



Project _____
 Item _____
 Quantity _____
 CSI - 11400 _____
 Approval _____
 Date _____



TD-321

Automatic Tray Dryer

- Automatic conveyor tray dryer provides 99% dry trays
- Unique Air Wiper design reduces ability for bacteria to grow on wet, stacked trays
- Drier and cleaner workplace—less racking of trays for drying
- Increased productivity
- Capacity is compatible with the tray washer and based on a 15” tray
- Designed for left or right hand conveyor travel, as specified.
- Furnished only as an added component to a TRAC 321-2, TRAC 321-2 RPW or TRAC 878 traywasher

STANDARD FEATURES

- Stainless steel frame, legs and feet
- Top mounted NEMA 12 control panel
- SureFire® Start-Up & Check-Out Service

OPTIONS

- Security package
- Tray Stacker

SPECIFIER STATEMENT

Specified unit will be an Insinger TD-321 automatic tray dryer. Features include conveyor-belt for tray drying, left or right specification, and compatibility with TRAC tray washers.



Additional Information

Capacity Per Hour	Compatible with the tray washer and based on a 15" tray
Motor Size	10 hp (blower) 1/15 hp (conveyor)
Shipping Weight	700 lbs.
Additional Current Draw Amps when Connected to Tray Washer	Electrical
208/3/60	31.0
240/3/60	28.2
380/3/50	17.0
480/3/60	14.1

SPECIFICATIONS

CONSTRUCTION- Hood and tank constructed of 16 gauge 18-8 type 304 S/S. Hood unit of all welded seamless construction. S/S frame, legs and feet.

CONVEYOR- One stainless steel roller conveyor chain with tray cradles, through both washer and dryer. Width between guide rails is factory adjustable from 1.5: to 3.7". Conveyor accommodates trays up to 15" high. Conveyor drive system includes direct drive gear motor with frictionless, trouble-free overload release system continuously running.

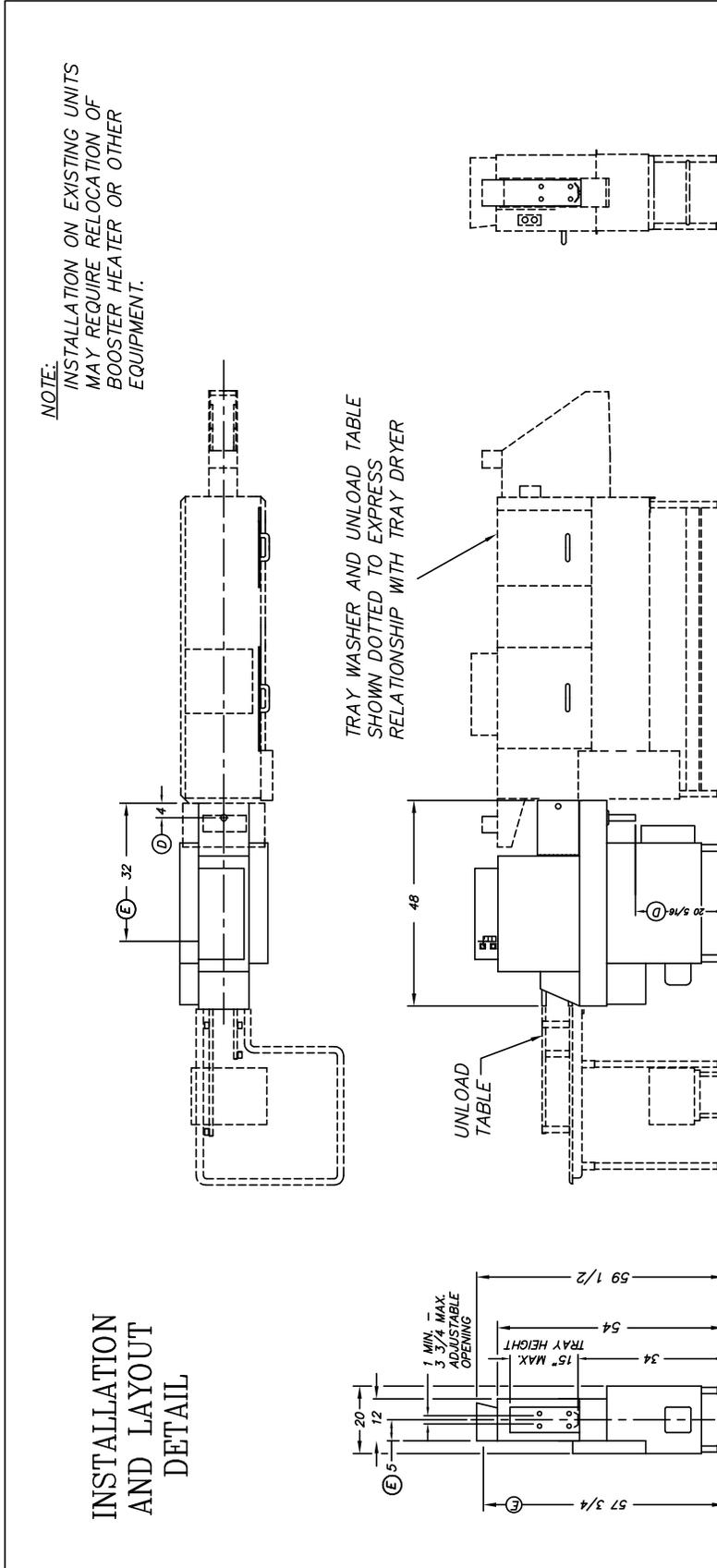
CONTROLS- Top-mounted control cabinet, NEMA 12 rated, housing motor controls and overload protection, transformer and contactors. All controls safe low voltage 24 VAC.

