MIXER FEATURES

BASIC CONSTRUCTION:
ALL STAINLESS STEEL CONSTRUCTION - WASHDOWN DUTY
HEAVY-DUTY "UNIBODY" STANDARD FRAME DESIGN
STAINLESS STEEL GASKETED END DOORS
STAINLESS STEEL SLOPED COVER OVER DRIVE MOTOR
STAINLESS STEEL WRAP AROUND BUMPER BAR
STAINLESS STEEL INTEGRAL LIFTING LUGS
LUBE-FREE BOWL MOUNTING SYSTEM
LUBE-FREE AGITATOR SHAFT BEARING IN GEARCASE
NICKLE PLATED LH SHAFT BEARING
316L STAINLESS STEEL IN PRODUCT ZONE (BOWL, CANOPY, AGITATOR & SHAFT)
ALL PRODUCT CONTACT SURFACES TO BE 15RA OR BETTER
ALL WELDS IN PRODUCT ZONE TO HAVE NO PITS AND GROUND SMOOTH

BOWL SPECIFICATIONS:
STAINLESS STEEL COMPLETE BOWL ASSEMBLY
LIQUID COOLING/HEATING JACKET ON BOWL SHEET
JACKET CONNECTON PLUGGED WITH 1.25" NPT PIPE PLUGS

AGITATOR SPECIFICATIONS:
STAINLESS STEEL DOUBLE SIGMA ARM AGITATOR & SHAFT
SANITARY REMOVABLE ROTARY SHAFT SEALS-WITH NO AIR PURGE
AGITATOR WELDED TO SHAFT, GROUND & POLISHED SMOOTH
AGITATOR SPEEDS: 20 TO 60 RPM (60 RPM @ 60 HZ)

