

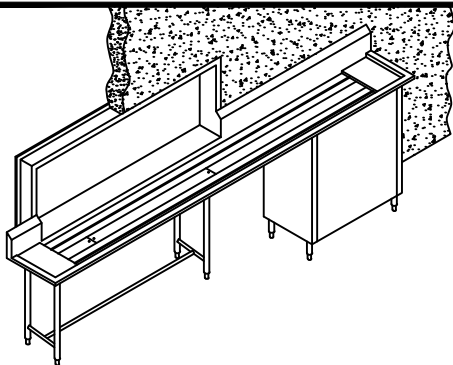


CADDY CORPORATION

Food Service Equipment

Air Systems

Soiled Tray
Conveyor
Systems

**SOILED TRAY CONVEYOR
21-C SERIES****FEATURES**

- Cleanliness
- No drip pans
- No chains
- No beltwasher
- No detergent pumps
- No concealed belt returns
- No hard to reach areas

SPECIFICATIONS:

Series 21-C Soiled tray conveyor to be as manufactured by Caddy Corporation. Patent #5,052,548, U.L. and N.S.F. listed with labels affixed. (5 year limited warrant, i.e. standard 90-day electrical; 1-year parts and service; 4 year prorated parts.)

Unit shall be as detailed on the plan and to accommodate 14" x 18" or 15" x 20" flat bottom trays. Other size trays can be accommodated upon request. (Specify dimensions of trays to be used.)

Conveyor belt to consist of dual 1/2" diameter Dura-San belting with 1,000 lbs. ultimate tensile strength.. Belting itself is USDA accepted, highly resistant to abrasion, dirt, oil and most chemicals, maintains tension without springs, sprockets or links, continuous without ends or mechanical connection devices. Bands have special textured surface to reduce friction.

Conveyor to be table top type without concealed return belts, drain pans or a beltwasher under the conveyor. Penetrations in the conveyor bed are not allowed. All the bearings to be stainless steel heavy duty ball type, with sealed lubrication.

Conveyor bed to be 14 gauge stainless steel bed with longitudinal intersections rounded on 3/4" radius. Joints to be of welded construction, ground and polished to a uniform #4 finish. Stainless steel channel cross braces on approximately 5'-0" centers to be provided supporting the bed.

Curved section(s) to have positive hold-down tracks made of nonmetallic material at least 3/4" thick with built-in solid lubricant for continuous lubrication of bands. Materials that transmit heat due to high friction and resistance are not acceptable. Band capable of movement through a turn of 22" radius to the center of the conveyor. (Other Radii available upon request.)

Intermediate supports of the conveyor to consist of 1 5/8" O.D. stainless steel "H" frame legs with 1" O.D. stainless steel cross bracing completely welded, finished and provided with adjustable stainless steel bullet shaped feet. (Flanged feet also available).

Conveyor to be provided with a removable access panel at tail end providing access to bearings and adjustment. Drive housing to consist of 18 gauge stainless steel enclosure on two sides with removable 18 gauge panels. Frame of drive housing to be 2" x 2" angles stainless steel superstructure and to set on 6 1/2" high adjustable stainless steel feet.

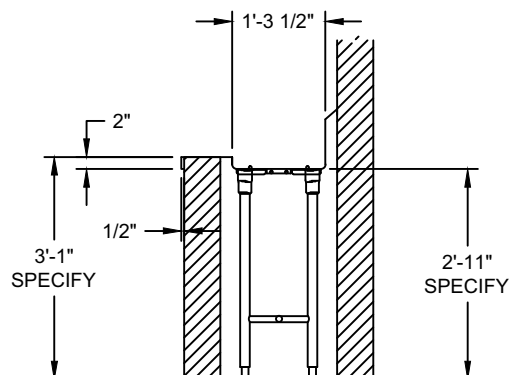
Drive assembly to be at discharge end. D.C. controller to be solid state SCR type with built-in electronic torque control and infinite variable speed from zero to 40 feet per minute. Conveyor belt to be driven by reduction gearhead washdown type D.C. motor B.I.S.S.C. certified for the food industry, free of bacteria trapping surfaces. D.C. motor to eliminate high torque in case of jamming condition of the conveyor. Motor to be controlled manually by an on/off switch and automatically through a limit switch as required by application. All wired to the watertight controller with overload protection, in NEMA 4 type enclosure.

Optional Features:

See Accessories Sheet for complete listings

Conveyor Bed Configuration:

See Section View Sheet for complete Details

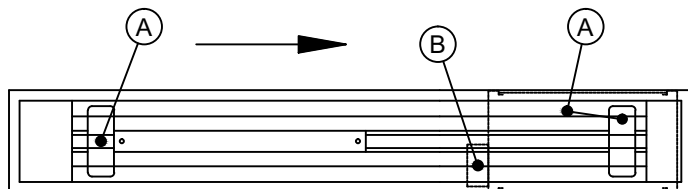
**Typical Section View at Tray-Drop**



SOILED TRAY CONVEYOR 21-C SERIES



TYPICAL ROUGHING, PLUMBING AND ELECTRICAL DATA



ROUGH-IN SCHEDULE


NOTE: ALL ROUGH-INS TO BE 4" AFF


SYM	DESCRIPTION
A	1 1/2" I.P.S. WASTE
B	120v., 60hz., 1ph. 15amps or 208v., 60hz., 1ph. 15amps (see motor size below)


NOTE: All roughings from floor should be stubbed up 4" A.F.F. (All roughings extending from wall should be 10" A.F.F.)

Conveyors with any type of turns require additional drain(s) as determined by application.

Motor sizes for soiled tray conveyors:

 1/2 HP up to 30 ft.
3/4 HP up to 45 ft.
STRAIGHT

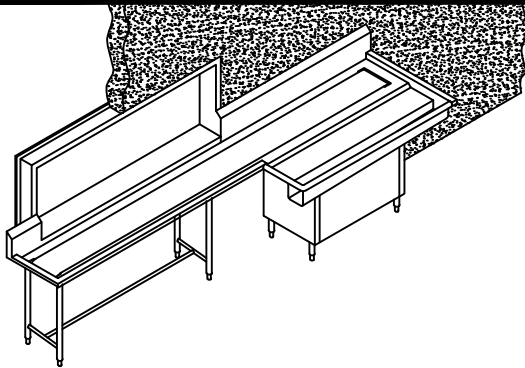
 1/2 HP up to 20ft.
3/4 HP 21 to 35 ft.
**L-SHAPED
ONE 90°
TURN**


2 TURNS
Conveyors containing more than one turn may require two or more drive locations. Please contact factory for H.P. ratings.

Consult factory if:

- Conveyor has more than two turns.
- Conveyor includes sloped section to operate on more than one horizontal plane.
- Conveyor exceeds above dimensions. Location of turns in relation to drives may allow additional length per drive.

CADDY CORPORATION
509 Sharptown Road P.O. Box 345
Bridgeport, NJ 08014-0345
Tel: 856-467-4222 Fax: 856-467-5511
internet: www.caddycorp.com

**SOILED TRAY CONVEYOR
CF-10 SERIES****FEATURES**

- Multi-directional straight or curved level, incline or decline
- Transports various objects an sizes

SPECIFICATIONS:

Series CF-10 Soiled tray conveyor to be as manufactured by Caddy Corporation. U.L. and N.S.F. listed with labels affixed. Unit shall be as detailed on the plan and to accommodate up to 16" wide trays. Other size trays can be accommodated upon request. (Specify dimensions of item to be used.)

Conveyor belt to consist of a stainless steel chain having approximately 3/4" pitch with 10" side snap-on type slats. Slats to have tapered edges on all sides and molded of low friction polycarbonate compound and replaceable without the use of special tools and disassembling of belt chain. The assembled belt to allow multi-directional installation. Slats not to overlap in any position to provide effective access of cleaning agents to all parts of the assembled belt and conveyor bed.

Conveyor bed to be 14 gauge stainless steel bed with longitudinal intersections rounded on 3/4" radius. Joints to be of welded construction, ground and polished to a uniform #4 finish. Stainless steel channel cross braces on approximately 5'-0" centers to be provided supporting the bed and to the monorail belt return tracking system. Conveyor belt to ride in a recessed track allowing continuous drainage of conveyor bed.

Curved section(s) to have positive hold-down tracks made of nonmetallic material at least 1/2" thick with built-in solid lubricant for continuous lubrication of belts. Materials that transmit heat due to high friction and resistance are not acceptable. Belt capable of movement through a turn of 22" radius to the center of the conveyor. (Other radii available upon request.)

Intermediate supports of the conveyor to consist of 1 5/8" O.D. stainless steel "H" frame legs with 1" O.D. stainless steel cross bracing completely welded, finished and provided with adjustable stainless steel bullet shaped feet. (Flanged feet also available).

Drive housing to consist of 18 gauge stainless steel enclosure on two sides with removable rear panel and opposite hinged access door with full height pull.

Frame of drive housing to be 2" x 2" angles stainless steel superstructure and to set on 6 1/2" high adjustable stainless steel feet.

Drive assembly to be at discharge end. D.C. controller to be solid state SCR type with built-in electronic torque control and infinite variable speed from zero to 40 feet per minute. Maximum chain pull not to exceed 250 lbs. at any point on conveyor. Conveyor chain to be driven by reduction gearhead wash down type D.C. motor to eliminate high torque in case of jamming condition of the conveyor. Motor can also be held in locked rotor position without damage to conveyor. Motor to be controlled manually by an on/off switch and automatically through a limit switch as required by application. All wired to the watertight SCR solid state D.C. controller with overload protection, in NEMA 4 type enclosure.

BWF belt washer to consist of welded 16 gauge stainless steel. Belt washer to have top and bottom fan shaped sprays arranged so lukewarm water thoroughly washes all belt surfaces after which belt is wiped continuously. Belt washer to have hinged drop-down, splash proof stainless steel access door. Washer to be fitted with interconnected water pressure reducing valve, water pressure gauge, shutoff valve and thermostatically controlled mixing valve with check valves. Bottom of belt washer to have 1 1/2" drain with tailpiece and two removable stainless steel perforated scrap baskets. Belt washer piping to be complete with approved type vacuum breaker and check valve. All piping exposed to view to be chrome plated.

Skirting to consist of 18 gauge stainless steel pan type panels with welded corners.

Conveyor to be furnished with an 18 gauge stainless steel catch pan under full length of conveyor. Catch pan to be pitched towards belt washer.

(Continue specifications for conveyor in excess of 20'-0" long)

 Intermediate Drain

Catch pan(s) also to be pitched to intermediate swill sink(s) measuring approximately 10" x 16" x 4" deep of stainless steel construction with perforated removable stainless steel scrap basket and 1 1/2" drain with tailpiece.

CF-10 Conveyor Optional Features: **Fixed Speed Requirement**

Variable speed control to have locking cover for non-tampering when fixed speed is desired.





SOILED TRAY CONVEYOR CF-10 SERIES



Optional Accessories Continue:

Intermediate Drive

Drive assembly(s) to be installed at intermediate location(s) without break in conveyor belt and belt bed.

