



Dairy Liquid Reclaim

Application Details:

NBE CSO: : E341934012

Material: Liquid Milk

Container Size(s): 8, 12, 16, 32 & 96 Oz Bottles

Container Size(s): ½ and 1 Gallon

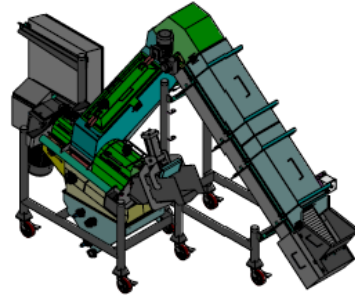
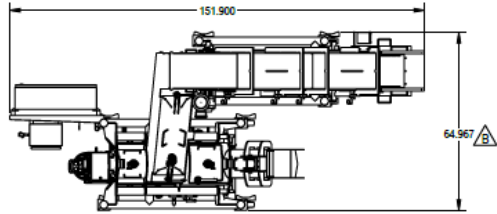
Area Classification: General Industrial

Customer Requested Rate: 40 GPM based on Container Size

Application Overview:

Liquid reclaim system designed to reclaim dairy products from the container. Off-spec packages from the filling lines normally designated for landfill now can be reprocessed through the reclaim system. Sanitary design with CIP features allows the dairy products to be separated from the containers for reuse. This effectively allows the recovery of products for reuse and eliminates disposal and landfill costs.

REVISIONS			
LET	REVISION NOTES	NAME	DATE
A	ISSUED FOR APPROVAL	MCL	06/05/19
B	PNEUMATIC ENCLOSURE MOVED, REISSUED FOR APPROVAL	MCL	06/20/19
C	AS BUILT	MCL	10/30/19
D	UPDATED AS BUILT	MCL	11/15/19



MATERIAL INFORMATION:

- LIQUID MILK - 8, 12, 16, & 32 OZ BOTTLES
- 1/2 GALLON, 96 OZ, & 1 GALLON CONTAINERS

SYSTEM INFORMATION:

- INFEED CONVEYOR
- APPROXIMATE 2 CU FT INFEED HOPPER
- CLEATED INCLINE BELT
- PRESS SYSTEM
 - 9" SCREW
 - TAPERED AUGER
 - PRESS PLATE
 - SPLASH SHIELDS
 - COLLECTION TANK
 - CIP SPRAY BALLS

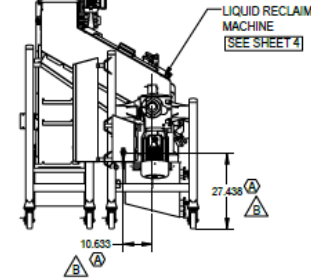
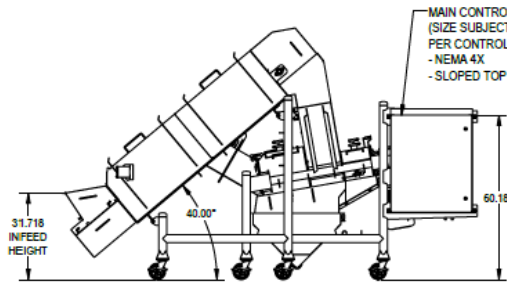
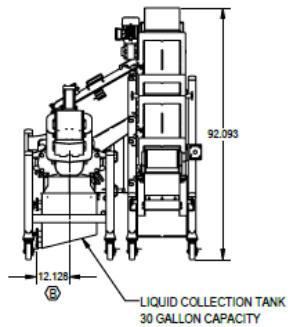
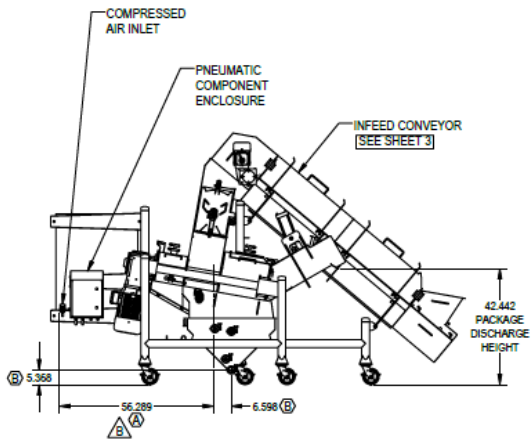
MATERIALS, WELDING AND FINISH SPECIFICATIONS:

- PRODUCT CONTACT SURFACES: 304 STAINLESS STEEL #4 FINISH
- PRODUCT CONTACT WELD FINISH: CONTINUOUS, GROUND, AND POLISHED
- NON-PRODUCT CONTACT SURFACES: 304 STAINLESS STEEL #4 FINISH
- NON-PRODUCT CONTACT WELD FINISH: CONTINUOUS, GROUND, AND POLISHED

ELECTRICAL/CONTROLS:

- AREA CLASSIFICATION: GENERAL INDUSTRIAL
- MAIN POWER: 460 V / 3 PH / 60 HZ
- CONTROL VOLTAGE: 24 VDC
- ENCLOSURES: NEMA 4X

NOZZLE SCHEDULE					
ITEM	QTY	DESCRIPTION	SIZE	RATE	
A	1	COMPRESSED AIR INLET	3/8" NPTF	2 CFM @ 80 PSI INTERMITTENT	
B	1	LIQUID DISCHARGE CIP CONNECTION	2" FERRULE	UNKNOWN	
C	6	CIP CONNECTION	1" FERRULE	UNKNOWN	



SYSTEM DETAILS

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APPROVED WITH REVISIONS NOTED	NATIONAL Bulk Equipment 10259 STAINLESS DR. HOLLAND, MO 64541-6464	ASSEMBLY RECLAIM SYSTEM 304SS
NOT APPROVED: REVISE AND RESUBMIT	PHONE: (416) 399-2230 www.nbe-llc.com	NOTE: SEE ALL DIMS. SCALE: 1:20 SHEET: 2 OF 6 DWG NO: A271081