TILT SPECIFICATIONS:
120° FORWARD BOWL TILT - NON JOG & TILT
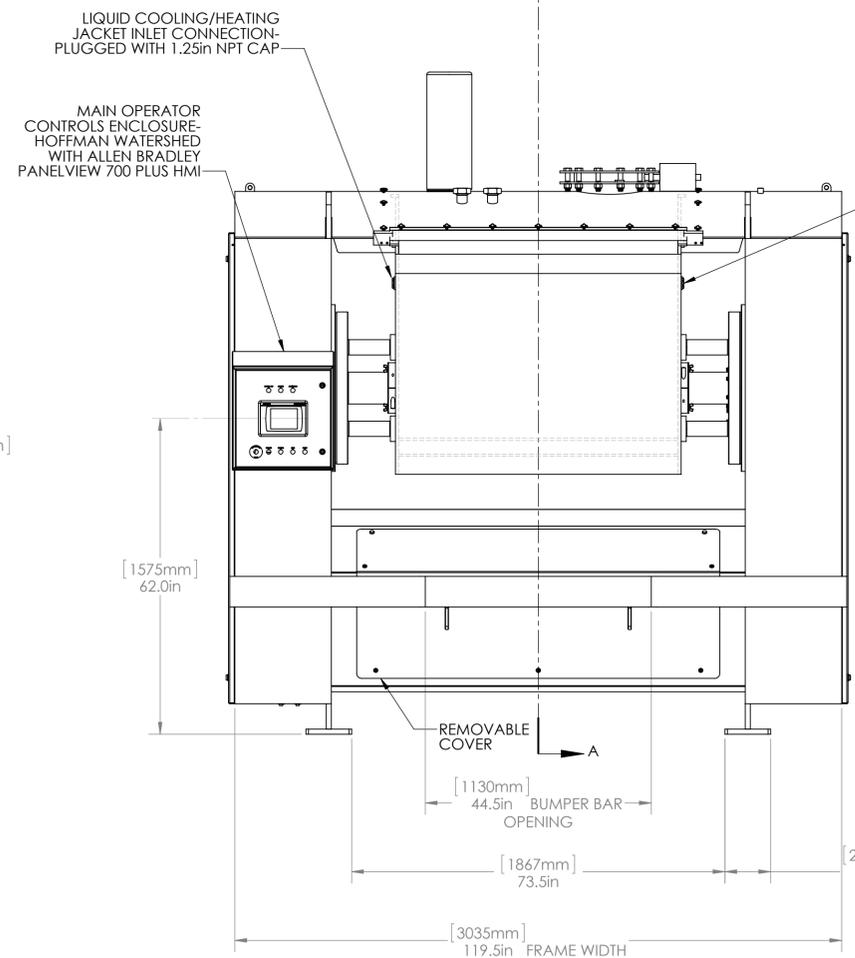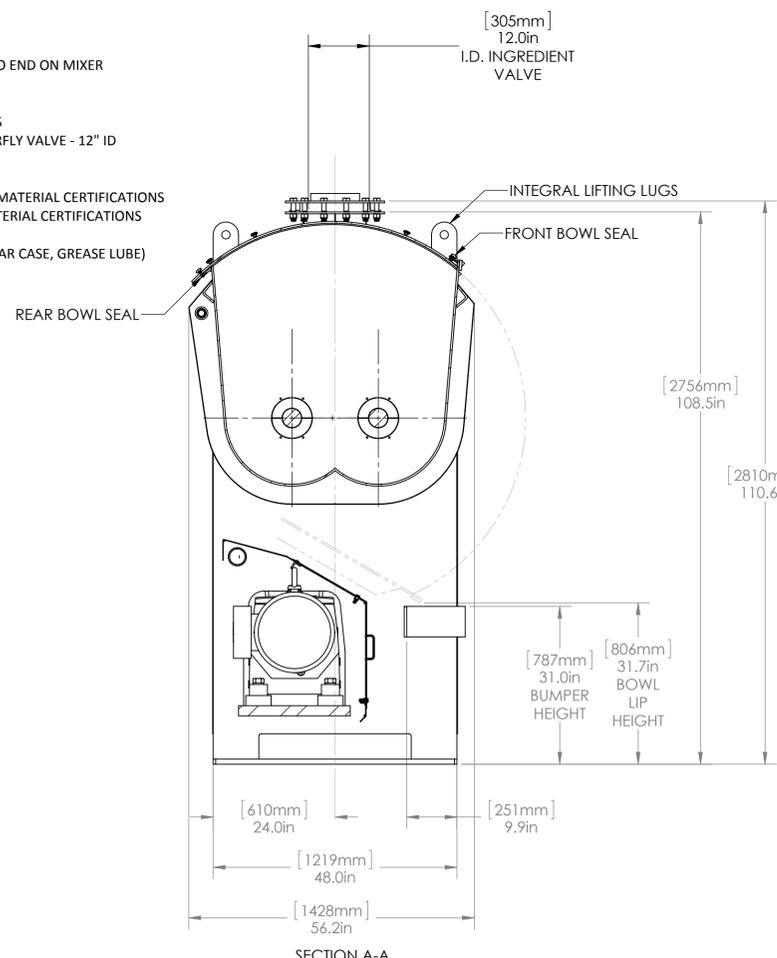