor, spring mechanism raises adaptor which then acts as a guide or barrier to prevent basket from falling off.</p> <p>This accessory includes a GO pushbutton switch and allows an empty basket to be removed from conveyor, or a full basket to be transported to the next conveyor.</p>
<p>Connection Pack (Non-Motorized Loading) - Reliance 444, Genfore or Synergy (SCS-05)</p>	<p>Includes necessary mechanical and electrical hardware to connect one non-motorized loading conveyor to one Reliance 444, Genfore or Synergy Washer/Disinfector. Also includes bar code reader.</p>
<p>Connection Pack - Vision Multi-Chamber (SCS-06)</p>	<p>Includes necessary mechanical and electrical hardware to connect one loading conveyor (motorized or non-motorized) and one unloading conveyor (motorized or non-motorized) to one Reliance/Hamo Vision Multi-Chamber Washer/Disinfector.</p>
<p>Seismic Anchorage Pack (SCS-07)</p>	<p>Hardware to anchor one set of legs to meet seismic requirements for installation in regions prone to earthquakes. Refer to <i>Seismic Anchorage Report</i> (920-507-203) for details.</p>
<p>Electrical Power Supply (SCS-08)</p>	<p>Electrical power supply required to produce 24 Vdc for up to four motorized conveyors and/or non-motorized conveyors with feed-out. Installation kit contains one electrical power supply box, two supports, 125 ft (38 m) of electrical cable and four connectors (for 24 Vdc). Cable is to be cut to length and used exclusively to connect electrical power supply to the conveyor(s).</p>
<p>Pressure-Release Pushbutton (SCS-09)</p>	<p>Includes one pressure-release pushbutton and pneumatic hoses to be installed on one SCS-FO or one SCS-2W-FO conveyor interfaced with either a Reliance 444 or Reliance 450 Unit.</p>
<p>Drain Flexible Hose Connection Pack (SCS-10)</p>	<p>Includes one flexible hose (3/4" dia) and necessary hardware for drain connection of up to four conveyors.</p>
<p>Connection Pack (Non-Motorized Loading and Non-Motorized Unloading) to One Reliance 444, Genfore or Synergy (SCS-11)</p>	<p>Includes necessary mechanical and electrical hardware to connect one non-motorized loading conveyor and one non-motorized unloading conveyor to one Reliance 444, Genfore or Synergy Washer/Disinfector. Also includes bar code reader.</p>

Table 6. Conveyor Accessories (Cont'd)

Accessory	Description
Connection Pack (Motorized Loading) – Reliance/Hamo Vision Single-Chamber (SCS-12)	Includes necessary mechanical and electrical hardware to connect one motorized loading conveyor to one Reliance/Hamo Vision Single-Chamber Washer/Disinfector. Also includes bar code reader.
Connection Pack (Non-Motorized Loading) – Reliance/Hamo Vision Single-Chamber (SCS-13)	Includes necessary mechanical and electrical hardware to connect one non-motorized loading conveyor to one Reliance/Hamo Vision Single-Chamber Washer/Disinfector. Also includes bar code reader.
Connection Pack (Non-Motorized Loading and Non-Motorized Unloading) to One Reliance/Hamo Vision Single-Chamber (SCS-14)	Includes necessary mechanical and electrical hardware to connect one non-motorized loading conveyor and one non-motorized unloading conveyor to one Reliance/Hamo Vision Single-Chamber Washer/Disinfector. Also includes bar code reader.
Recess Installation Pack for Motorized Return Door (SCS-15)	Includes necessary mechanical hardware for a motorized return door installed along a Vision Single-Chamber washer/disinfector which is installed flush with the cleaned side wall.