Automatic Water Saver Control for Fresh Water Belt Washer

Operation of belt washer to be controlled by solenoid valve integrally wired to On/Off switch of conveyor to provide automatic operation of belt washer while conveyor is running. A separate On/Off switch to be provided to permit operation of conveyor without belt washer.

Belt Washer with Recirculating Water

BWR belt washer to consist of welded 16 gauge stainless steel. Belt washer to have top and bottom fan shaped sprays arranged so lukewarm water thoroughly washes all belt surfaces after which belt is wiped continuously. Belt washer to have hinged drop-down, splash proof stainless steel access door. Washer to be fitted with interconnected water pressure reducing valve, water pressure gauge, shutoff valve and thermostatically controlled mixing valve

with check valves. Bottom of belt washer to have 1 1/2" drain with tailpiece and two removable stainless steel perforated scrap baskets, and removable constant overflow standpipe to maintain water level. A pump to be provided to recirculate water from reservoir through spray nozzles. Recirculating system to include a removable filter to facilitate cleaning. Operation of belt washer to be controlled by solenoid valve integrally wired to On/Off switch of conveyor to provide automatic operation of belt washer while conveyor is running. A separate On/Off switch to be provided to permit operation of conveyor without belt washer.

Timed Belt Washing Cycle (for clean-up operations)

Belt washer to be controlled by automatic timer activated by a push button switch inside belt washer housing in such manner that conveyor and belt washer will operate without interruption for an adjustable cycle of up to 16 minutes. After completion of wash cycle conveyor is ready for next start-up.

Detergent Injector (for maximum sanitation)

A pump type detergent injector working in conjunction with the belt washer water supply to be furnished.

Housings for Drive and Belt Washer

Specifying an intermediate drive (or drives) in your conveyor design provides unlimited options to meet architectural, operational, safety, and efficiency criteria.

U.L. listing of your custom conveyor up to 500 feet long (and more) with one single belt, unbroken by troublesome transfer points, is standard when specified.

The ability to locate the belt washer separately from the drive, if necessary, to accommodate access and sanitary consideration, is an important option.

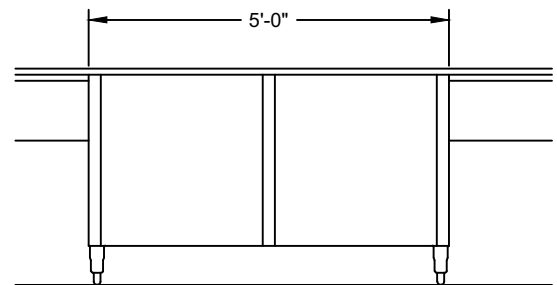
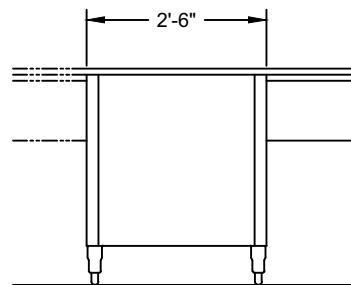
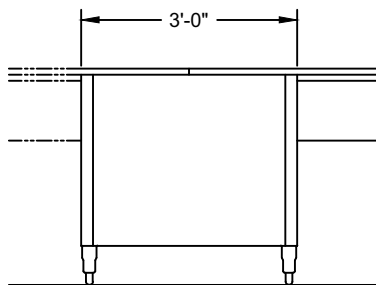
End Drive With Belt Washer

End Drive Without Belt Washer

Intermediate Drive With Belt Washer

Intermediate Drive Without Belt Washer

Intermediate Belt Washer



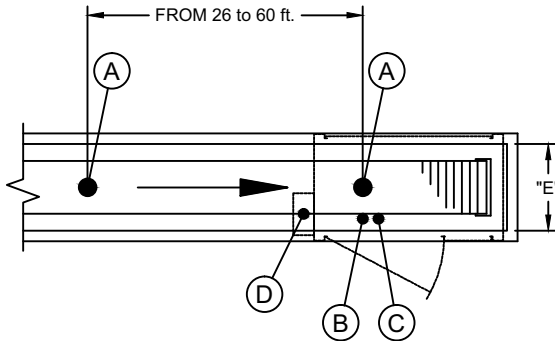


SOILED TRAY CONVEYOR CF-10 SERIES



Optional Accessories Continue:

TYPICAL ROUGHING, PLUMBING AND ELECTRICAL DATA



ROUGH-IN SCHEDULE

NOTE: ALL ROUGH-INS TO BE 4" AFF

SYM	DESCRIPTION
A	1 1/2" I.P.S. WASTE
B	1/2" I.P.S. HOT WATER
C	1/2" I.P.S. COLD WATER
D	ELECTRICAL CONNECTION

NOTE: All roughings from floor should be stubbed up 4" A.F.F. (All roughings extending from wall should be 10" A.F.F.)

BED WIDTH	
OBJECT TRANSPORTED	"E"
14" X 18" AND 15" X 20"	16 1/2"
16" X 22" AND 16 1/2" X 22"	18"
20" X 20"	22"

Conveyors over 20 ft. long require additional drain(s) as determined by application.

ELECTRICAL CHARACTERISTICS

Motors available for 120/60 Hz. single phase up to and including 3/4 hp. Motors 1/2 hp. and 3/4 hp. are also available for 208/220/60 Hz. single phase.

Motor sizes for soiled tray conveyors:

STRAIGHT
1/4 HP up to 25 ft.
1/2 HP 26 to 50 ft.
3/4 HP 51 to 75 ft.

U-SHAPED
1/2 HP up to 25 ft.
3/4 HP 26 to 40 ft.

L-SHAPED ONE 90° TURN
1/4 HP up to 20 ft.
1/2 HP up to 39 ft.
3/4 HP up to 56 ft.

2 TURNS
1/2 HP up to 25 ft.
3/4 HP 26 to 40 ft.

Consult factory if:

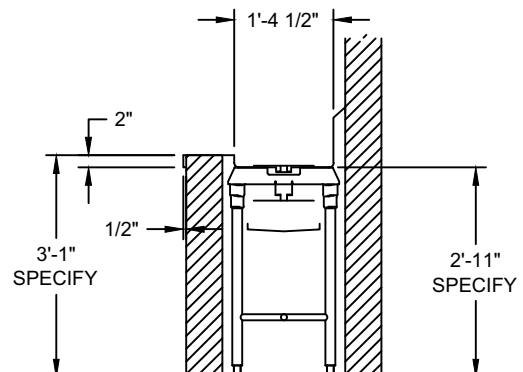
- Conveyor has more than two turns.
- Conveyor includes sloped section to operate on more than one horizontal plane.
- Conveyor exceeds above dimensions. Location of turns in relation to drives may allow additional length per drive.
- If tote boxes or dish racks are conveyed.

Optional Features:

See Accessories Sheet for complete listings

Conveyor Bed Configuration:

See Section View Sheet for complete Details



Typical Section View at Tray-Drop



SOILED TRAY CONVEYOR Conveyor Bed Configuration



Conveyor Bed Configuration:

 Type A

Tray drop sill with 10" high splash adjacent to walls.


 Type B

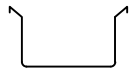
Free standing section(s) with channel rim curbing(s) on both sides.


 Type C

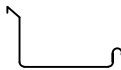
10" high splash adjacent to wall(s) and channel rim front curbing.


 Type D

10" high splash between two walls


 Type E

10" high splash adjacent to wall(s) and rolled rim front curbing

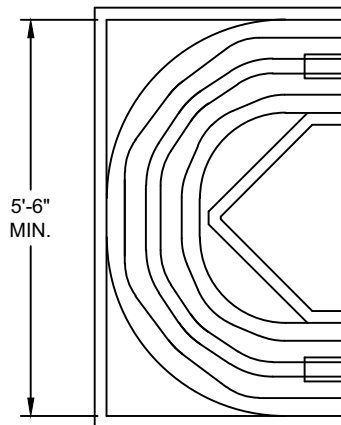

 Type F

Discharge from bed directly onto dish table

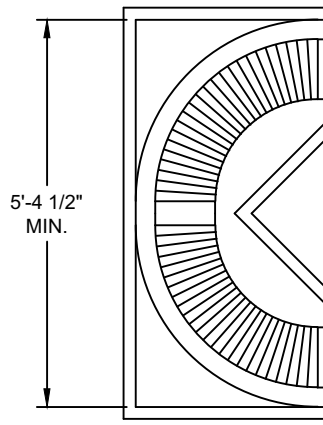


Minimum Bed Configuration:

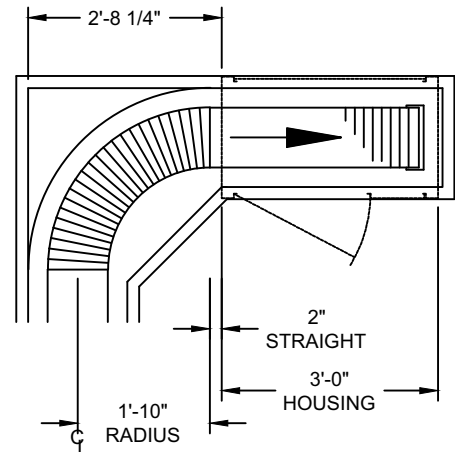
21-C Double Turn



CF-10 Double Turn



CF-10 Turn and Housing





SOILED TRAY CONVEYOR ACCESSORIES

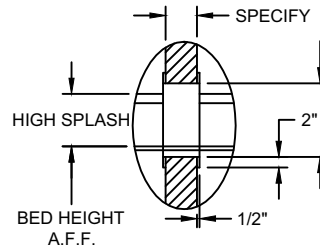


Optional Accessories:

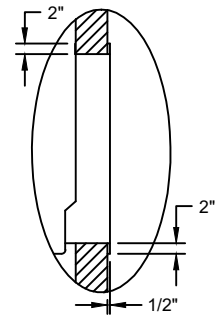
 D-D Pass Windows

Window buck to be constructed of 14 gauge stainless steel flanged out 1/2" x 2" on both sides of the wall, forming continuous frame. Corners to be completely closed, welded and polished to a uniform finish.

(When door is required for security or for other reason, continue specifications)



TYPICAL SECTION OF
CONVEYOR GOING
THROUGH WINDOW
BUCK

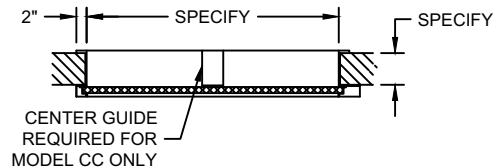


TYPICAL SECTION OF
TRAY-DROP WINDOW
BUCK AND SILL MODEL DD
WITHOUT SLIDE-UP DOOR

 Slide-Up Door

Slide-Up door to be of double wall 18 gauge stainless steel and sound deadened. Size as detailed on plan. Door guides of 16 gauge stainless steel and of sufficient height so door will completely clear the buck opening when in the raised position. Door guides of one-piece construction with guide slots for sliding door. Top of guides to be furnished with concealed, self-lubricating noiseless pulley assemblies. Door to be suspended from 1/8" thick aircraft cables with suitable counterweights, designed for noiseless operation. Tops of door guides to be fully enclosed. Space between door guides above window opening to be provided with 20 gauge stainless steel panel mounted flush with front of guides to conceal door when in open position. Door to be provided with handle and latch or key.