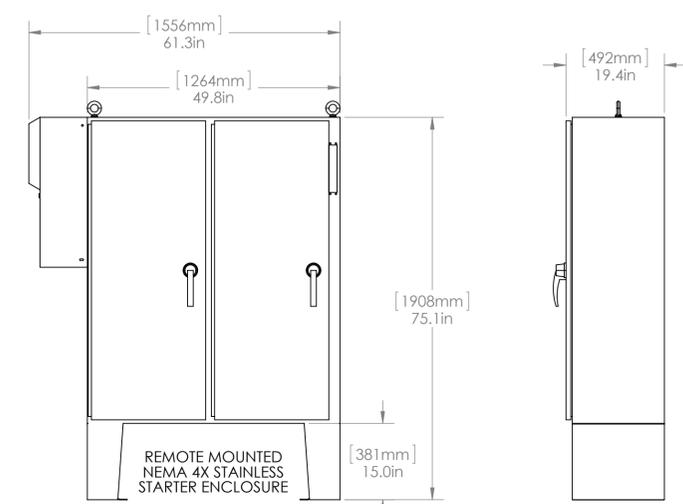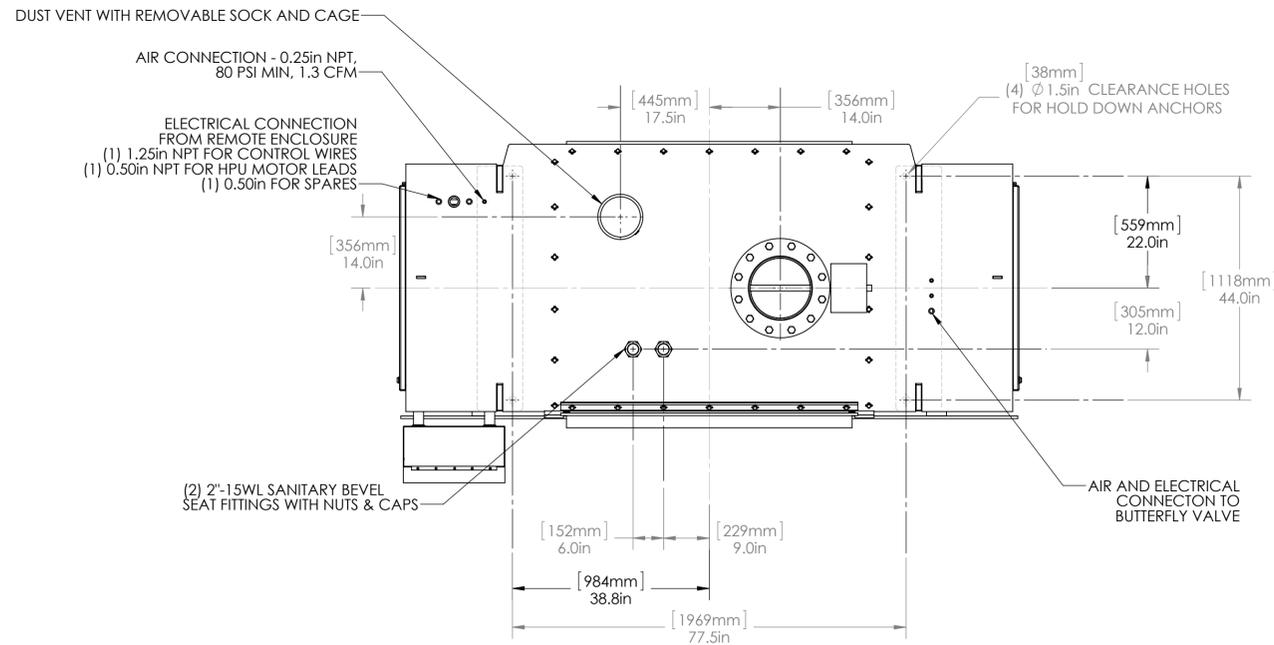5 H.P. HYDRAULIC POWER TILT

