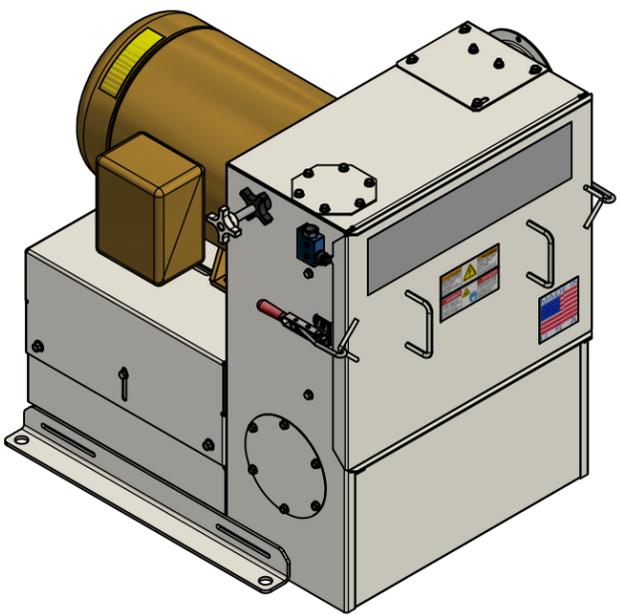
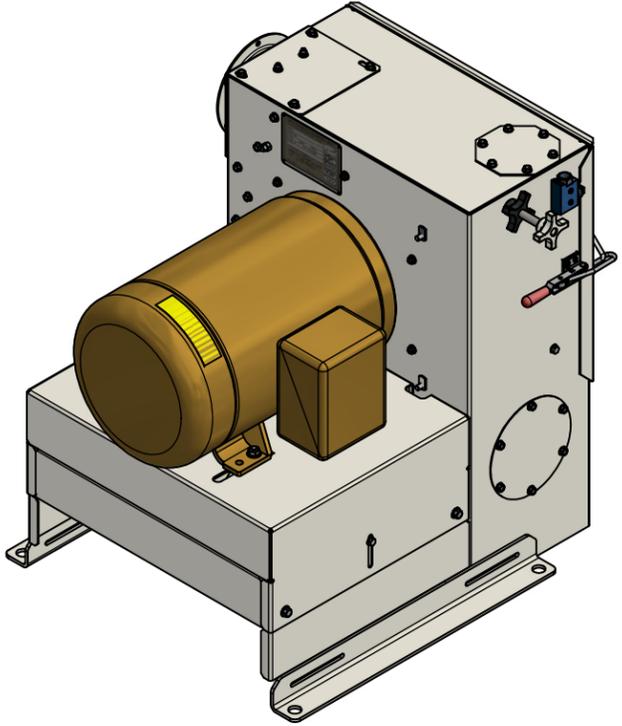
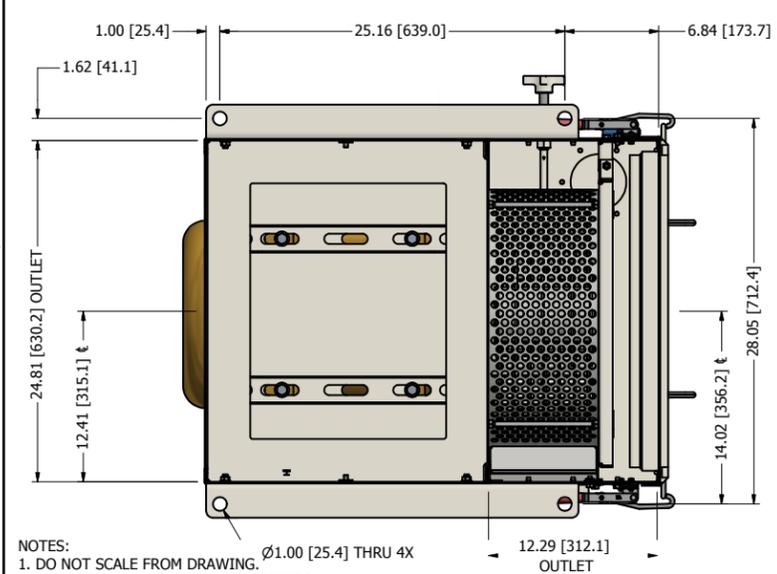
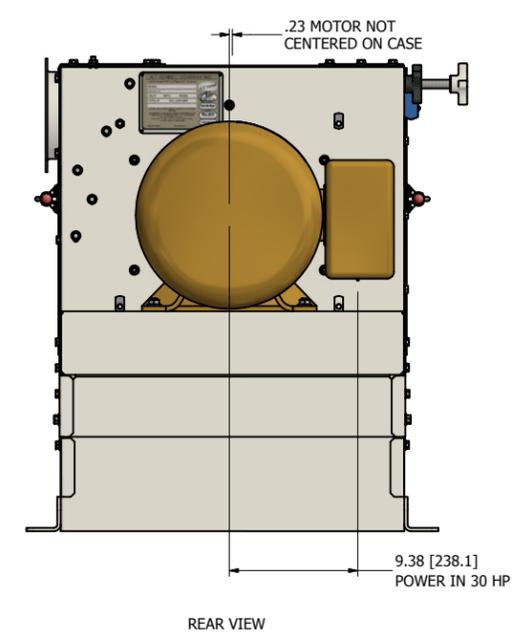
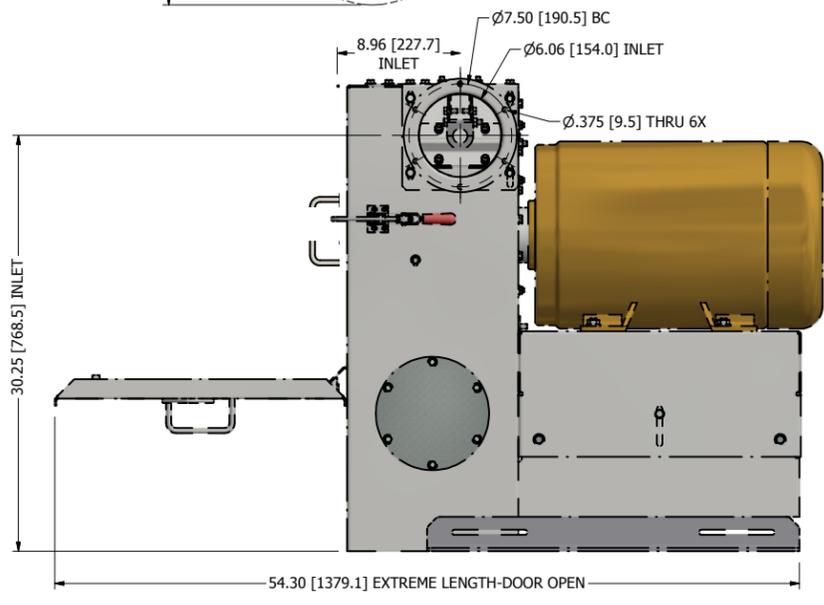
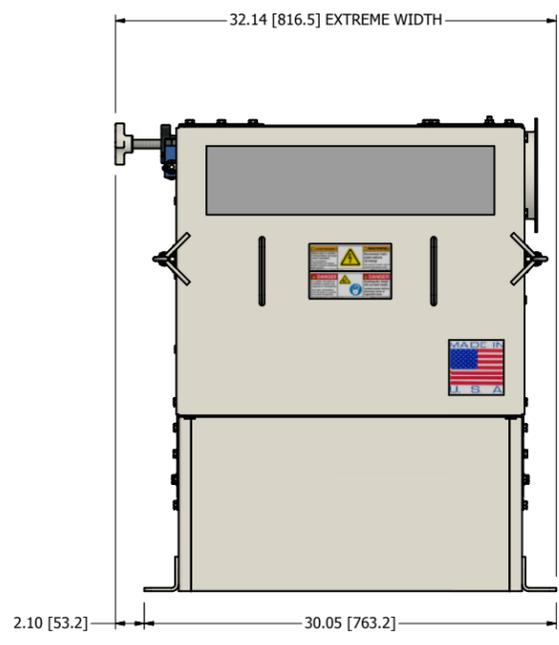
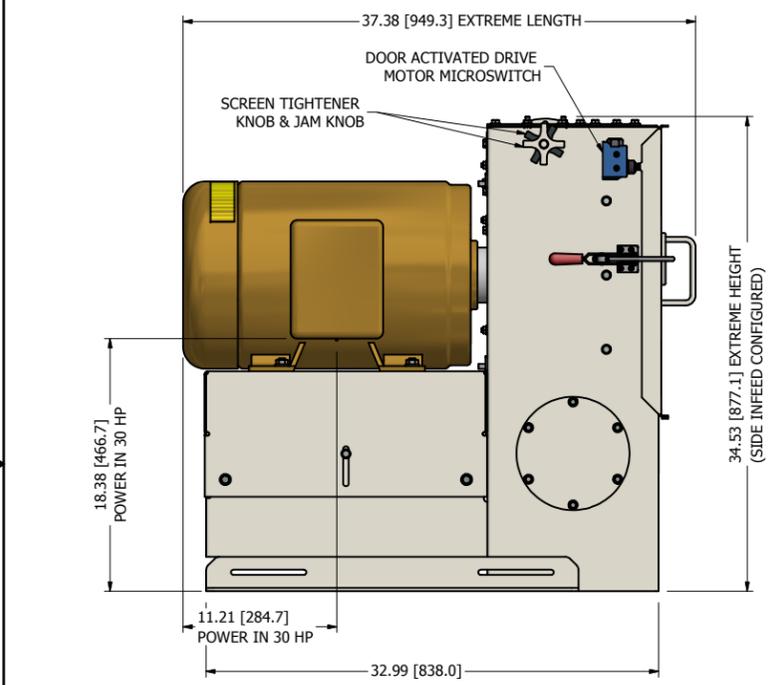