EQUIPMENT DRAWINGS

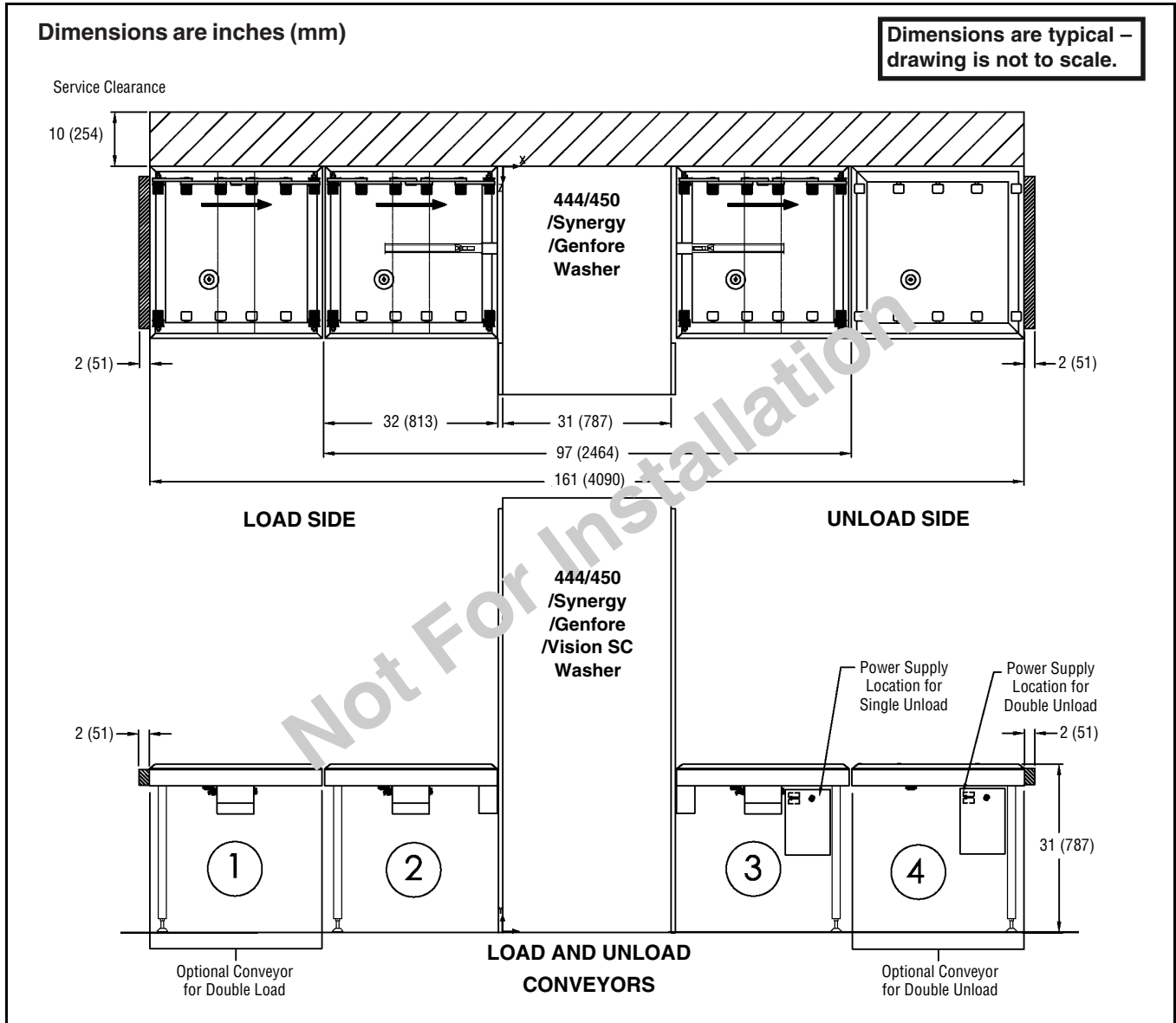
**Equipment Drawing
Part Number**

Equipment Drawing Title

920-506-414

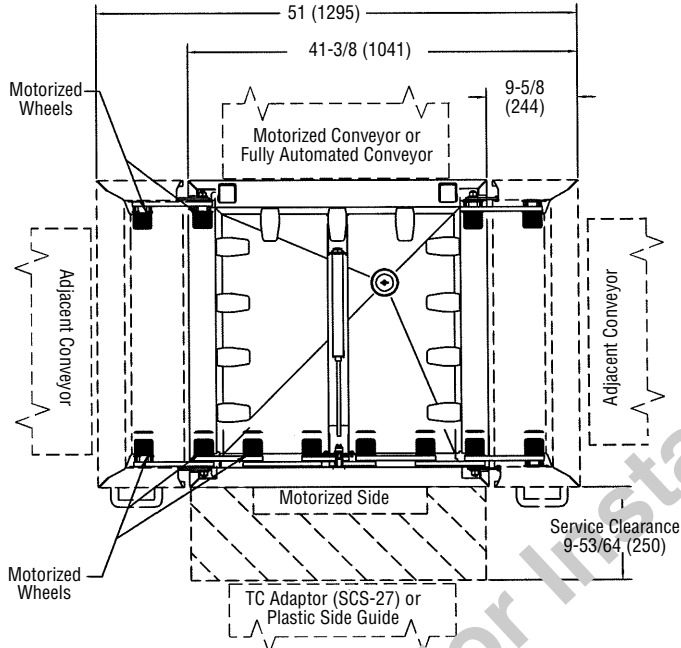
SCS Conveyor System

NOTE: Equipment Drawing 920-506-414 is required for installation details and specifications. **The following pages are for reference only.**