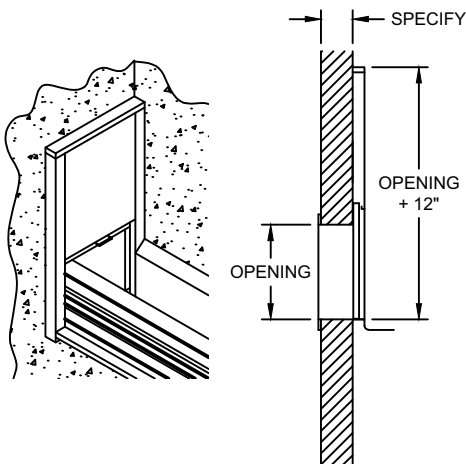
(Continue specifications by selecting door style)



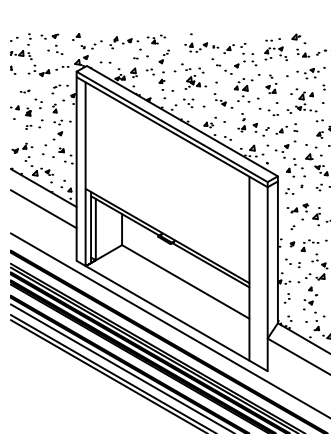
TYPICAL PLAN VIEW OF
TRAY-DROP WITH SLIDE-UP
DOOR MODEL BB AND CC

 Model A-A

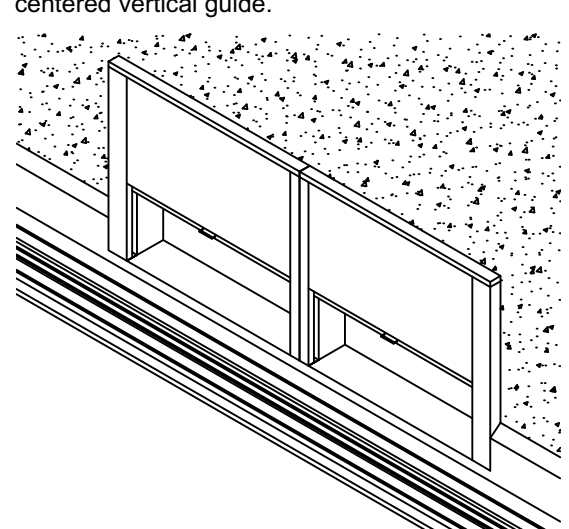
Direct entry type. Single door


 Model B-B

Side entry type. Single door


 Model C-C

Side entry type. Double door with 4" wide centered vertical guide.


 Fire Door

Door to be 1 1/2 hour. Class "B" with U.L. label



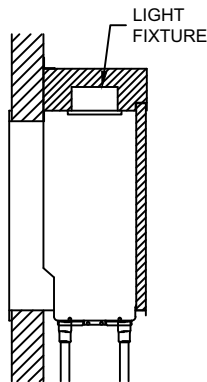
SOILED TRAY CONVEYOR ACCESSORIES



Optional Accessories Continue:

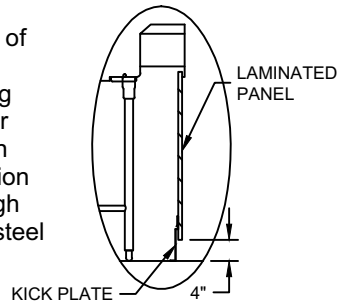
Sight and Sound Baffle

Baffle to extend 2" above top of window opening with full enclosure at both ends, top and rear. End enclosure next to dish room to end 12" above the conveyor bed. The entire sight and sound baffle to be of double wall 18 gauge stainless steel construction with sound deadening filler throughout. Rear of sight and sound baffle to be fitted with double wall removable access panel. The top to have a light fixture.



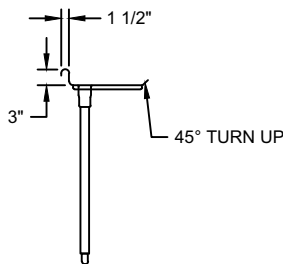
Full Height Skirting

Skirting at tray drop to consist of removable 3/4" thick plywood panels with waterproof backing and plastic lamination (color or pattern to be selected later) on front and all edges. This section of conveyor to be set on 6" high recessed 14 gauge stainless steel toe base.



Soiled Dishtable

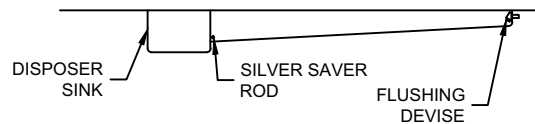
Table to be provided. Table and conveyor bed to be coordinated as one entire homogeneous unit to reduce field welding. Dishtable to be constructed of 14 gauge stainless steel with all exposed edges finished in a 3" high curbing with 1 1/2" diameter 180 degree rolled rim with corners bullnosed. All corners to be rounded horizontally and vertically forming a cove at intersection. Joints to be continuously welded, ground and polished to a #4 finish to appear as one continuous surface free of buckles and weld marks. Next to conveyor bed, the table surface is to be sloped up at a 45 degree angle. Top to be cross braced with 14 gauge stainless steel channel stiffeners welded to the underside. Cross stiffeners to be at leg assembly stations on approximately 5'-0" centers. Legs to be constructed as specified for the conveyor with cross bracing as required to provide a rigid assembly.



Scrapping Trough

Trough to be made of the same material as adjoining dishtable and constructed integrally with the same. Trough bottom to be pitched to a disposal unit and to have corners coved to a 3/4" radius. Where the trough intersects disposer sink, it is to be continuously welded. Weld to be ground smooth and polished to a uniform finish. Trough bottom to be provided with water flushing devices to simplify flushing of entire trough bottom. The disposer sink station to be as

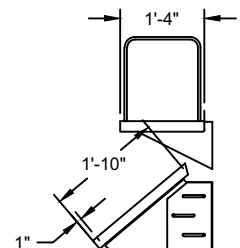
dimensioned on drawing. Sink made of 14 gauge stainless steel with all corners coved. Seam between sink and top to be continuously welded. Where trough meets disposer sink station it is to be fitted with a silver saver barrier consisting of a stainless steel horizontal rod properly spaced to prevent silverware from entering the disposer. (Disposer adapter ring furnished by manufacture of the disposer.) Seam between disposer and adapter ring and sink bottom to be continuously welded, ground smooth and polished.



Double Overhead Racking and Storage Shelves

Sloped lower racking shelf to be constructed of 14 gauge stainless steel with shelf surface measuring 22" in width and sloped up toward rear at a 40 degree angle. Shelf to have 2" high curbing at front. The rim of front curbing to have 1" wide channel facing rear to provided space inside for liquid accumulation. Rear and ends of shelf to have 2" high vertical risers. Lower edge of shelf to have drain holes. Shelf to be attached to 12 gauge stainless steel cantilever brackets. Brackets to consist of a triangular shaped plate and a stainless steel angle welded to the underside of shelf. Plates and angles to have rows of conforming slots to permit front to back adjustment of shelf. Each bracket to be provided with two stainless steel truss head bolts and stainless steel nuts.

A 16" wide adjustable, flat upper shelf is also to be provided for storage of empty dishwasher racks. Shelf to have turned down channel edge at front and 2" high riser at rear. Both ends to be fitted with 16" high "U" shaped rack supports made of 3/8" diameter stainless steel rod.





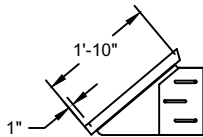
SOILED TRAY CONVEYOR ACCESSORIES



Optional Accessories Continue:

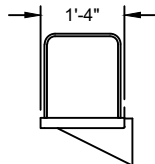
Single Overhead Racking Shelf

Sloped racking shelf to be constructed of 14 gauge stainless steel with shelf surface measuring 22" in width and sloped up toward rear at a 40 degree angle. Shelf to have 2" high curbing at front. The rim of front curbing to have 1" wide channel facing rear to provide space inside for liquid accumulation. Rear and ends of shelf to have 2" high vertical risers. Lower edge of shelf to have drain holes. Shelf to be attached to 12 gauge stainless steel cantilever brackets. Brackets to consist of a triangular shaped plate and a stainless steel angle welded to the underside of shelf. Plates and angles to have rows of conforming slots to permit front to back adjustment of shelf. Each bracket to be provided with two stainless steel truss head bolts and stainless steel cap nuts.



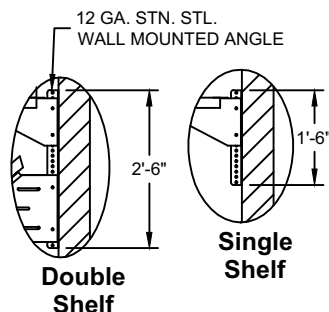
Single Overhead Storage Shelf

Flat storage shelf to be constructed of 14 gauge stainless steel with shelf surface measuring 16" wide. Shelf to have turned down channel edge at front and 2" high riser at rear. Both ends to be fitted with 16" high "U" shaped rack supports made of 3/8" diameter stainless steel rod. Shelf to be attached to 12 gauge stainless steel cantilever brackets. Brackets to be welded to the underside of shelf. Plates and angles to have rows of conforming slots to permit front to back adjustment of shelf. Each bracket to be provided with two stainless steel truss head bolts and stainless steel nuts.



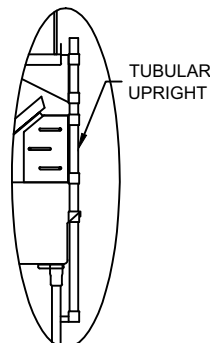
Wall Mounted Shelf(s)

Shelf to be supported by 1 1/2" x 1 1/2" x 1/8" thick stainless steel angles. Angles to measure 18" long for single shelf and 30" long for double shelves. One leg of each angle which protrudes from wall and to which shelf bracket is attached to be provided with a row of bolt holes over full length of the angle and spaced 1" apart to facilitate vertical adjustment of shelf. Bracket to be fastened to angles with stainless steel bolts and nuts.



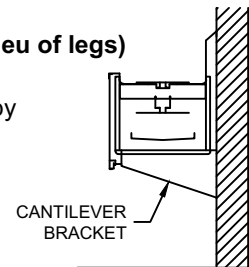
Tubular Mounted Shelf(s)

Shelf to be supported by 1 5/8" O.D. stainless steel tubular uprights which are integrally attached to the leg assembly. Uprights to be fitted with stainless steel sleeves to which shelf brackets are welded. Sleeves to have set screws to facilitate vertical adjustment of shelf.



Cantilever Wall Supports (in lieu of legs)

Brackets to be 12 gauge polished stainless steel spaced as required by application. (6'-0" maximum)



Time Delay Limit Switch

Electronic, receiver-transmitter photo electric cell type switch assembly installed and located on the conveyor bed to operate as a monitor for trays passing on the conveyor belts at a predetermined location. Conveyor belts stop when a tray sits for a predetermined amount of time in front of the eye, and restart when the tray is removed. Switch to be activated by tray passing through eye's beam. Control to be integrally wired into main circuitry of conveyor drive mechanism eliminating additional wiring work on the part of the electrical contractor making final connection to the conveyor system.