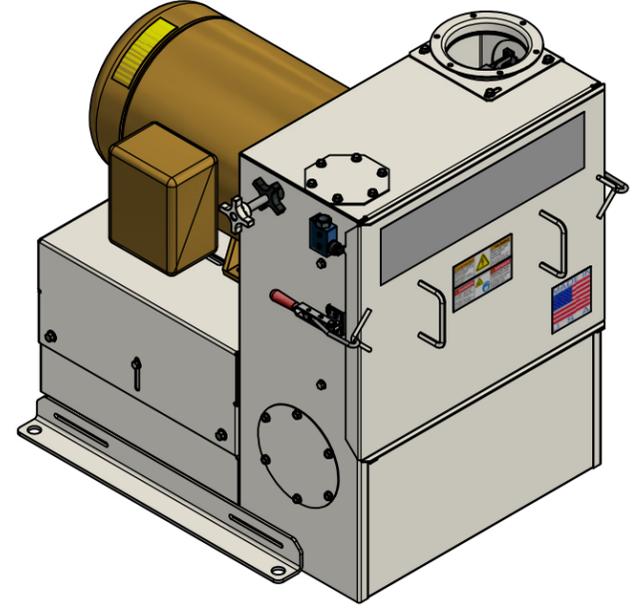
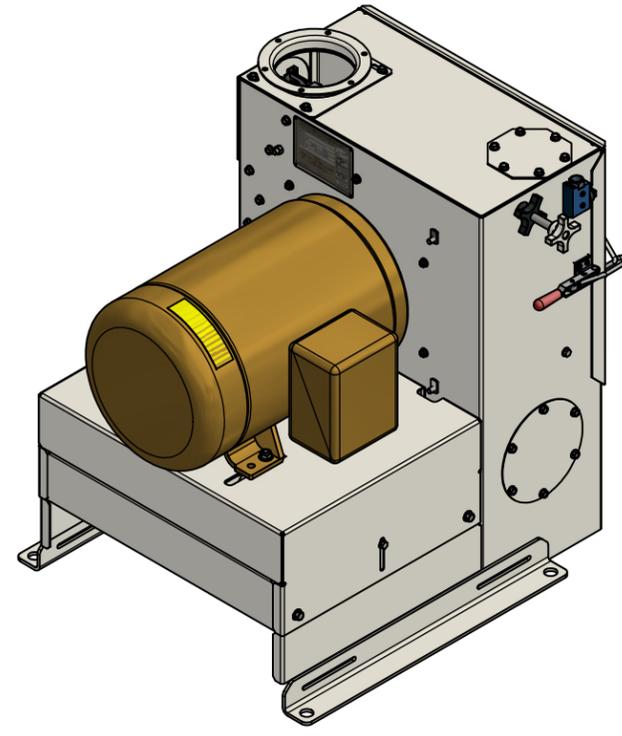
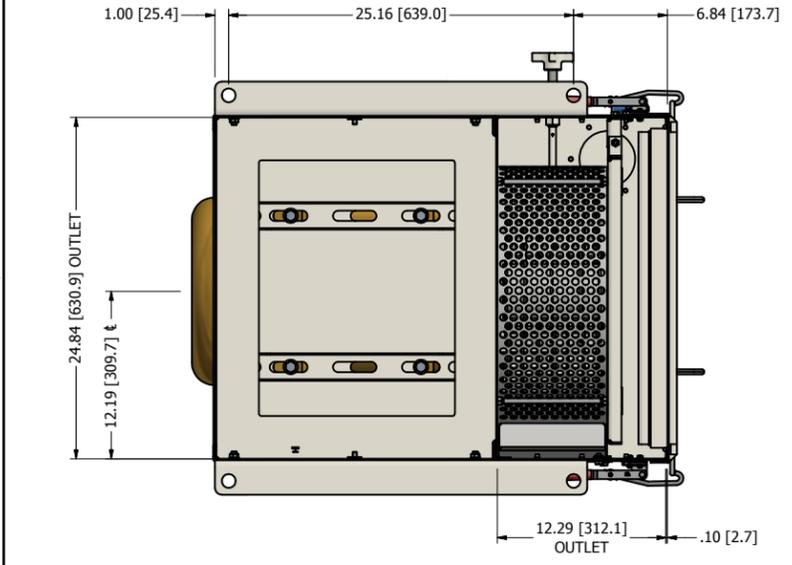
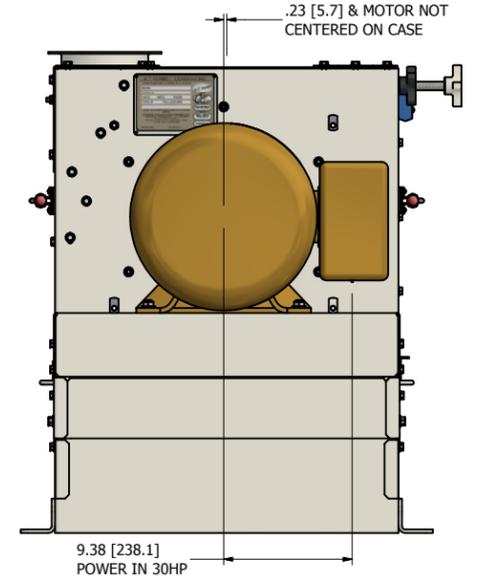
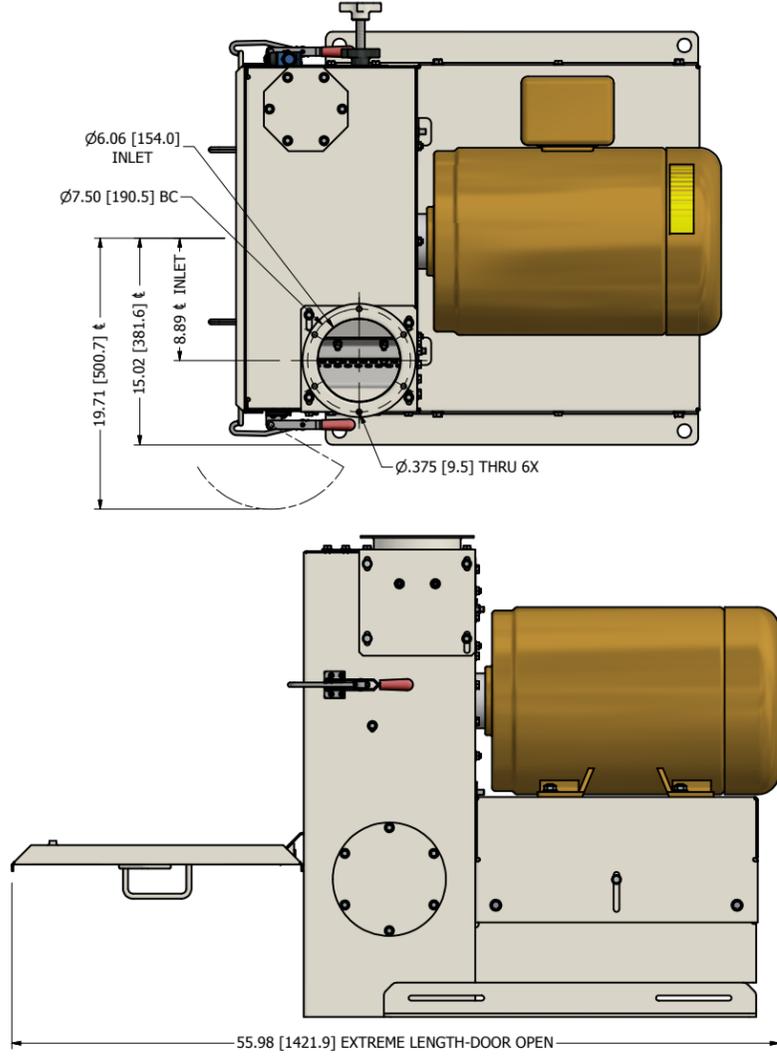
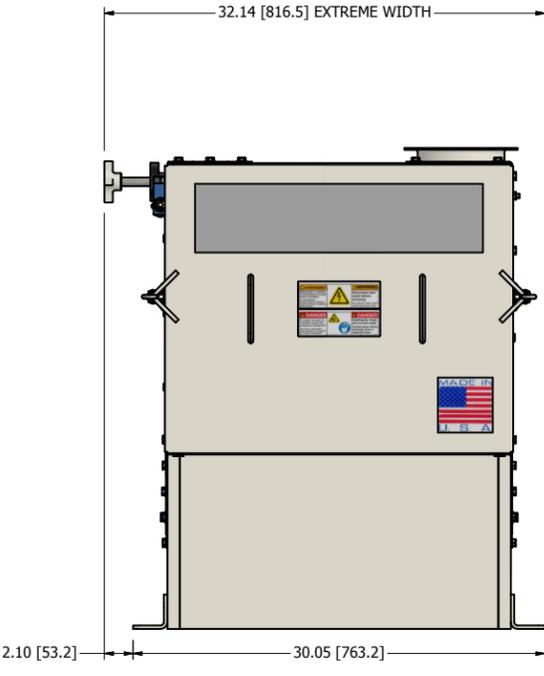