BLOWER- 10 hp regenerative blower with Insinger's specially designed "air wiper" mounted on either side of conveyor. "Air wipers" are mounted on a diagonal to sweep water in controlled movement preventing splashing and uneven results.

DRAIN- All water is drained back into TRAC 321-2, TRAC 321-2 RPW or TRAC 878 with gravity drain connection. Factory installed drain connection to tray washer provided if dryer is ordered with a TRAC 321-2, TRAC 321-2 RPW or TRAC 878.

UNLOAD TABLE- A stainless steel tray unload table receives clean trays. Table constructed with guide rails which ease the trays onto table.

Technical Drawings



NOTE: HOOK UP KIT FOR CONNECTION TO INSINGER
TRAY WASHER AVAILABLE, DWG. # 1361-105.

Information and Specifications
Subject to Change Without Notice.

INSTALLATION CONNECTIONS	
LTR	DESCRIPTION
E	ELECT. SERVICE - BLOWER MTR.
D	DRAIN
	1 1/2 O.D. TUBE
	SIZE
	10 HP

ELECTRICAL CHARACTERISTICS	
VOLTAGE	AMPS
208	31
230	28.2
460	14.1
380	17

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INSINGER
SINGLE TANK CONVEYOR TYPE DISHWASHING MACHINE
Philadelphia, PA 19135
(215) 624-4800
FAX (215) 624-6966
DRWN: EMM 01.17.00 SCALE 1/2" = 1'
REV: KBM 07.29.08 TD321-3R
FILE: STD/TD321-3R