DRIVE SPECIFICATIONS:
60 H.P. WASH DOWN, INVERTER DUTY MOTOR
HEAVY DUTY NORD GEAR MOTOR
SINGLE END BELT DRIVE, GATES "POLYCHAIN" CARBON BELT

ELECTRICAL SPECIFICATIONS:
480 VOLTS, 3 PHASE, 60 HZ, 24 VDC CONTROL VOLTAGE
NEMA 4X STAINLESS STEEL (WATER TIGHT) OPERATOR CONTROLS ENCLOSURE
ALLEN BRADLEY PANELVIEW 700 PLUS HMI TOUCHSCREEN
REMOTE NEMA 4X STAINLESS (WATER TIGHT) VFD/PLC ENCLOSURE ENCLOSURE
ALLEN BRADLEY COMPACT LOGIX PLC
ALLEN BRADLEY POWERFLEX VARIABLE FREQUENCY DRIVE
SAFETY SWITCHES ON BOTH RH & LH END DOORS

CANOPY SPECIFICATIONS:
STAINLESS STEEL CANOPY - FULLY EXTENDED FROM END TO END ON MIXER
TWO SANITARY LIQUID INLET - 2" I.D. WITH NUTS & CAPS
FRONT AND REAR BOWL-EASLY REMOVABLE WITH KNOBS
UHMW SIDE BOWL SEALS-EASLY REMOVABLE WITH KNOBS
ONE PNEUMATICALLY OPERATED DRY INGREDIENT BUTTERFLY VALVE - 12" ID

CERTIFICATIONS:
ALL COMPONENTS IN CONTACT WITH PRODUCT TO HAVE MATERIAL CERTIFICATIONS
OTHER CUSTOMER SELECTED COMPONENTS TO HAVE MATERIAL CERTIFICATIONS
ALL ELECTRICAL COMPONENT SPECIFICATIONS
ALL FLUID SPECIFICATIONS (HYDRAULIC, GEAR MOTOR, GEAR CASE, GREASE LUBE)

DUST VENT WITH REMOVABLE SOCK AND CAGE

AIR CONNECTION - 0.25in NPT, 80 PSI MIN, 1.3 CFM

ELECTRICAL CONNECTION FROM REMOTE ENCLOSURE
(1) 1.25in NPT FOR CONTROL WIRES
(1) 0.50in NPT FOR HPU MOTOR LEADS
(1) 0.50in FOR SPARES

(4) ⌀ 1.5in CLEARANCE HOLES FOR HOLD DOWN ANCHORS

[445mm] 17.5in
[356mm] 14.0in
[38mm] 1.5in
[356mm] 14.0in
[559mm] 22.0in
[1118mm] 44.0in
[305mm] 12.0in

AIR AND ELECTRICAL CONNECTON TO BUTTERFLY VALVE

(2) 2"-15WL SANITARY BEVEL SEAT FITTINGS WITH NUTS & CAPS

[152mm] 6.0in
[229mm] 9.0in
[984mm] 38.8in
[1969mm] 77.5in

A

LIQUID COOLING/HEATING JACKET INLET CONNECTION- PLUGGED WITH 1.25in NPT CAP

MAIN OPERATOR CONTROLS ENCLOSURE- HOFFMAN WATERSHED WITH ALLEN BRADLEY PANELVIEW 700 PLUS HMI

LIQUID COOLING/HEATING JACKET OUTLET CONNECTION- PLUGGED WITH 1.25in NPT CAP

[1556mm] 61.3in
[1264mm] 49.8in
[492mm] 19.4in
[1908mm] 75.1in
[381mm] 15.0in

REMOTE MOUNTED NEMA 4X STAINLESS STARTER ENCLOSURE

[305mm] 12.0in I.D. INGREDIENT VALVE

INTEGRAL LIFTING LUGS
FRONT BOWL SEAL
REAR BOWL SEAL

[2756mm] 108.5in
[2810mm] 110.6in
[787mm] 31.0in BUMPER HEIGHT
[806mm] 31.7in BOWL LIP HEIGHT
[1575mm] 62.0in

REMOVABLE COVER
A

[610mm] 24.0in
[251mm] 9.9in
[1219mm] 48.0in
[1428mm] 56.2in

SECTION A-A

[1130mm] 44.5in BUMPER BAR OPENING
[1867mm] 73.5in
[229mm] 9.0in TYP
[3035mm] 119.5in FRAME WIDTH

TO MINIMIZE DELAYS IN SHIPMENT OF YOUR EQUIPMENT, REVIEW AND RETURN PRINTS A.S.A.P. PRODUCTION OF YOUR EQUIPMENT CANNOT START UNTIL APPROVED IS RECIEVED.