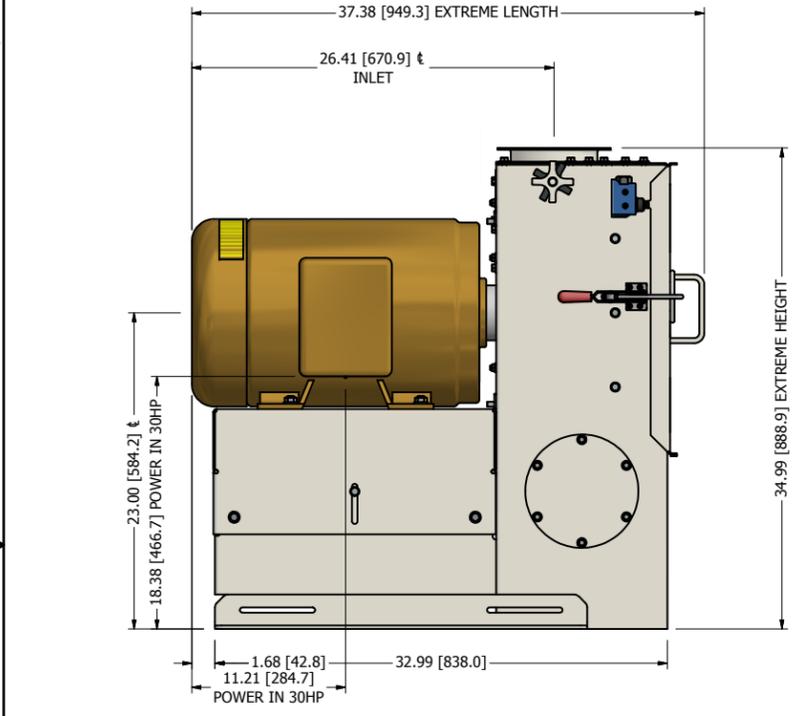
REVISION HISTORY				
REV	ECN	DESCRIPTION	DATE	APPROVED
A	120054	RELEASE	9/26/2012	jlmoss
B	130150	MAKE INLET BAFFLE AND LOWER SCREEN SUPPORT REPLACEABLE	10/24/2013	jlmoss
C	140146	ADD PAGES 3 & 4	11/6/2014	jlmoss