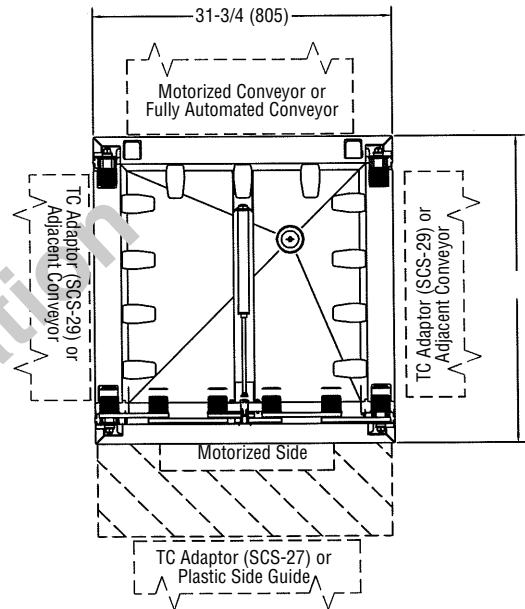


Dimensions are inches (mm)

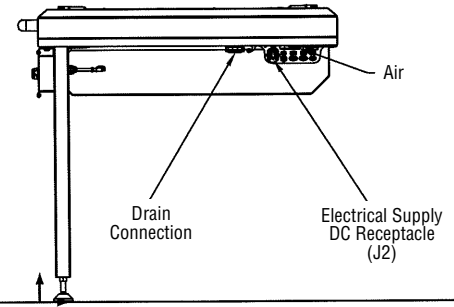
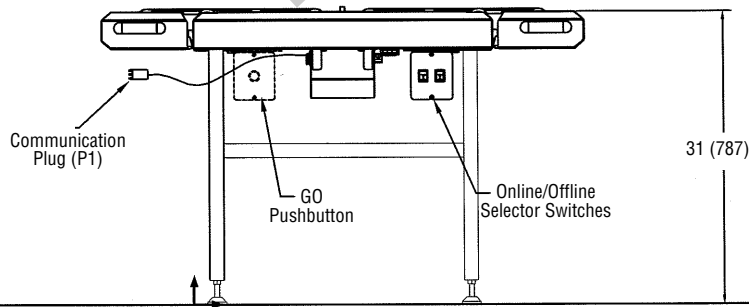
Dimensions are typical –
drawing is not to scale.



FULLY AUTOMATED CONVEYOR WITH LIFT GATE
(SCS-FA-L-UB, SCS-FA-L-DB, SCS-FA-L-2B, SCS-FA-R-UB,
SCS-FA-R-DB, SCS-FA-R-2B)