End Limit Switch

Electronic, receiver-transmitter photo electric cell type switch assembly installed and located on the conveyor bed to operate as a monitor for trays passing on the conveyor belts at a predetermined location. Conveyor belts stop when a tray breaks the light beam, and restart when the tray is removed. Switch to be activated by tray passing through eye's beam. Control to be integrally wired into main circuitry of conveyor drive mechanism eliminating additional wiring work on the part of the electrical contractor making final connection to the conveyor system.

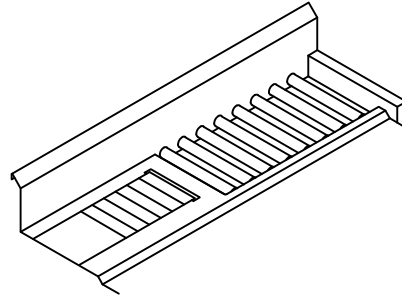
Accumulation Feature

Trays to electronically transfer from traydrop conveyor to accumulation conveyor and accumulate the entire length of the accumulation conveyor. At this point a remote audio-visual indicator will advise that the system is full and ready for scrapping.

**SOILED TRAY CONVEYOR
ACCESSORIES****Optional Accessories Continue:** **Idler Roller Accumulator**

Roller pan to be the same width as the adjacent conveyor bed. Bed of idler roller section to be depressed 2" with the bottom pitched to a 1 1/2" drain. Rollers to be spaced on approximately 4" centers.

(Continue specifications by selecting stationary or drop-in model)

 **Stationary Rollers**

Rollers to be mounted directly into vertical surfaces of roller pan through .328" diameter holes.

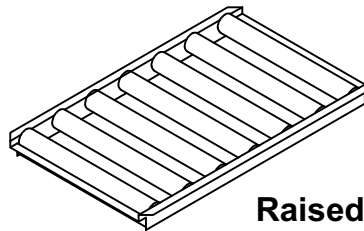
(Continue specifications by selecting stainless steel or plastic rollers)

 R-35-S - Stainless Steel Rollers

1.9" O.D. roller consists of non-corrosive N.S.F. style bearings, stainless steel tube, nylon stub shafts, and stainless steel screws. Rollers to be removable only with use of tools.

 R-40-P - Plastic Rollers

1.9" O.D. roller consists of non-corrosive N.S.F. style bearings, P.V.C. tube, nylon stub shafts, and stainless steel screws. Rollers to be removable only with use of tools.

**Raised Roller
Section** **Drop-In Roller Sections**

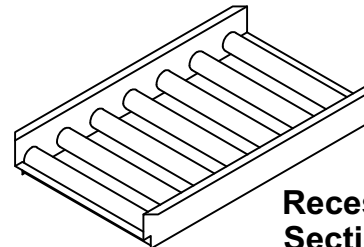
Drop-in roller section to consist of removable section approximate 30" long. Rollers to be set in an angle frame of 12 gauge stainless steel through .328" diameter holes.

(Continue specifications by selecting raised rollers or recessed rollers)

 Raised Roller Sections

Top of roller to be $\frac{1}{4}$ " above top of drop-in roller frame.

(Continue specifications by selecting stainless steel or plastic rollers)

**Recessed Roller
Section**

RA-28-S - stainless steel rollers (R-35-S) spaced on approximately 4" centers

RA-30-S - stainless steel rollers (R-35-S) spaced on approximately 6" centers

RA-29-P - plastic rollers (R-40-P) spaced on approximately 4" centers

RA-31-P - plastic rollers (R-40-P) spaced on approximately 6" centers

 Recessed Roller Sections

Top of roller to be $\frac{7}{8}$ " below top of drop-in roller frame.

(Continue specifications by selecting stainless steel or plastic rollers)

RA-32-S - stainless steel rollers (R-35-S) spaced on approximately 4" centers

RA-34-S - stainless steel rollers (R-35-S) spaced on approximately 6" centers

RA-33-P - plastic rollers (R-40-S) spaced on approximately 4" centers

RA-35-P - plastic rollers (R-40-P) spaced on approximately 6" centers

(Indicate in specification the overall length and width of each section required)



SOILED TRAY CONVEYOR ACCESSORIES

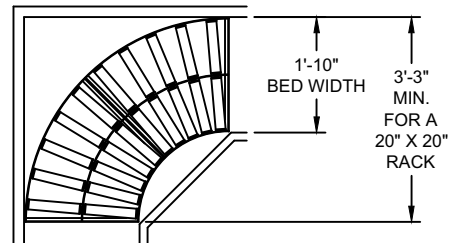


Optional Accessories Continue:

 Curved Roller Sections

Curved roller section to consist of removable radius section forming an angle of approximately 45°. Rollers to be set in a frame of 12 gauge stainless steel flat bar with 12 gauge stainless steel angle crossbars at both ends and 12 gauge stainless steel flat bar at intermediate location. Rollers to be set in frame through .328" diameter holes.

(Continue specifications by selecting stainless steel or plastic rollers)

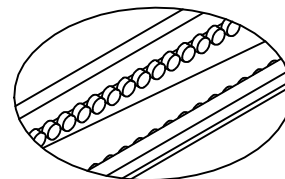

 RA-36-S - stainless steel rollers (R-35-S) spaced on approximately 4" centers

 RA-37-P - plastic rollers (R-40-P) spaced on approximately 4" centers

 Stationary Skatewheels (plastic only)

1.9" O.D. plastic skatewheel with stainless steel sleeves and ball bearings

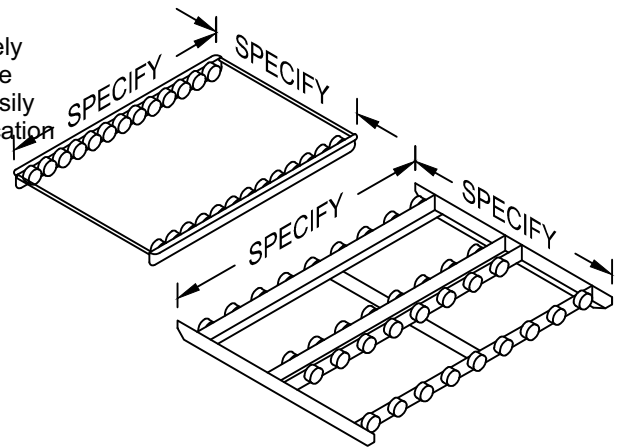
 S-50 Skatewheel
1.9" O.D. skatewheel

 S-51 Skatewheel with mounting stud
Skatewheel with stainless steel mounting stud and lock nut.

 Drop-In Skatewheel Sections

Skatewheel accumulator to consist of removable section approximately ___" long. Skatewheel to be set in an angle frame of 16 and 14 gauge stainless steel. All skatewheels to be approximately 1.9" O.D. and easily replaceable. Overall height of frame to be 2 5/16". (Include in specification overall length and width of sections).

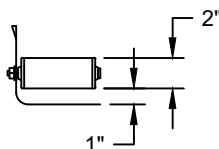
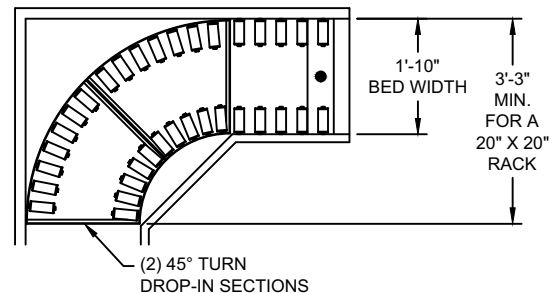
(Continue specifications by selecting raised rollers or recessed rollers)

 SA-45-P Section
Two rows of stainless ball bearing plastic skatewheels with stainless steel sleeves on approximately 2 1/4" centers.

 SA-48-P Section
Four rows of stainless ball bearing plastic skatewheels with stainless steel sleeves on approximately 4 1/2" centers.

 Mini Rollers

Mini rollers to be installed on both curbing of dishtable approximately 1" clear of the dishtable, all approximately on 4" centers. Rollers to be 1.9" O.D. x 5" long with solid 1/2" stainless steel shaft, reduced to 5/16" thread at mounting end. Roller complete with two 12 gauge stainless steel mounting support washers and stainless steel lock nut. Bearings at both ends of roller to be non-corrosive.

(Continue specifications by selecting stainless steel or plastic roller)

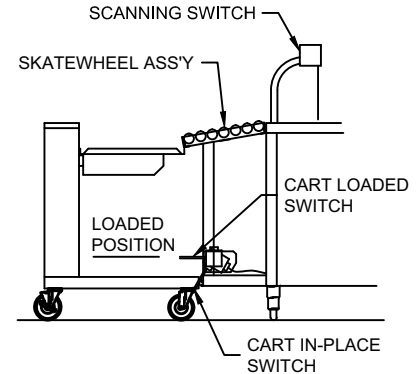
 MR-14-S with Stainless Steel Rollers
 MR-20-P with Noiseless Plastic Rollers


Punch 5/16" diameter hole. Set roller with #12 gauge stainless steel mounting washer on EACH side of dishtable curbing... and fasten with stainless steel lock nut.

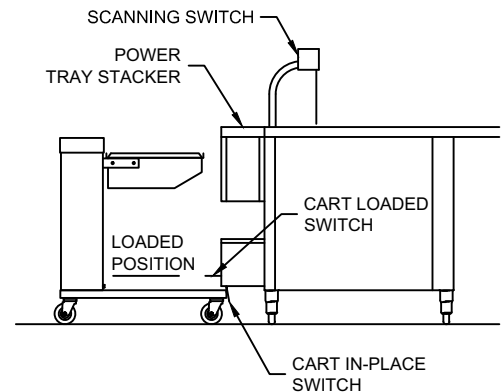
CADDY CORPORATION
509 Sharptown Road P.O. Box 345
Bridgeport, NJ 08014-0345
Tel: 856-467-4222 Fax: 856-467-5511
internet: www.caddycorp.com

**SOILED TRAY CONVEYOR
ACCESSORIES****Optional Accessories Continue:** **Gravity Tray Stacker**

Tray stacker to be installed at discharge end of conveyor. Tray stacker bed to be of 14 gauge stainless steel, type 304 seamlessly formed, welded, ground and polished to match the finish of the conveyor. Removable 14 gauge stainless steel inset angle frame to have two rows of skatewheels with stainless steel ball bearings mounted on 2" centers. Width of tray stacker to accommodate 14" to 15" wide trays. Discharge end of the conveyor to be fitted with suitable guide clips to secure a tray stacker cart in proper loading position. Tray stacker to include a scanning switch at the end of the belt to allow only empty trays to pass and two monitoring, independently operating limit switches. One switch to close circuit to conveyor power drive when a tray stacker cart is in the proper stacking position and open circuit when cart is removed. Second switch to stop conveyor when stacking cart has been loaded to maximum capacity. All switches to be interwired to the conveyor drive so that only one final electrical connection is required in the field.