- NOTES:
- DO NOT SCALE FROM DRAWING.
  - ALT DIMENSIONS [X.X] IN MILLIMETERS.
  - RECOMMENDED MAINTENANCE CLEARANCE; FRONT: 36.00 [914.4], SIDE & REAR: 24.00 [609.6].
  - WEIGHT AS SHOWN WITH 30 HP DRIVE MOTOR: 657 LBS [298 KG].
  - SEE PAGE 2 FOR TOP INFEED CONFIGURATION.
  - SEE PAGE 3 FOR REPLACEABLE COMPONENT INSTRUCTIONS.
  - SEE PAGE 4 FOR MOTOR REPLACEMENT INSTRUCTIONS.

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	DECIMAL: .xxx ± .005 FRACTIONAL: ± 1/32 ANGULAR: ± 1/2	DIVISION OF A. T. FERRELL COMPANY FINISH: PAINT LT GRAY TITLE: MILL ASSY, DROP THRU, SENTRY 130 DATE: 7/12/2012	SCALE: 0.15:1 DRAWN BY: jlmoss SIZE: D	APPROVED BY: DMJ PART NUMBER: 92007100-I SHEET: 1 of 4
	BLUFFTON, INDIANA - USA			

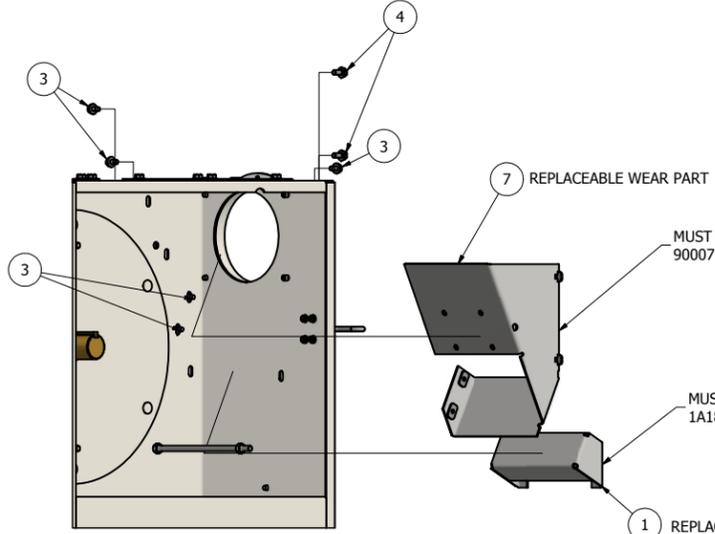
REVISION HISTORY				
REV	ECN	DESCRIPTION	DATE	APPROVED
A	120054	RELEASE	9/26/2012	jlmoss
B	130150	MAKE INLET BAFFLE AND LOWER SCREEN SUPPORT REPLACEABLE	10/24/2013	jlmoss
C	140146	ADD PAGES 3 & 4	11/6/2014	jlmoss



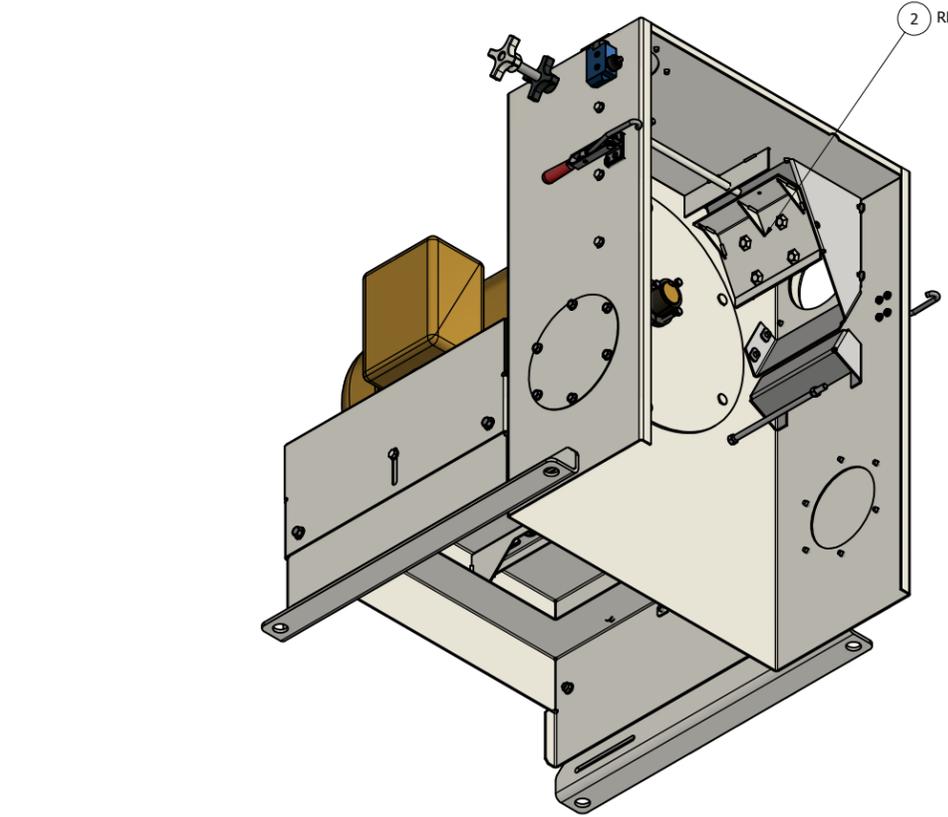
- NOTES:  
 1. DO NOT SCALE FROM DRAWING.  
 2. ALT DIMENSIONS [X.X] IN MILLIMETERS.  
 3. RECOMMENDED MAINTENANCE CLEARANCE; FRONT: 36.00 [914.4], SIDE & REAR: 24.00 [609.6].  
 4. WEIGHT AS SHOWN WITH 30 HP DRIVE MOTOR: 657 LBS [298 KG].  
 5. SEE PAGE 1 FOR SIDE INFEED CONFIGURATION.  
 6. SEE PAGE 3 FOR REPLACEABLE COMPONENT INSTRUCTIONS  
 7. SEE PAGE 4 FOR MOTOR REPLACEMENT INSTRUCTIONS.