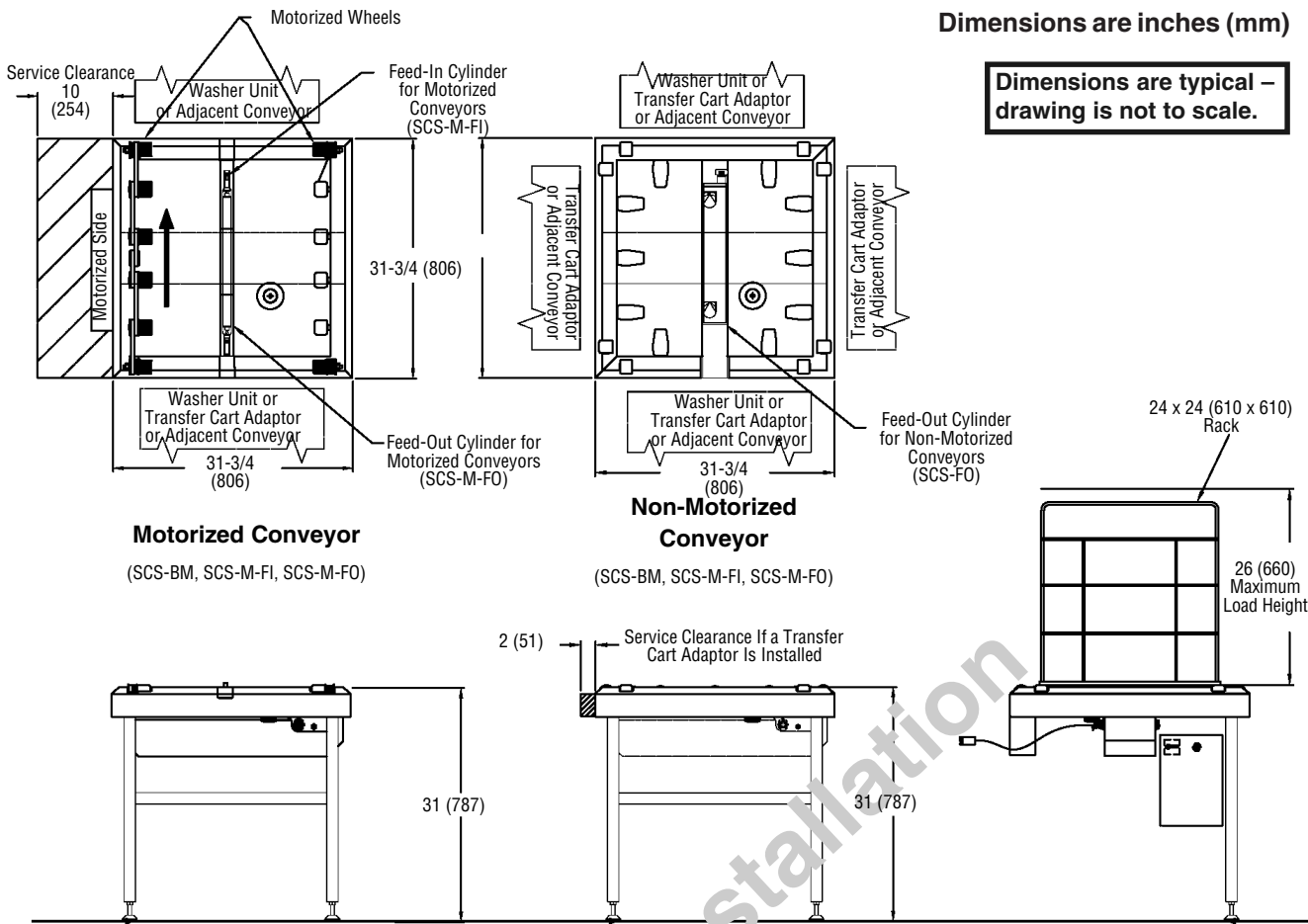


FULLY AUTOMATED CONVEYOR
(SCS-FA-L, SCS-FA-R)