 **Powered Tray Stacker**

Tray stacker to be 8" long and installed at discharge end of conveyor. Tray stacker bed to be of 14 gauge stainless steel, type 304 seamlessly formed, welded, ground and polished to match the finish of the conveyor. Stacker to have two plastic powered rollers geared to accelerate tray discharge. Rollers to be ball bearing type. Housing to have removable stainless steel access panel and clearance under rollers for easy cleaning and to be powered by a fractional horsepower motor with concealed drive. Motor to be interwired with drive motor of conveyor, with by-pass switch to allow deactivation of tray stacker. Tray stacker to accommodate 14" or 15" wide trays. Discharge end of the conveyor to be fitted with suitable guide clips to secure a tray stacker cart in proper loading position. Tray stacker to include a scanning switch at the end of the belt to allow only empty trays to pass and two monitoring, independently operating limit switches. One switch to close circuit to conveyor power drive when a tray stacker cart is in the proper stacking position and open circuit when cart is removed. Second switch to stop conveyor when stacking cart has been loaded to maximum capacity. All switches to be interwired to the conveyor drive so that only one final electrical connection is required in the field.



Tray Stacker Optional Features

 Automatic Stacking Limit Switches

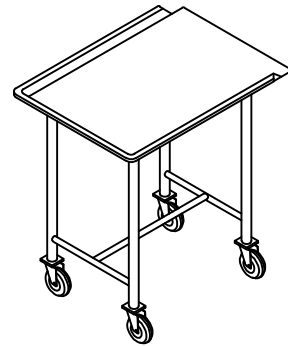
Tray stacker (power or gravity model) to be fitted with two monitoring, independently operating limit switches. One switch to close circuit to conveyor power drive when tray stacker truck is in proper stacking position and open circuit when truck is removed. Second switch to stop conveyor when Caddymagic stacking truck has been loaded to maximum capacity. Both switches to be interwired to conveyor drive so that only one final electrical connection is required in the field.

 By-Pass Limit Switch

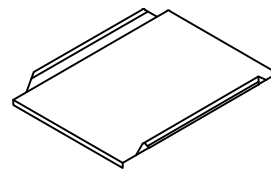
Switch to de-activate automatic stacking limit switches.

**SOILED TRAY CONVEYOR
ACCESSORIES****Optional Accessories Continue:** **Mobile Bridge**

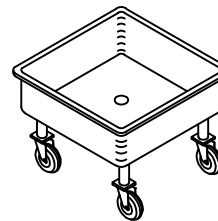
Mobile bridge to be constructed of 14 gauge stainless steel type 304 seamlessly formed, welded, ground and polished to match the finish of the conveyor. Size to be as required. Three sides of bridge to have 1 1/2" diameter 180 degree rolled rims. Fourth side to be turned down over raised edge of scrapping trough. Bridge to be supported by 1 5/8" O.D. stainless steel legs with 1" O.D. stainless steel "H" railing completely welded and finished, and provided with 5" diameter casters with polyurethane tires and foot brakes. Stainless steel leg sleeves with set screws to facilitate vertical adjustment to be welded to underside of bridge.

 **Removable Bridge**

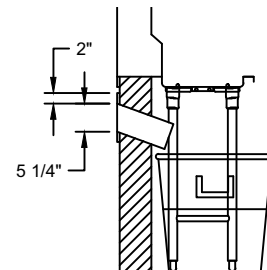
Removable bridge to be constructed of 14 gauge stainless steel type 304 seamlessly formed, welded, ground and polished to match the finish of the conveyor. Size to be as required. Two sides of bridge to have 1 1/2" diameter 180 degree rolled rims. Ends to be turned down over both supporting edges.

 **T-101 Silver Soak Sink**

Sink to be 22" x 22" x 8" deep inside, constructed of 14 gauge stainless steel, with all interior corners coved and provided with 1 1/2" diameter 180 degree rolled rims on four sides ending in bullnosed corners. Sink bottom to be creased to a 1 1/2" twist handle waste outlet set into recessed die-stamped opening. Sink to have 10" legs made of 1 5/8" O.D. stainless steel tubing welded to be underside of the sink and furnished with 5" diameter casters with polyurethane tires and foot brakes.

 **Recycling Chute**

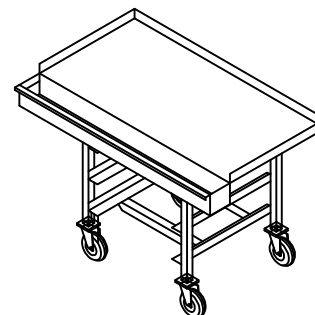
Chute to be constructed of 14 gauge stainless steel flanged out 2" on the dining room side of the wall, forming continuous frame. Corners to be completely closed, welded and polished to a uniform finish.

 **NEMA 4X Electrical Enclosure**

Enclosure to be stainless steel in lieu of standard NEMA epoxy painted steel.

 T-239 Silver Sorting Caddy

Silver sorting caddy to be 42" long x 26 1/2" wide x 35 7/8" high to table surface. Top of 14 gauge stainless steel turned up 2" on three sides with corners welded. Attendant's side of the table to have integrally constructed through 4" deep x 4 1/4" wide to receive cutlery containers. Front of the trough to have a channel rim. Legs of 1 1/4" square stainless steel tubing, with three set of #14 gauge stainless steel angles spaced on 6" centers to receive 20" x 20" silver racks. The unit to be provided with 5" polyurethane tires, two with foot brakes.



MODEL T-239

 T-305 Bulk Silver Caddy

See Bulk Silver Caddy cutsheet for specifications

 T-402 Tray & Silver Caddy

See Tray & Silver Caddy cutsheet for specifications

 T-407 Bulk Silver Caddy

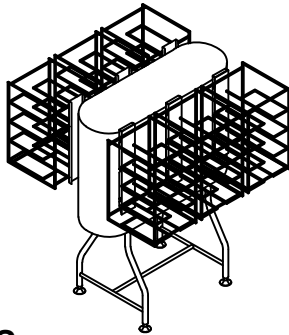
See Bulk Silver Caddy cutsheet for specifications

 T-301 Tray & Silver Caddy

See Tray & Silver Caddy cutsheet for specifications



SOILED TRAY CONVEYOR STA-R



FEATURES

- Saves space
- Saves labor
- Easy cleaning
- Accumulates maximum trays in minimum space
- Accumulates trays while the staff attends to other duties

SPECIFICATIONS:

Series STA-R Soiled tray conveyor to be as manufactured by Caddy Corporation.

Unit shall be as detailed on the plan and to accommodate 14" x 18" or 15" x 20" flat bottom trays. Other size trays can be accommodated upon request. (Specify dimensions of trays to be used.)

Accumulator frame to be constructed of 1/8" stainless steel angle. 12 gauge stainless steel channel crossbraces on approximately 3'-0" centers, to be providing support to the frame work.

Accumulator to be free-standing, supported by 1 5/8" O.D. stainless steel "H" frame legs with 1" O.D. stainless steel cross bracing completely welded, finished and provided with adjustable stainless steel flanged feet. Flanged feet for bolting to floor as needed.

Drive assembly to be located opposite side of tray drop-off. The drive assembly D.C. controller to be solid state SCR type with built-in electronic torque control and variable speed from zero to 20 feet per minute. Accumulator to be driven by reduction gearhead wash down type D.C. motor. D.C. motor to eliminate high torque in case of jamming condition. Motor can also be held in locked rotor position without damage to accumulator. Motor to be Controlled manually by an on/off switch. All wired to the watertight controller. with overload protection, in NEMA 4 type enclosure.

Access panels to motor and gearing area, and radius panels on each end to be 18 gauge stainless steel. Top to be removable for access to motor and gearing area.

Carriers to be removable and to consist of 5/16" and 3/8" diameter stainless steel rod type tray slides to minimize surface area cleaning and to facilitate visibility. Number of carriers to be determined by the overall length of the accumulator and shall be designed to accommodate

Five trays (STA-R-50) or **Four trays (STA-R-40)**

Tray carriers shall be mechanically connected, effectively producing a continuous rotation of carriers for accumulation of trays. Direction of rotation shall be coordinated with cafeteria traffic flow, and shall be either in a clockwise or counter clockwise rotation.

Accumulator shall be provided with an anti-jam switch which will quickly brake to a halt the forward movement of carriers in the event that a tray is not properly positioned in a carrier and restarted (after slight time delay) when tray is properly positioned.

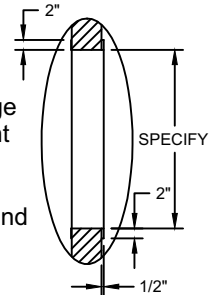
The accumulator shall be designed and manufactured according to the standards as set forth by the National Sanitation Foundation (NSF).

Baffle wall to mount on top of STA-R. Top of baffle to extend from baffle wall to above window opening. The entire sight and sound baffle to be of double wall 18 gauge stainless steel construction with sound deadening filler throughout.

Optional Accessories:

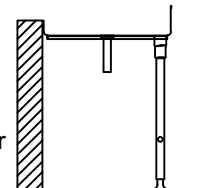
D-D Tray Drop Pass Windows

Window back to be constructed of 14 gauge stainless steel flanged out 1/2" x 2" on front side of the wall and 2" x 2" single skin on kitchen side, forming continuous frame. Corners to be completely closed, welded and polished to a uniform finish.



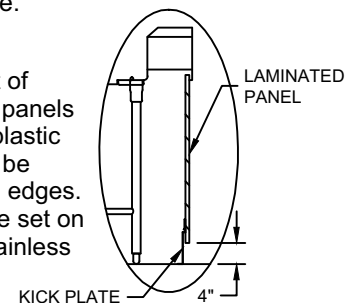
Tray Drop Drip Pan

Drip pan to be 14 gauge stainless steel bed with longitudinal intersections rounded on 3/4" radius. Joints to be of welded construction, ground and polished to a uniform #4 finish. Stainless steel channel cross braces on approximately 5'-0" centers to be providing support under the bed. Intermediate supports of the conveyor to consist of 1 5/8" O.D. stainless steel legs with 1" O.D. stainless steel cross bracing completely welded, finished and provided with adjustable stainless steel flanged feet. Flanged feet for bolting to floor as needed. Bottom of drip pan to have 1 1/2" drain with tailpiece.



Full Height Skirting

Skirting at tray drop to consist of removable 3/4" thick plywood panels with waterproof backing and plastic lamination (color or pattern to be selected later) on front and all edges. This section of conveyor to be set on 6" high recessed 14 gauge stainless steel toe base.