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	FINISH: PAINT LT GRAY DECIMAL: .005 FRACTIONAL: 1/32 ANGULAR: 1/2	DIVISION OF A. T. FERRELL COMPANY SCALE: 0.15:1 DRAWN BY: jlmoss DATE: 7/12/2012	BLUFFTON, INDIANA - USA APPROVED BY: DMJ	TITLE: MILL ASSY, DROP THRU, SENTRY 130 SIZE: D PART NUMBER: 92007100-1 SHEET: 2 of 4

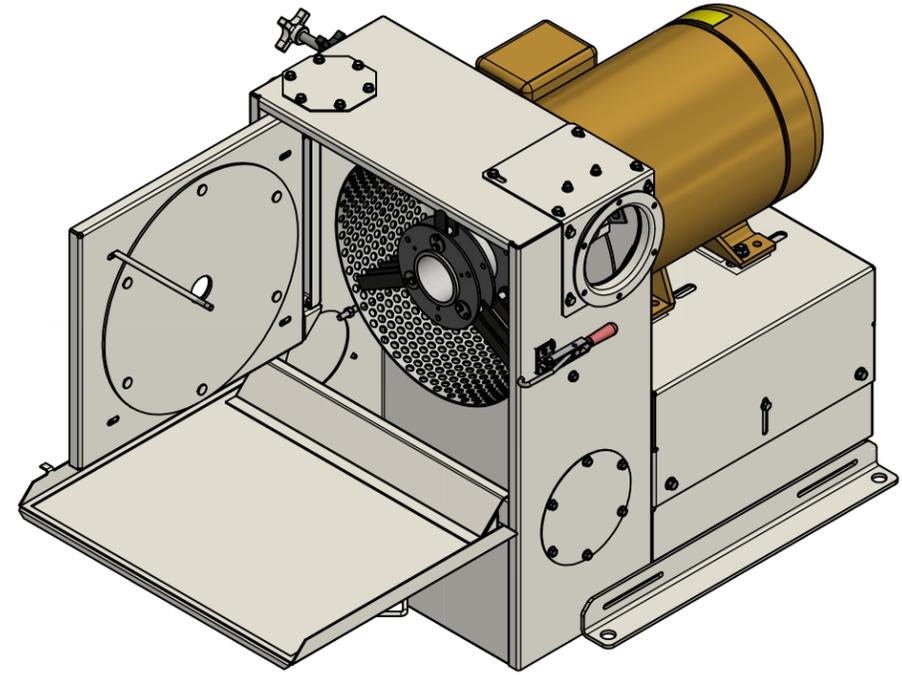
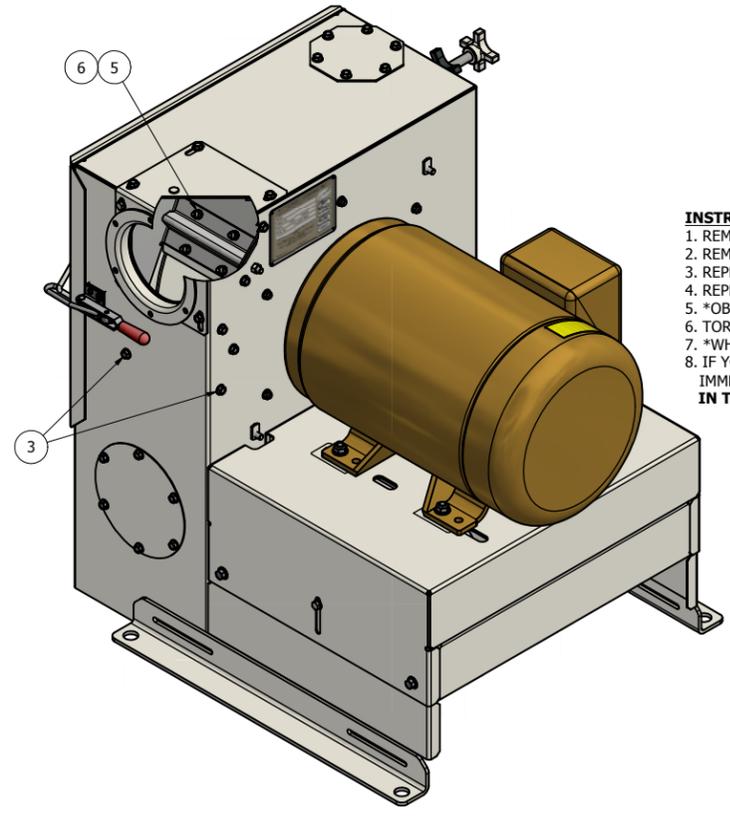
REV	ECN	DESCRIPTION	DATE	APPROVED
A	120054	RELEASE	9/26/2012	jlmoss
B	130150	MAKE INLET BAFFLE AND LOWER SCREEN SUPPORT REPLACEABLE	10/24/2013	jlmoss
C	140146	ADD PAGES 3 & 4	11/6/2014	jlmoss



**INSTRUCTIONS PN 90007140 REPLACEMENT:**  
 1. REMOVE SCREWS #65683817 ON SIDE OF MACHINE (ITEM #4, HOLDING 1/2 OF INLET FLANGE),  
 2. REMOVE SCREWS #65683812 ON REAR OF MACHINE (ITEM #3, HOLDING ONLY PN 90007140),  
 3. REMOVE AND REPLACE WEAR PART WLDMT (2A1461) ONTO NEW PN 90007140 (UNLESS REPLACING WEAR PART TOO),  
 4. PLACE PN90007140 (WITH WEAR PART WLDMT ATTACHED) BACK INTO PLACE IN MACHINE...TIGHT AGAINST TOP OF GRIND CHAMBER,  
 5. APPLY LOCKTITE #242 (BLUE) TO SCREWS FROM STEPS #1 & 2 ABOVE, AND REPLACE THEM,  
 6. TORQUE FASTENERS FROM STEPS #1 & 2 TO 11 FT-LB, WHILE HOLDING PN90007140 TIGHT TO TOP OF GRIND CHAMBER.  
 7. ALLOW OVERNIGHT FOR LOCKTITE TO DRY BEFORE OPERATING MACHINE.