CUSTOMER APPROVAL STATUS

☐ APPROVED AS DRAWN. PROCEED WITH FABRICATION.

☐ APPROVED AS NOTED. REVISE AND PROCEED WITH FABRICATION.

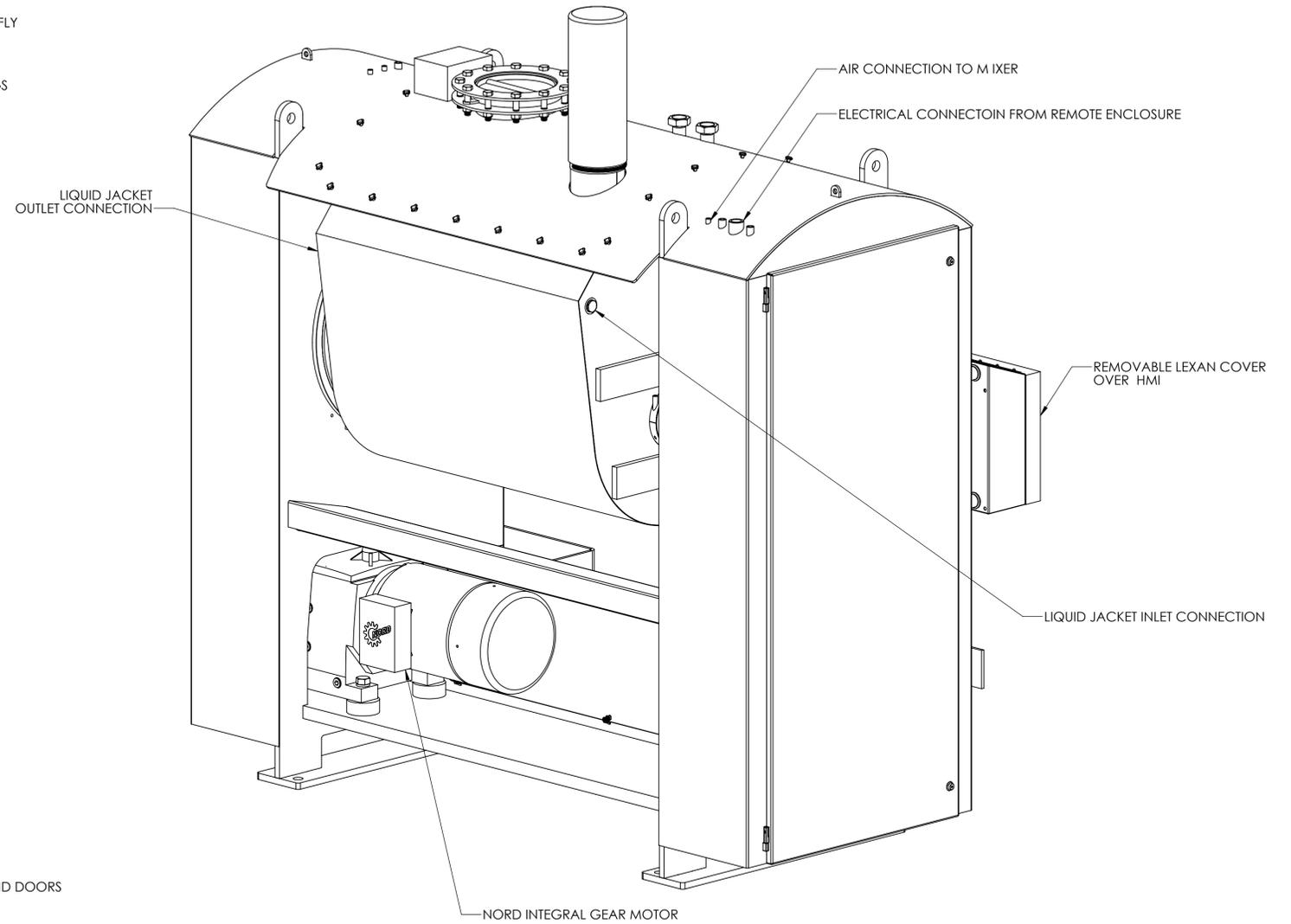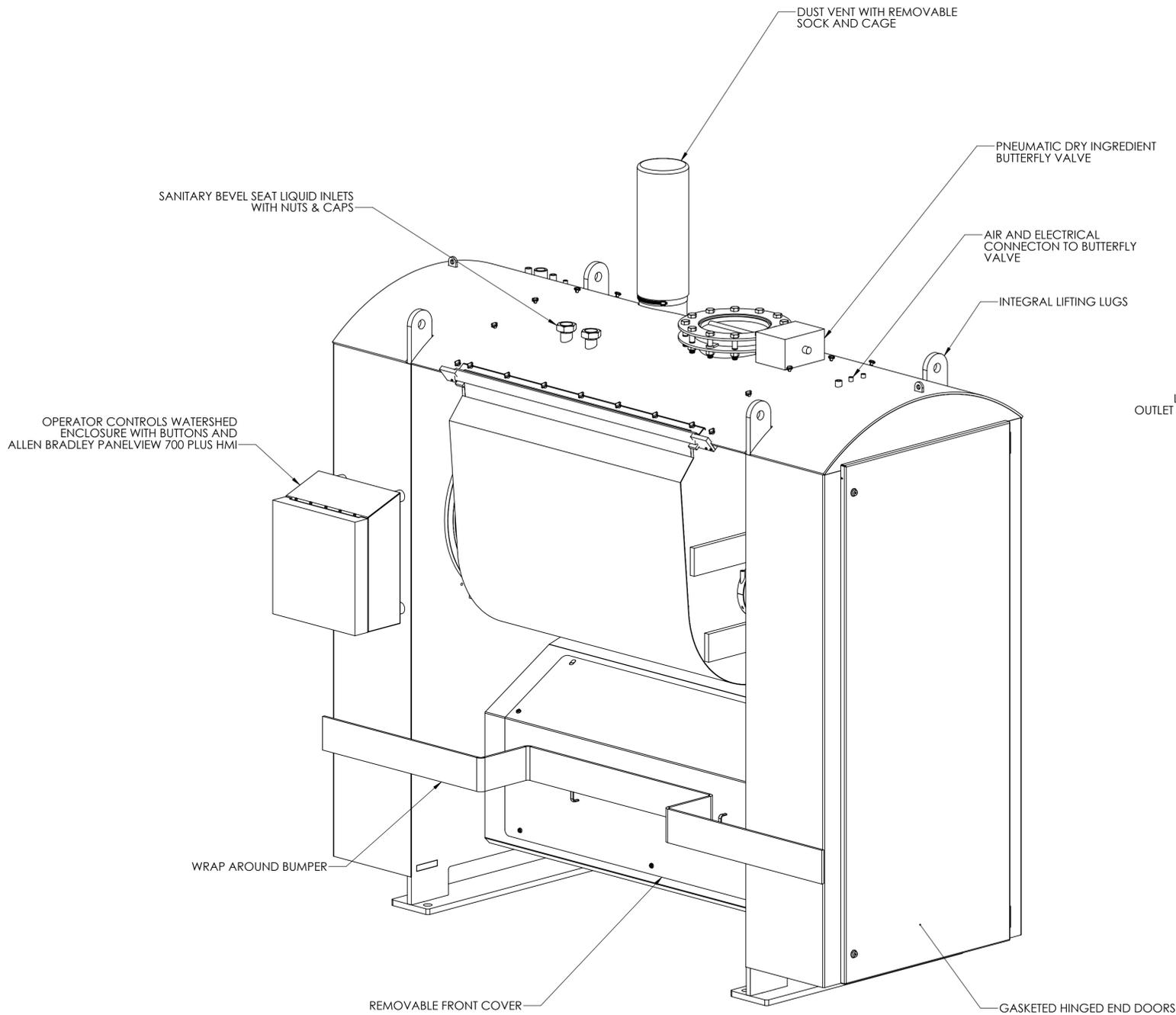☐ NOT APPROVED. REVISE AS NOTED AND RESUBMIT FOR APPROVAL.