Soiled Dishtable

Table to be provided. Table and conveyor bed to be coordinated as one entire homogeneous unit to reduce field welding. Dishtable to be constructed of 14 gauge stainless steel with all exposed edges finished in a 3" high curbing

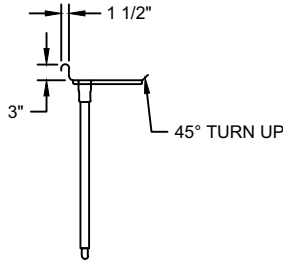


**SOILED TRAY CONVEYOR
STA-R**



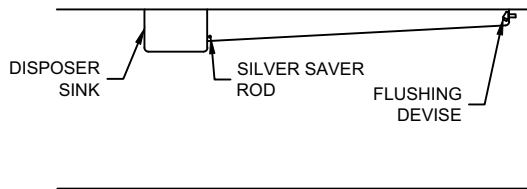
Optional Accessories Continued:

with 1 1/2" diameter 180 degree rolled rim with corners bullnosed. All corners to be rounded horizontally and vertically forming a cove at intersection. Joints to be continuously welded, ground and polished to a #4 finish to appear as one continuous surface free of buckles and weld marks. Next to conveyor bed, the table surface is to be sloped up at a 45 degree angle. Top to be cross braced with 14 gauge stainless steel channel stiffeners welded to the underside. Cross stiffeners to be at leg assembly stations on approximately 5'-0" centers. Legs to be constructed as specified for the conveyor with cross bracing as required to provide a rigid assembly.



Scrapping Trough

Trough to be made of the same material as adjoining dishtable and constructed integrally with the same. Trough bottom to be pitched to a disposal unit and to have corners coved to a 3/4" radius. Where the trough intersects disposer sink, it is to be continuously welded. Weld to be ground smooth and polished to a uniform finish. Trough bottom to be provided with water flushing devices to simplify flushing of entire trough bottom. The disposer sink station to be as dimensioned on drawing. Sink made of 14 gauge stainless steel with all corners coved. Seam between sink and top to be continuously welded. Where trough meets disposer sink station it is to be fitted with a silver saver barrier consisting of a stainless steel horizontal rod properly spaced to prevent silverware from entering the disposer. (Disposer adapter ring furnished by manufacture of the disposer.) Seam between disposer and adapter ring and sink bottom to be continuously welded, ground smooth and polished.

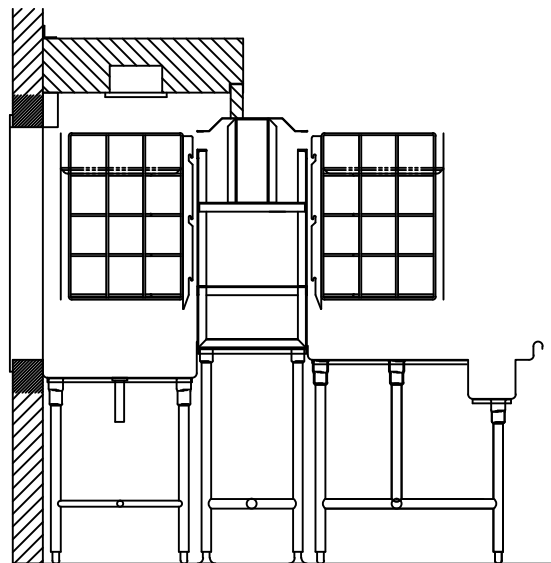
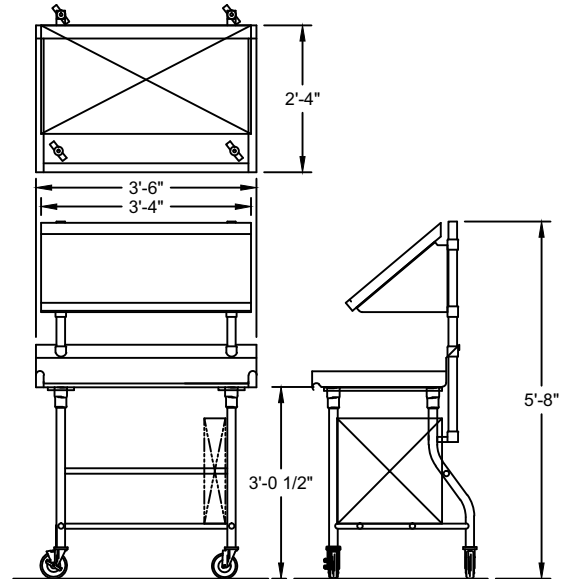


Mobile Racking Station

Table to be 14 gauge stainless steel bed with longitudinal intersections rounded on 3/4" radius. Joints to be of welded construction, ground and polished to a uniform #4 finish. Sides of racking station to have 1 1/2" diameter 180 degree rolled rims. Front end to have marine edge. Back side of racking station to have 8" high splash. Sloped racking shelf to be constructed of #14 gauge stainless steel with shelf surface measuring 22" in width and sloped up toward rear at a 40 degree angle. Shelf to have 2" high curbing at front. The rim of front curbing to have 1" wide channel facing rear to provided space inside for liquid accumulation. Rear and ends of shelf to have 2" high vertical risers. Lower edge of shelf to have drain holes. Shelf to be attached to 12 gauge stainless steel cantilever brackets. Brackets to be welded to the underside of shelf.

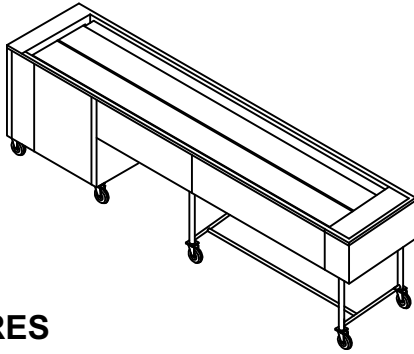
Shelf to be supported by 1 5/8" O.D. stainless steel

tubular uprights which are integrally attached to the leg assembly. Uprights to be fitted with stainless steel sleeves to which shelf brackets are welded. Sleeves to have set screws to facilitates vertical adjustment of shelf. Racking station to consist of 1 5/8" O.D. stainless steel legs with 1" O.D. stainless steel cross bracing spaced to receive 20" x 20" racks. Legs completely welded, finished and provided with 5" polyurethane tires, two with foot brakes.



Typical Section of STA-R with optional Window Buck, Drip Pan and Soiled Table with Scrapping Trough

CADDY CORPORATION
 509 Sharptown Road P.O. Box 345
 Bridgeport, NJ 08014-0345
 Tel: 856-467-4222 Fax: 856-467-5511
 internet: www.caddycorp.com

**BUSING CONVEYOR
BU-10-10 SERIES****FEATURES**

- **MOBILE:** no permanent electrical or plumbing connections needed.
- Dishes, cups and glasses are sorted directly onto conveyor
- Tableware is conveyed to loading area of dish washer.

SPECIFICATIONS:

Series BU-10-10 Busmaster conveyor to be as manufactured by Caddy Corporation. U.L. and N.S.F. listed with labels affixed. Unit shall be as detailed on the plan and provided with two 10" self-tracking stainless steel chain-type belts resulting in 20" wide conveying surface. Conveyor belt to consist of a stainless steel chain having approximately 3/4" pitch with 10" side snap-on type slats. Slats to have tapered edges on all sides and molded of low friction polycarbonate compound and replaceable without the use of special tools and disassembling of belt chain. Slats not to overlap in any position to provide effective access of cleaning agents to all parts of the assembled belt. Return belt to be suspended from monorail-type track. Belt speed factory-set at approximately 20 feet per minute. Conveyor to be suitable for conveying stacked loose dishes, dishwasher racks, trays and similar items,

Conveyor bed to be 14 gauge stainless steel turned up on all sides to form 3" high curbing. Conveyor to have full length catch pan pitched to drain with extension tubing.

Drive housing to consist of 18 gauge stainless steel enclosure on two sides with removable rear panel and opposite hinged access door with full height pull. Frame of drive housing to be 2" x 2" angles stainless steel superstructure.

Conveyor at belt return level to be provided with removable easy-to-lock-in-place skirting panels of 18 gauge stainless steel.

Busmaster to have stainless steel channel cross braces on approximately 5'-0" centers to provide support under the bed and to the monorail belt return tracking system. Intermediate supports of the conveyor to consist of 1 5/8" O.D. stainless steel "H" frame legs with 1" O.D. stainless steel cross bracing completely welded, finished. Legs and housing to be fitted with heavy duty double ball bearing 5" diameter polyurethane tired swivel casters. Four end casters to have brakes.

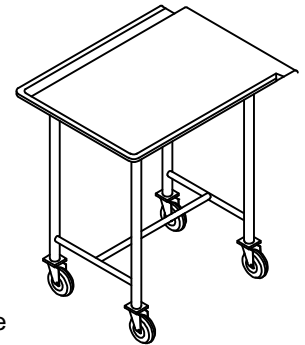
Conveyor to be chain driven by reduction gearhead wash down type D.C. motor to eliminate high torque in case of jamming condition of the conveyor. Motor can also be held in locked rotor position without damage to conveyor.

Positive action motor brake to be provided to stop conveyor without coasting. Motor to be controlled manually by an on/off switch and palm operated switch at discharge end wired so conveyor moves when switch is held in depressed position, all wired to the watertight SCR solid state D.C. controller with overload protection, in NEMA 4 type enclosure ready for plug-in to power supply. Drive to be fitted with 20 gauge stainless steel 360° chain guard. Conveyor shall have 6'-0" long power cord.

Conveyor to be furnished with an 18 gauge stainless steel catch pan under full length of conveyor. Catch pan to be pitched towards drain with extension tubing.

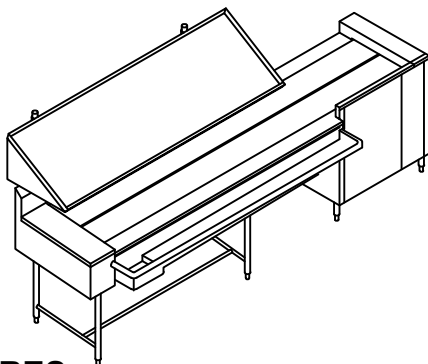
BU-10-10 Conveyor Optional Features: **Mobile Bridge**

Mobile bridge to be constructed of 14 gauge stainless steel type 304 seamlessly formed, welded, ground and polished to match the finish of the conveyor. Size to be as required. Three sides of bridge to have 1 1/2" diameter 180 degree rolled rims. Fourth side to be turned down over raised edge of scrapping trough. Bridge to be supported by 1 5/8" O.D. stainless steel legs with 1" O.D. stainless steel "H" railing completely welded and finished, and provided with 5" diameter casters with polyurethane tires and foot brakes. Stainless steel leg sleeves with set screws to facilitate vertical adjustment to be welded to underside of bridge.

 **Motors**

(Continue specifications by selecting motor electrical characteristic)

- 208 volts, 60 Hz, single phase.
- 208 volts, 60 Hz, three phase.
- 120 volts, 60 Hz, single phase (for Busmaster up to 25 ft.)

**SORTING CONVEYOR
SV-10-10 SERIES****FEATURES**

- Saves space
- Dishes, cups and glasses are sorted directly onto conveyor
- Tableware is conveyed to loading area of dish washer.