**INSTRUCTIONS PN 1A1812 REPLACEMENT:**  
 1. REMOVE SCREWS #65683812 ON SIDE & REAR OF MACHINE (ITEM #3, WHICH HOLD ONLY PN 1A1812),  
 2. REMOVE WORN/DAMAGED PN 1A1812,  
 3. REPLACE W/ NEW PN 1A1812,  
 4. APPLY LOCKTITE #242 (BLUE) TO SCREWS #65683812 (ITEM #3 FROM STEP 1 ABOVE) AND REPLACE,  
 5. MOVE THE NEW PART UP/DOWN UNTIL THE HEADS OF THE SCREWS ALIGN IN THE SAME PLACE WHERE THEY WERE ORIGINALLY, BASED ON PAINT IMPRESSION ON OUTSIDE OF CASING, AND  
 6. TORQUE FASTENERS FROM STEPS #1/4 TO 11 FT-LB.  
 7. ALLOW OVERNIGHT FOR LOCKTITE TO DRY BEFORE OPERATING MACHINE.



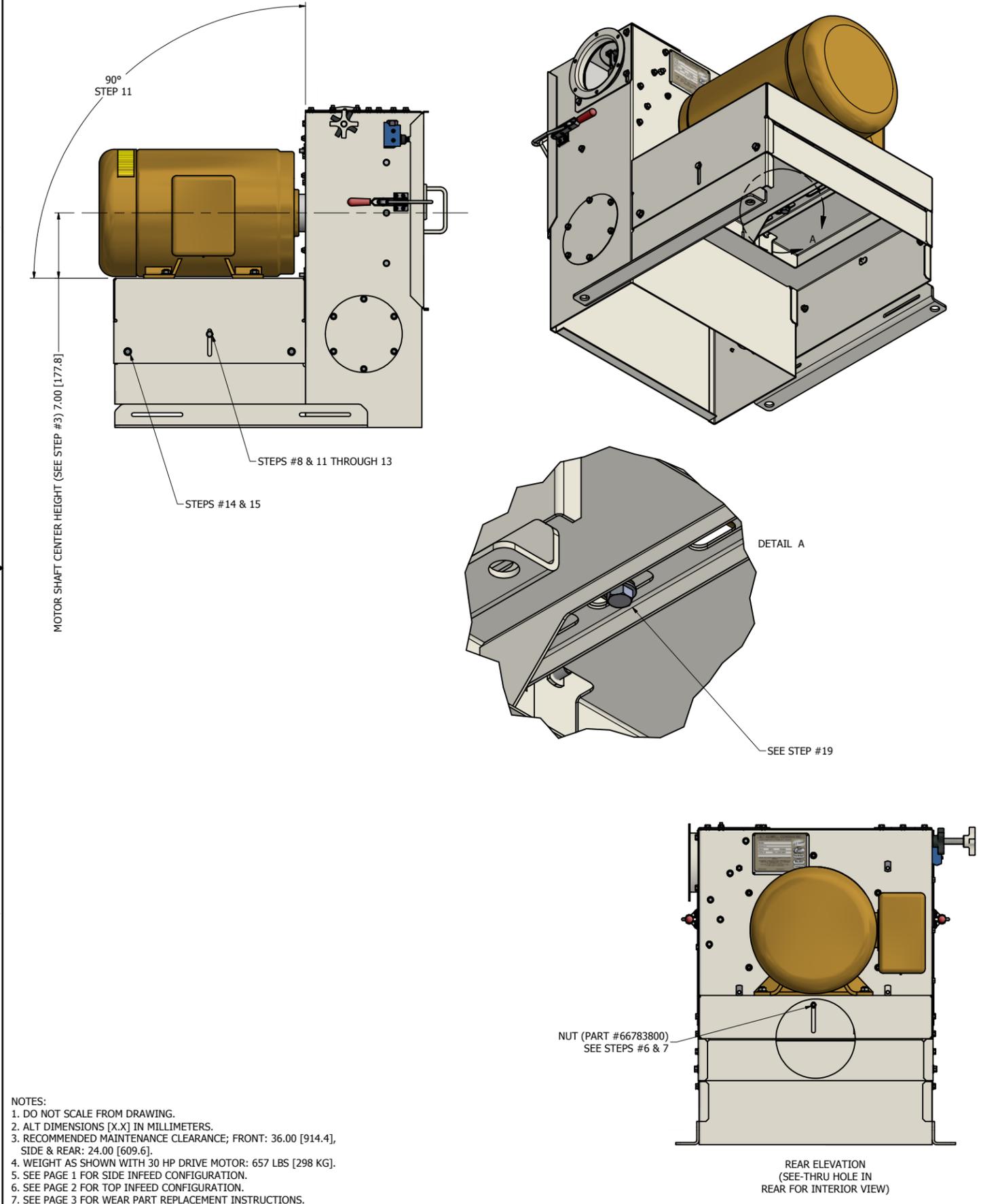
**INSTRUCTIONS PN 2A1461 REPLACEMENT:**  
 1. REMOVE NUTS #66083800 (ITEM #5) & WEDGE LOCK WASHERS #67193800 (ITEM #6) ON INSIDE OF PN90007140 AUGER BAFFLE 7 SET ASIDE FOR RE-USE,  
 2. REMOVE WORN/DAMAGED PN 2A1461 WEAR PLATE WLDMT,  
 3. REPLACE W/ NEW PN 2A1461,  
 4. REPLACE NUTS #66083800 & WEDGE LOCK WASHERS #67193800, ONE \*WASHER PAIR\* SET PER NUT,  
 5. \*OBSERVE PROPER CONFIGURATION WHEN PLACING WEDGE LOCK WASHER PAIR TOGETHER-ORIENT WEDGE-FACED FACES TOWARD ONE-ANOTHER (INBOARD)\*, &  
 6. TORQUE FASTENERS FROM STEP #4 TO 11 FT-LB.  
 7. \*WHEN USING THE WEDGE LOCK WASHER SYSTEM, AND PROPERLY ORIENTING THE WASHERS ON INSTALLATION, LOCKTITE IS COMPLETELY UNNECESSARY\*,  
 8. IF YOU LOSE **ANY** OF THE WEDGE LOCK WASHERS, USE LOCKTITE #242 (BLUE) ON THAT FASTENER, AND ORDER A WEDGE LOCK WASHER SET FOR REPLACEMENT IMMEDIATELY ON RECEIPT FROM A.T. FERRELL COMPANY. BE SURE TO ORDER USING THE CORRECT PN 68193800. **FAILURE TO UTILIZE WEDGE LOCK WASHERS IN THIS CRITICAL LOCATION VOIDS THE WARRANTY.** DO NOT FAIL TO ORDER THE WEDGE LOCK WASHER SET AND REPLACE THEM AS SOON AS THEY ARE RECEIVED.