SIGNED: _____
DATE: _____

REDUCER OIL - KLUBER 4 UH1-460N
GEAR CASE OIL - NEVASTANE EP 680
FOOD GRADE GREASE - MOBIL PYREX 462
HYDRAULIC SYSTEM OIL- NEVASTANE AW 32

PEERLESS MODEL DA300-60 DOUBLE ARM MIXER
FOR: NUTRAVAIL - CHANTILLY, VA
SERIAL NUMBER: 215118
P.O. NUMBER: LETTER OF INTENT

REVISION LEVEL: B

CERTIFIED DATA SHEET

DRAWN: R.Jacoby DATE: 1/20/2016
APPROVED: R.Jacoby DATE: 1/20/2016

SCALE: 1:18
PART: CDS215118
SHEET: 1 OF 2

REV.	DCR	ECR	DATE	DESCRIPTION	DRW	APP
A	37605		2/8/16	UPDATED CANOPY INLETS	RJ	RJ
B	37766		4/20/16	UPDATED BUMPER BAR, CANOPY	RJ	RJ

REVISIONS

DUST VENT WITH REMOVABLE
SOCK AND CAGE

PNEUMATIC DRY INGREDIENT
BUTTERFLY VALVE

SANITARY BEVEL SEAT LIQUID INLETS
WITH NUTS & CAPS

AIR AND ELECTRICAL
CONNECTON TO BUTTERFLY
VALVE

INTEGRAL LIFTING LUGS

OPERATOR CONTROLS WATERSHED
ENCLOSURE WITH BUTTONS AND
ALLEN BRADLEY PANELVIEW 700 PLUS HMI

AIR CONNECTION TO M IXER

ELECTRICAL CONNECTOIN FROM REMOTE ENCLOSURE

LIQUID JACKET
OUTLET CONNECTION

REMOVABLE LEXAN COVER
OVER HMI

LIQUID JACKET INLET CONNECTION

WRAP AROUND BUMPER

REMOVABLE FRONT COVER

GASKETED HINGED END DOORS

NORD INTEGRAL GEAR MOTOR

TO MINIMIZE DELAYS IN SHIPMENT OF
YOUR EQUIPMENT. REVIEW AND RETURN
PRINTS A.S.A.P. PRODUCTION OF YOUR
EQUIPMENT CANNOT START UNTIL
APPROVED IS RECIEVED.

CUSTOMER APPROVAL STATUS

☐ APPROVED AS DRAWN. PROCEED
WITH FABRICATION.

☐ APPROVED AS NOTED. REVISE
AND PROCEED WITH FABRICATION.

☐ NOT APPROVED.REVISE AS NOTED
AND RESUBMIT FOR APPROVAL.

SIGNED: _____
DATE: _____

PEERLESS MODEL DA300-60 DOUBLE ARM MIXER

FOR: NUTRAVAIL - CHANTILLY, VA
SERIAL NUMBER: 215118
P.O. NUMBER: LETTER OF INTENT

REVISION LEVEL: B

UNLESS OTHERWISE SPECIFIED
Machining Tolerances

Peerless®
THE PEERLESS GROUP
An ITW Company

500 S. VANDEMARK ROAD
SIDNEY, OH 45365-0769
937.492.4138

www.thepeerlessgroup.us

DESCRIPTION:

CERTIFIED DATA SHEET

MATERIAL:

DRAWN:	DATE:
R.Jacoby	1/20/2016
APPROVED:	DATE:
R.Jacoby	1/20/2016

SCALE: 1:12

PART: CDS215118

SHEET: 2 OF 2

DRAWING SIZE: D