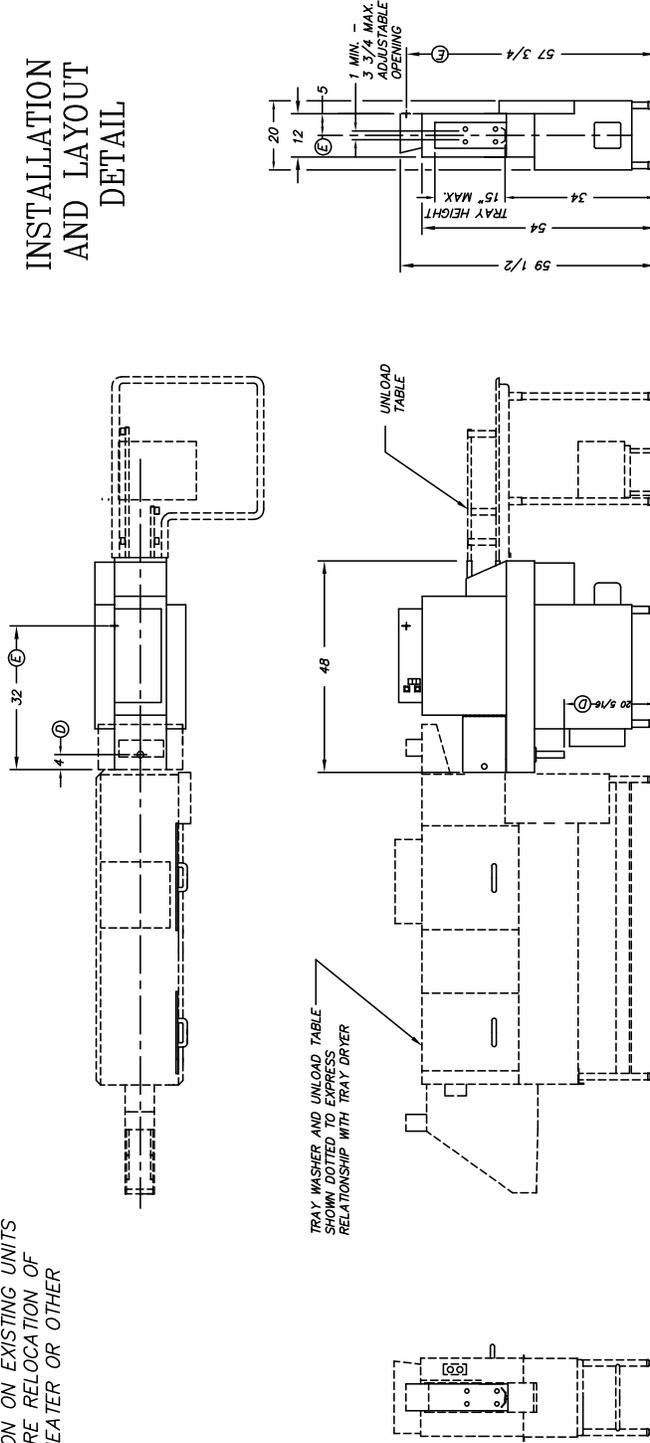
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TD 321-3 TRAY DRYER
SINGLE TANK CONVEYOR TYPE DISHWASHING MACHINE
Philadelphia, PA 19135
(215) 624-4800
FAX (215) 624-6966
DRWN: EMM 01.17.00 SCALE 1/2" = 1'
REV: KBM 07.29.08 TD321-3R
FILE: STD/TD321-3R

Technical Drawings

NOTE:

INSTALLATION ON EXISTING UNITS
MAY REQUIRE RELOCATION OF
BOOSTER HEATER OR OTHER
EQUIPMENT.



TRAY DRYER
UNLOAD END SHOWN

LEFT TO RIGHT FEED

NOTE: HOOK UP KIT FOR CONNECTION TO INSINGER
TRAY WASHER AVAILABLE, DWG. # 1361-105.

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TD 321-3 TRAY DRYER SINGLE TANK CONVEYOR TYPE DISHWASHING MACHINE	
Philadelphia, PA 19135 (215) 624-4800 FAX (215) 624-6966	
DRWN: EMW REV: KBM FILE: STD TD321-3L	SCALE 1/2" = 1' DWG. NO. TD321-3L REV G

ELECTRICAL CHARACTERISTICS	
VOLTAGE	CUSTOMER FUSE
208	FRN-R-60
230	FRN-R-60
460	FRS-R-30
380	FRS-R-35

INSTALLATION CONNECTIONS	
LTR	SIZE
E	TO HP
D	1 1/2 O.D. TUBE