**NOTES:**  
 1. DO NOT SCALE FROM DRAWING.  
 2. ALT DIMENSIONS [X.X] IN MILLIMETERS.  
 3. RECOMMENDED MAINTENANCE CLEARANCE; FRONT: 36.00 [914.4], SIDE & REAR: 24.00 [609.6].  
 4. WEIGHT AS SHOWN WITH 30 HP DRIVE MOTOR: 657 LBS [298 KG].  
 5. SEE PAGE 1 FOR SIDE INFEED CONFIGURATION.  
 6. SEE PAGE 2 FOR TOP INFEED CONFIGURATION.  
 7. SEE PAGE 4 FOR MOTOR REPLACEMENT INSTRUCTIONS.

ITEM	PART NUMBER	QTY	DESCRIPTION
7	90007140	1	AUGER BAFFLE WLDMT, 6", SENTRY 130
6	67193800	4	WASHER, WEDGE LOCK 316 SS .31"
5	66083800	4	NUT, HEX 5/16-18
4	65683817	2	HHCS, SERR WASHER HEAD, 5/16-18 X 3/4"
3	65683812	6	SCW, MACH HX WSH HD T/C 5/16-18 X 1/2"
2	2A1461	1	WEAR PLATE WLDMT, 8" AUGER BAFFLE, 188
1	1A1812	1	SUPPORT, LOWER SCREEN, 188 MILL

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	DECIMAL: .005 .01 .030 FRACTIONAL: 1/32 ANGULAR: 1/2			FINISH: PAINT LT GRAY SCALE: 0.15:1 DRAWN BY: jlmoss APPROVED BY: DMJ
	TITLE: MILL ASSY, DROP THRU, SENTRY 130			SHEET: 3 of 4
	DATE: 7/12/2012 SIZE: D PART NUMBER: 92007100-1			

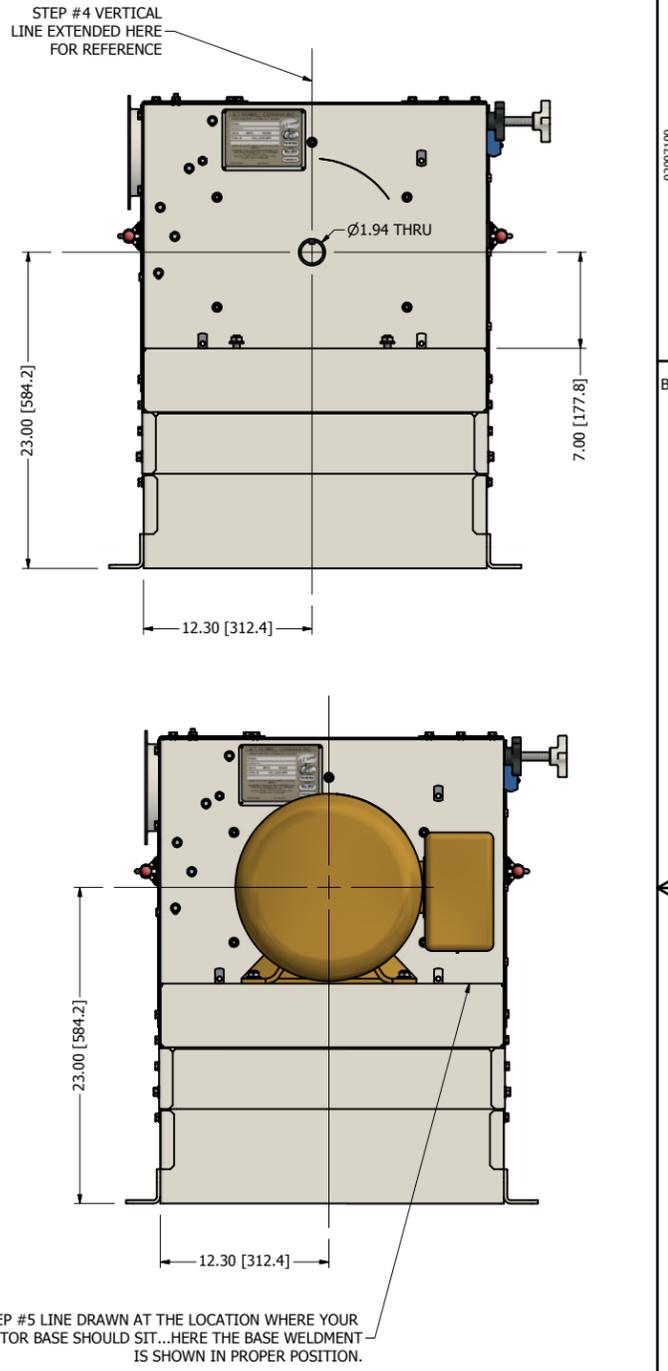
REVISION HISTORY				
REV	ECN	DESCRIPTION	DATE	APPROVED
A	120054	RELEASE	9/26/2012	jlmoss
B	130150	MAKE INLET BAFFLE AND LOWER SCREEN SUPPORT REPLACEABLE	10/24/2013	jlmoss
C	140146	ADD PAGES 3 & 4	11/6/2014	jlmoss



- NOTES:
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  - ALT DIMENSIONS [X.X] IN MILLIMETERS.
  - RECOMMENDED MAINTENANCE CLEARANCE; FRONT: 36.00 [914.4], SIDE & REAR: 24.00 [609.6].
  - WEIGHT AS SHOWN WITH 30 HP DRIVE MOTOR: 657 LBS [298 KG].
  - SEE PAGE 1 FOR SIDE INFEED CONFIGURATION.
  - SEE PAGE 2 FOR TOP INFEED CONFIGURATION.
  - SEE PAGE 3 FOR WEAR PART REPLACEMENT INSTRUCTIONS.