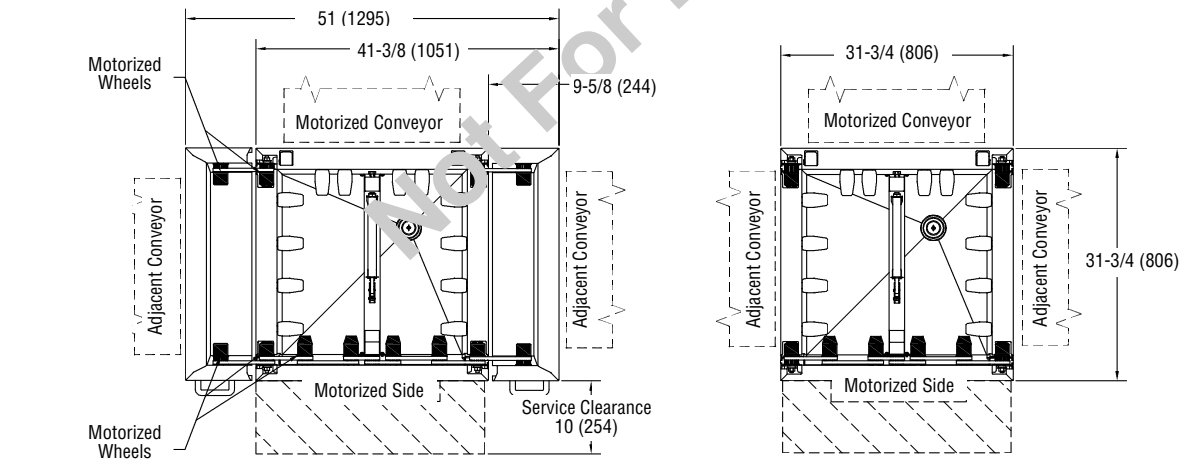
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Dimensions are typical – drawing is not to scale.



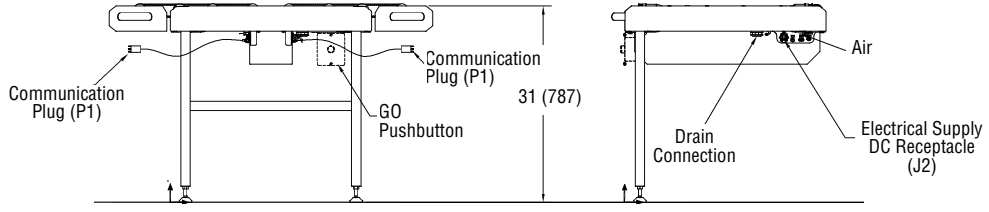
Motorized Conveyor
(SCS-BM, SCS-M-FI, SCS-M-FO)

Non-Motorized Conveyor
(SCS-BM, SCS-M-FI, SCS-M-FO)



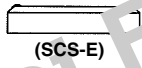
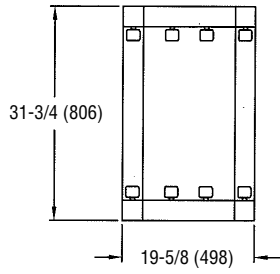
FULLY AUTOMATED UNLOAD CONVEYOR WITH LIFT GATE
(SCS-FAU-L-ULG, SCS-FAU-L-DLG, SCS-FAU-L-2LG, SCS-FAU-R-ULG, SCS-FAU-R-DLG, SCS-FAU-R-2LG)

FULLY AUTOMATED UNLOAD CONVEYOR
(SCS-FAU-L, SCS-FAU-R)



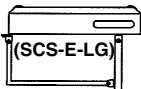
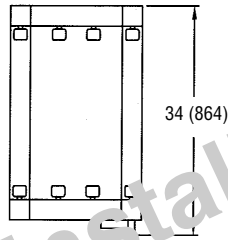
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Dimensions are typical –
drawing is not to scale.

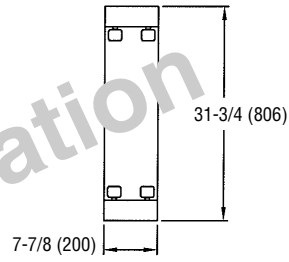


(SCS-E)

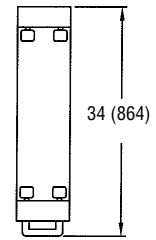
Extension
Conveyors



(SCS-E-LG)



(SCS-SE)



(SCS-SE-LG)

Short Extension
Conveyors

Not For Installation

For Further Information, contact:

STERIS®



STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 • USA
440-354-2600 • 800-548-4873
www.steris.com