SPECIFICATIONS:

Series SV-10-10 Sorting-veyor to be as manufactured by Caddy Corporation. U.L. and N.S.F. listed with labels affixed. Unit shall be as detailed on the plan and provided with two 10" self-tracking stainless steel chain-type belts resulting in 20" wide conveying surface. Conveyor belt to consist of a stainless steel chain having approximately 3/4" pitch with 10" side snap-on type slats. Slats to have tapered edges on all sides and molded of low friction polycarbonate compound and replaceable without the use of special tools and disassembling of belt chain. Slats not to overlap in any position to provide effective access of cleaning agents to all parts of the assembled belt. Return belt to be suspended from monorail-type track. Belt speed factory-set at approximately 20 feet per minute. Conveyor to be suitable for conveying stacked loose dishes, dishwasher racks, trays and similar items, and to be provided with scrapping trough for stripping of soiled trays.

Conveyor bed to be 14 gauge stainless steel turned up adjacent to dishwashing machine to form 10" high curbing. Loading and unloading areas to have raised edges. Discharge end to be provided with palm operated switch wired so conveyor moves when switch is held in depressed position. Conveyor to have full length catch pan pitched to provide drainage.

Drive housing to consist of 18 gauge stainless steel enclosure on two sides with removable rear panel and opposite hinged access door with full height pull. Frame of drive housing to be 2" x 2" angles stainless steel superstructure.

Rear sections of conveyor at belt return level to be provided with removable easy-to-lock-in-place skirting panels of 18 gauge stainless steel.

Sorting-veyor to have stainless steel channel cross braces on approximately 5'-0" centers to be providing support under the bed and to the monorail belt return tracking system. Intermediate supports of the conveyor to consist of 1 5/8" O.D. stainless steel "H" frame legs with 1" O.D. stainless steel cross bracing completely welded,

finished and provided with adjustable stainless steel bullet shaped feet.

Loading side of conveyor to be provided with scrapping trough of 14 gauge stainless steel bed with longitudinal intersections rounded on 3/4" radius. Trough bottom to be pitched to a disposal unit. Where the trough intersects disposer sink, it is to be continuously welded. Weld to be ground smooth and polished to a uniform finish. Trough bottom to be provided with water flushing devices to simplify flushing of entire trough bottom. The disposer sink station to be as dimensioned on drawing. Sink make of 14 gauge stainless steel with all corners coved. Seam between sink and top to be continuously welded. Where trough meets disposer sink station it is to be fitted with a silver saver barrier consisting of a stainless steel horizontal rod properly spaced of prevent silverware from entering the disposer. (Disposer adapter ring furnished by manufacture of the disposer.) Seam between disposer and adapter ring and sink bottom to be continuously welded, ground smooth and polished. Rear of trough adjacent to conveyor to have full length rail to lock soiled trays in horizontal position.

Conveyor to be chain driven by reduction gearhead wash down type D.C. motor to eliminate high torque in case of jamming condition of the conveyor. Motor can also be held in locked rotor position without damage to conveyor. All wired to the watertight SCR solid state D.C. controller. with overload protection, in NEMA 4 type enclosure. Positive action motor brake to be provided to stop conveyor without coasting. Drive to be fitted with 20 gauge stainless steel 360° chain guard. All electrical components and motor to be conveniently located in the drive enclosure and completely interwired through splash proof flexible conduit and conduit connectors.

Sloped racking shelf to be of length as shown on drawing. Sloped racking shelf to be constructed of 14 gauge stainless steel with shelf surface measuring 22" in width and sloped up toward rear at a 40 degree angle. Shelf to have 2" high curbing at front. The rim of front curbing to have 1" wide channel facing rear to provided space inside for liquid accumulation. Rear and ends of shelf to have 2" high vertical risers. Lower edge of shelf to have drain holes. Shelf to be attached to 12 gauge stainless steel cantilever brackets. Brackets to consist of triangular shaped plate and a stainless steel angle welded to the underside of shelf. Plates and angles to have rows of conforming slots to permit front to back adjustment of shelf. Each bracket to be provided with two stainless steel truss head bolts and stainless steel nuts. Shelf to be supported by 1 5/8" O.D. stainless steel tubular uprights which are integrally attached to the leg assembly. Uprights to be fitted with stainless steel sleeves to which shelf brackets are welded. Sleeves to have set screws to facilitates vertical adjustment of shelf.



**SORTING CONVEYOR
SV-10-10 SERIES****Specifications Continue:**

BWF belt washer to consist of welded 16 gauge stainless steel. Belt washer to have top and bottom fan shaped sprays arranged so lukewarm water thoroughly washes all belt surfaces after which belt is wiped continuously. Belt washer to have hinged drop-down, splash proof stainless steel access door. Washer to be fitted with interconnected water pressure reducing valve, water pressure gauge, shutoff valve and thermostatically controlled mixing valve with check valves. Bottom of belt washer to have 1 1/2" drain with tailpiece and two removable stainless steel perforated scrap baskets. Belt washer piping to be complete with approved type vacuum breaker and check valve. All piping exposed to view to be chrome plated. Operation of belt washer to be controlled by solenoid valve integrally wired to time delay relay which is activated by palm switch of conveyor. Belt washer will operate for a period of 60 seconds after palm switch is released. A separate On/Off switch to be provided to permit operation of conveyor without belt washer.

Conveyor to be furnished with an 18 gauge stainless steel catch pan under full length of conveyor. Catch pan to be pitched towards belt washer.

SV-10-10 Conveyor Optional Features: **Direct Discharge onto Scrapping Trough**

Scrapping trough to be of width to receive trays and provided with two rows of skatewheels with stainless steel bearings and spaced on approximately 2 1/4" centers.

 Accumulating Table

Conveyor to be provided with integrally constructed #14 gauge stainless steel accumulating table at discharge end, size as shown on plan. All sides of table not abutting conveyor to have 3" curbing with 1 1/2" diameter 180 degree rolled rims and bull nosed corners. All horizontal intersections to be rounded. A cup strainer waste with 1 1/2" tailpiece to be provided.

 Accumulating Table with extended drain

Waste outlet to be extended and to discharge into belt washer.

 Belt Washer with Recirculating Water

BWR belt washer to consist of welded 16 gauge stainless steel. Belt washer to have top and bottom fan shaped sprays arranged so lukewarm water thoroughly washes all belt surfaces after which belt is wiped continuously. Belt washer to have hinged drop-down, splash proof stainless steel access door. Washer to be fitted with interconnected water pressure reducing valve, water pressure gauge, shutoff valve and thermostatically controlled mixing valve with check valves. Bottom of belt washer to have 1 1/2" drain with tailpiece and two removable stainless steel perforated scrap baskets, and removable constant overflow standpipe to maintain water level. A pump to be provided to recirculate water from reservoir through spray nozzles. Recirculating system to include a removable filter to facilitate cleaning. Operation of belt washer to be controlled by solenoid valve integrally wired to On/Off switch of

conveyor to provide automatic operation of belt washer while conveyor is running. A separate On/Off switch to be provided to permit operation of conveyor without belt washer.

 Timed Belt Washing Cycle (for clean-up operations)

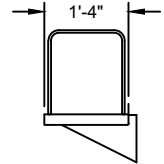
Belt washer to be controlled by automatic timer activated by a push button switch inside belt washer housing in such manner that conveyor and belt washer will operate without interruption for an adjustable cycle of up to 16 minutes. After completion of wash cycle conveyor is ready for next start-up.

 Detergent Injector (for maximum sanitation)

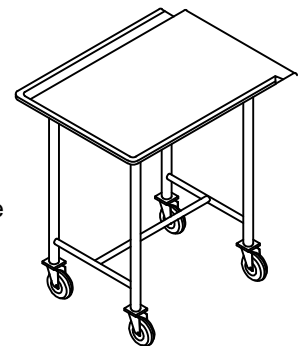
A siphon type detergent injector working in conjunction with the belt washer water supply to be furnished.

 Single Overhead Storage Shelf

Flat storage shelf to be constructed of 14 gauge stainless steel with shelf surface measuring 16" wide. Shelf to have turned down channel edge at front and 2" high riser at rear. Both ends to be fitted with 16" high "U" shaped rack supports made of 3/8" diameter stainless steel rod. Shelf to be attached to 12 gauge stainless steel cantilever brackets. Brackets to be welded to the underside of shelf. Plates and angles to have rows of conforming slots to permit front to back adjustment of shelf. Each bracket to be provided with two stainless steel truss head bolts and stainless steel nut.

 **Mobile Bridge**

Mobile bridge to be constructed of 14 gauge stainless steel type 304 seamlessly formed, welded, ground and polished to match the finish of the conveyor. Size to be as required. Three sides of bridge to have 1 1/2" diameter 180 degree rolled rims. Fourth side to be turned down over raised edge of scrapping trough. Bridge to be supported by 1 5/8" O.D. stainless steel legs with 1" O.D. stainless steel "H" railing completely welded and finished, and provided with 5" diameter casters with polyurethane tires and foot brakes. Stainless steel leg sleeves with set screws to facilitate vertical adjustment to be welded to underside of bridge.

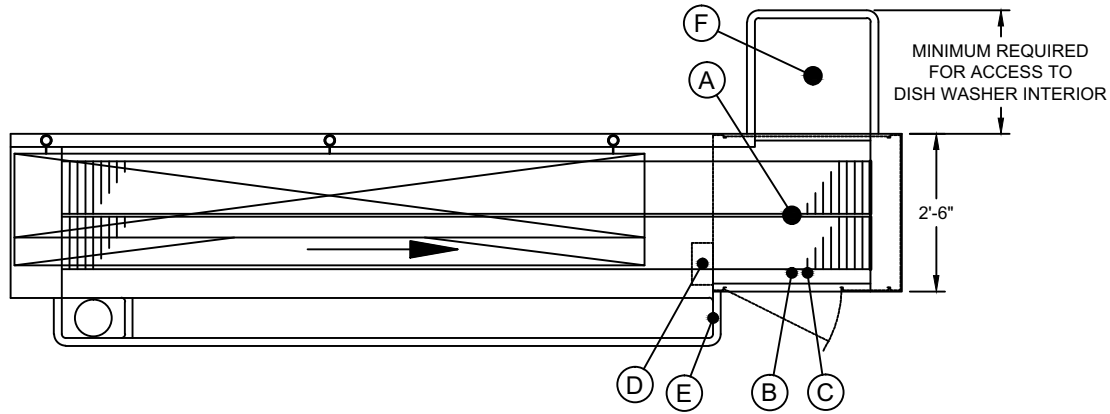




**SORTING CONVEYOR
SV-10-10 SERIES**



TYPICAL ROUGHING, PLUMBING AND ELECTRICAL DATA

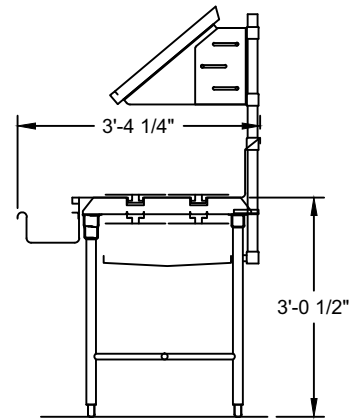


ROUGH-IN SCHEDULE

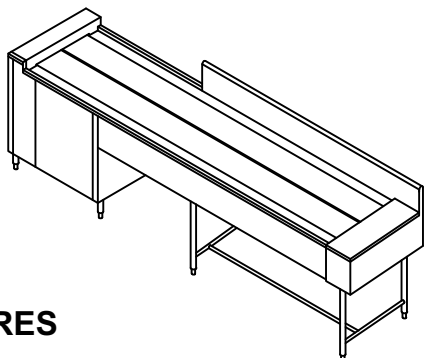
NOTE: ALL ROUGH-INS TO BE 4" AFF

SYM	DESCRIPTION
A	1 1/2" I.P.S. WASTE
B	1/2" I.P.S. HOT WATER
C	1/2" I.P.S. COLD WATER
D	1/2 H.P. (SEE BELOW FOR AVAILABLE ELEC. CHARACTERISTIC)
E	1/2" I.P.S. WATER INLET
F	1 1/2" I.P.S. WASTE (IF ACCUMULATING TABLE IS PROVIDED)

Motors available: 208/230/460 volts, 60 Hz, three phase. 120 volts, 60 Hz, single phase (for Sorting-Veyor up to 25 ft. long)



Typical Section View

**BUSING CONVEYOR
BV-10-10 SERIES****FEATURES**

- Saves space
- Dishes, cups and glasses are sorted directly onto conveyor
- Tableware is conveyed to loading area of dish washer.

SPECIFICATIONS:

Series BV-10-10 Busing conveyor to be as manufactured by Caddy Corporation. U.L. and N.S.F. listed with labels affixed. Unit shall be as detailed on the plan and provided with two 10" self-tracking stainless steel chain-type belts resulting in 20" wide conveying surface. Conveyor belt to consist of a stainless steel chain having approximately 3/4" pitch with 10" side snap-on type slats. Slats to have tapered edges on all sides and molded of low friction polycarbonate compound and replaceable without the use of special tools and disassembling of belt chain. Slats not to overlap in any position to provide effective access of cleaning agents to all parts of the assembled belt. Return belt to be suspended from monorail-type track. Belt speed factory-set at approximately 20 feet per minute. Conveyor to be suitable for conveying stacked loose dishes, dishwasher racks, trays and similar items.

Conveyor bed to be 14 gauge stainless steel turned up adjacent to dishwashing machine to form 10" high curbing. Loading and unloading areas to have raised edges. Discharge end to be provided with palm operated switch wired so conveyor moves when switch is held in depressed position. Conveyor to have full length catch pan pitched to provide drainage.

Drive housing to consist of 18 gauge stainless steel enclosure on two sides with removable rear panel and opposite hinged access door with full height pull. Frame of drive housing to be 2" x 2" angles stainless steel superstructure.

Rear sections of conveyor at belt return level to be provided with removable easy-to-lock-in-place skirting panels of 18 gauge stainless steel.

Busing conveyor to have stainless steel channel cross braces on approximately 5'-0" centers to be providing support under the bed and to the monorail belt return tracking system. Intermediate supports of the conveyor to consist of 1 5/8" O.D. stainless steel "H" frame legs with 1" O.D. stainless steel cross bracing completely welded, finished and provided with adjustable stainless steel bullet shaped feet.

Conveyor to be chain driven by reduction gearhead wash down type D.C. motor to eliminate high torque in case of jamming condition of the conveyor. Motor can also be

held in locked rotor position without damage to conveyor. All wired to the watertight SCR solid state D.C. controller. with overload protection, in NEMA 4 type enclosure. Positive action motor brake to be provided to stop conveyor without casting. Drive to be fitted with 20 gauge stainless steel 360° chain guard. All electrical components and motor to be conveniently located in the drive enclosure and completely interwired through splash proof flexible conduit and conduit connectors.

BWF belt washer to consist of welded 16 gauge stainless steel. Belt washer to have top and bottom fan shaped sprays arranged so lukewarm water thoroughly washes all belt surfaces after which belt is wiped continuously. Belt washer to have hinged drop-down, splash proof stainless steel access door. Washer to be fitted with interconnected water pressure reducing valve, water pressure gauge, shutoff valve and thermostatically controlled mixing valve with check valves. Bottom of belt washer to have 1 1/2" drain with tailpiece and two removable stainless steel perforated scrap baskets. Belt washer piping to be complete with approved type vacuum breaker and check valve. All piping exposed to view to be chrome plated. Operation of belt washer to be controlled by solenoid valve integrally wired to time delay relay which is activated by palm switch of conveyor. Belt washer will operate for a period of 60 seconds after palm switch is released. A separate On/Off switch to be provided to permit operation of conveyor without belt washer.

Conveyor to be furnished with an 18 gauge stainless steel catch pan under full length of conveyor. Catch pan to be pitched towards belt washer.

BV-10-10 Conveyor Optional Features: **Mobile Bv-10-10**

Legs and housing to be fitted with heavy duty double ball bearing 5" dia. polyurethane tired swivel caster. Four end casters with brakes. Conveyor shall have 6'-0" long power cord. Water inlet of belt washer provided with heavy duty 6'-0" long rubber hose and quick disconnect shut-off coupling. A control box of 16 gauge stainless steel approximately 6 1/2" x 2 1/2" x 5 1/2" high with mounting tabs suitable for remote vertical installation to be furnished. Control box to contain a hot and cold water automatic temperature mixing valve with external adjustment, a water supply valve with external shut-off handle, a quick disconnect, 1/2" IPS hose coupler and two 1/2" IPS, hot and cold external male water inlets facing towards the floor for connection of hot and cold water supply by others.

 Accumulating Table

Conveyor to be provided with integrally constructed 14 gauge stainless steel accumulating table at discharge end, size as shown on plan. All sides of table not abutting





BUSING CONVEYOR BV-10-10 SERIES



BV-10-10 Conveyor Optional Features:

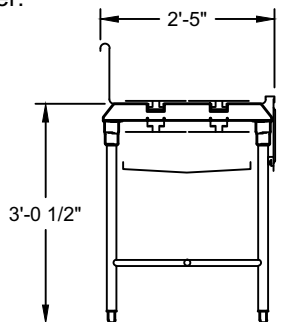
conveyor to have 3" curbing with 1 1/2" diameter 180 degree rolled rims and bull nosed corners. All horizontal intersections to be rounded. A cup strainer waste with 1 1/2" tailpiece to be provided.

Accumulating Table with extended drain

Waste outlet to be extended and to be discharge into belt washer.

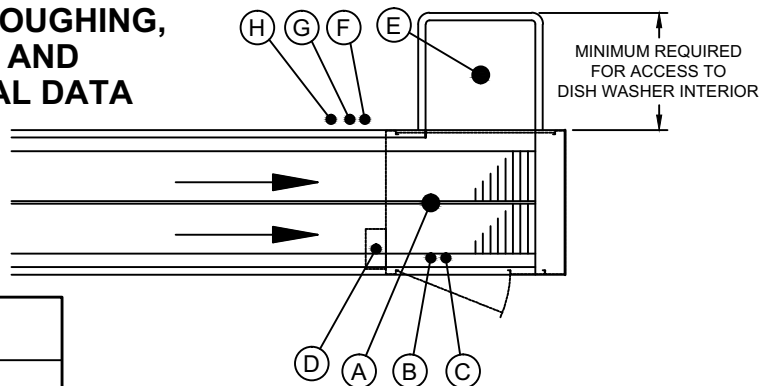
Belt Washer with Recirculating Water

BWR belt washer to consist of welded 16 gauge stainless steel. Belt washer to have top and bottom fan shaped sprays arranged so lukewarm water thoroughly washes all belt surfaces after which belt is wiped continuously. Belt washer to have hinged drop-down, splash proof stainless steel access door. Washer to be fitted with interconnected water pressure reducing valve, water pressure gauge, shutoff valve and thermostatically controlled mixing valve with check valves. Bottom of belt washer to have 1 1/2" drain with tailpiece and two removable stainless steel perforated scrap baskets, and removable constant overflow standpipe to maintain water level. A pump to be provided to recirculate water from reservoir through spray nozzles. Recirculating system to include a removable filter to facilitate cleaning. Operation of belt washer to be controlled by solenoid valve integrally wired to On/Off switch of conveyor to provide automatic operation of belt washer while conveyor is running. A separate On/Off switch to be provided to permit operation of conveyor without belt washer.



Typical Section View

TYPICAL ROUGHING, PLUMBING AND ELECTRICAL DATA



Timed Belt Washing Cycle (for clean-up operations)

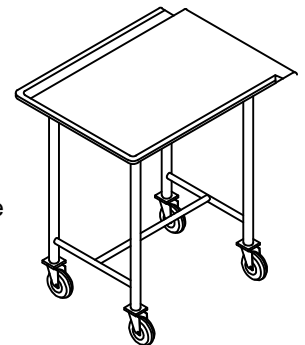
Belt washer to be controlled by automatic timer activated by a push button switch inside belt washer housing in such manner that conveyor and belt washer will operate without interruption for an adjustable cycle of up to 16 minutes. After completion of wash cycle conveyor is ready for next start-up.

Detergent Injector (for maximum sanitation)

A pump type detergent injector working in conjunction with the belt washer water supply to be furnished.

Mobile Bridge

Mobile bridge to be constructed of 14 gauge stainless steel type 304 seamlessly formed, welded, ground and polished to match the finish of the conveyor. Size to be as required. Three sides of bridge to have 1 1/2" diameter 180 degree rolled rims. Fourth side to be turned down over raised edge of scrapping trough. Bridge to be supported by 1 5/8" O.D. stainless steel legs with 1" O.D. stainless steel "H" railing completely welded and finished, and provided with 5" diameter casters with polyurethane tires and foot brakes. Stainless steel leg sleeves with set screws to facilitate vertical adjustment to be welded to underside of bridge.



ROUGH-IN SCHEDULE

NOTE: ALL ROUGH-INS TO BE 4" AFF

SYM	DESCRIPTION
A	1 1/2" I.P.S. WASTE (FOR MOBILE UNIT PROVIDE 10" DIA. FUNNEL TOP-FLOOR DRAIN IN THIS LOCATION)
B	1/2" I.P.S. HOT WATER (FOR STATIONARY UNIT ONLY)
C	1/2" I.P.S. COLD WATER (FOR STATIONARY UNIT ONLY)
D	1/2 H.P. (FOR STATIONARY UNIT ONLY SEE BELOW FOR AVAILABLE ELECTRIC CHARACTERISTIC)
E	1 1/2" I.P.S. WASTE (IF ACCUMULATING TABLE IS PROVIDED, OPTIONAL)
F	1/2 H.P. (FOR MOBILE UNIT ONLY SEE BELOW FOR AVAILABLE ELECTRIC CHARACTERISTIC) PLUG-IN RECEPTACLE SUPPLIED BY ELECTRICAL CONTRACTOR
G	1/2" I.P.S. HOT WATER (FOR MOBILE UNIT ONLY)
H	1/2" I.P.S. COLD WATER (FOR MOBILE UNIT ONLY)

Motors available: 208/230/460 volts, 60 Hz, three phase. 120 volts, 60 Hz, single phase (for Busing-Veyor up to 25 ft. long)

CADDY CORPORATION
 509 Sharptown Road P.O. Box 345
 Bridgeport, NJ 08014-0345
 Tel: 856-467-4222 Fax: 856-467-5511
 internet: www.caddycorp.com