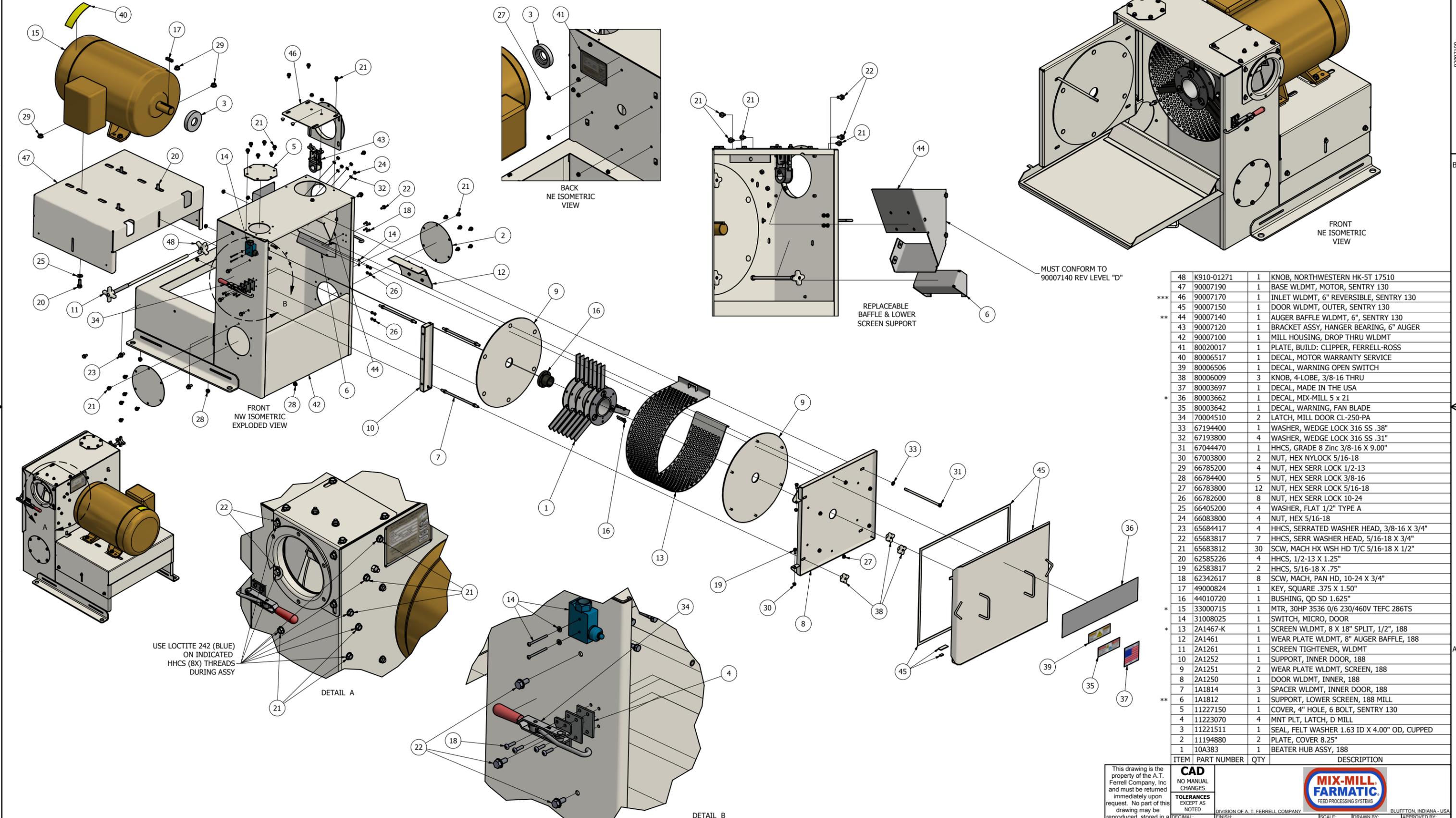
**MOTOR CHANGE/INSTALLATION INSTRUCTIONS (READ ENTIRE PROCEDURE BEFORE COMMENCING):**

- START WITH PART #90007190 (BASE WLDMT, MOTOR, SENTRY 130) REMOVED, AND ALL ASSOCIATED HARDWARE REMOVED FROM THE MACHINE GRIND CHAMBER WELDMENT;
- PLACE YOUR REPLACEMENT MOTOR ON A FLAT SURFACE, AND MEASURE THE DISTANCE PERPENDICULAR TO THAT FLAT SURFACE TO THE CENTER OF THE SHAFT;
- WRITE THAT DISTANCE DOWN FOR LATER REFERENCE (FOR MOTOR PART #30000715, THIS DISTANCE IS 7.00" [177.8]);
- USING A CARPENTER'S SQUARE, DRAW A VERTICAL LINE THROUGH CENTER OF THE  $\phi 1.94$ " HOLE IN THE CENTER REAR OF THE GRIND CHAMBER ON THE OUTSIDE, BELOW THE CENTER HOLE, THAT EXTENDS A LITTLE FARTHER THAN THE DISTANCE YOU WROTE DOWN FROM THE CENTER OF THE  $\phi 1.94$ " HOLE;
- PLACING ONE LEG OF THE CARPENTER'S SQUARE ALONG THE VERTICAL OUTER SIDE OF THE GRIND CHAMBER, DRAW A HORIZONTAL LINE THAT PASSES THROUGH THE MARK YOU MADE THROUGH THE CENTER VERTICAL LINE (THIS LINE IS EVEN WITH WHERE YOUR MOTOR BOTTOM WILL SIT WHEN YOU ARE FINISHED INSTALLING THE MOTOR);
- REMOVE THE NUT (PART #66783800) FROM THE REAR, BOTTOM STUD HOLDING THE INNER WEAR PLATE ON THE INSIDE OF THE GRIND CHAMBER;
- SLIDE THE BASE WELDMENT (PN 90007190) DOWN OVER THE TOP OF THE MOTOR SUPPORT BASE WITH THE SLOT POINTING FORWARD TO ALLOW THE LOWEST WEAR PLATE STUD TO ENGAGE THE SLOT...THEN START THE NUT (PN 66783800) BY HAND BACK ONTO THE STUD;
- PLACE THE TWO HHCS (PARTS #66583817) THROUGH THE VERTICAL HEIGHT ADJUSTMENT SLOTS ON THE MOTOR BASE SUPPORT WELDMENT AND START THEM BY HAND INTO THE WELD NUTS LOCATED AT THE SIDES OF THE MOTOR BASE SUPPORT WELDMENT;
- RAISE THE BASE WELDMENT UNTIL THE FRONT IS AT THE HEIGHT OF THE HORIZONTAL LINE YOU DREW ACROSS THE OUTSIDE OF THE GRIND CHAMBER BACK IN STEP #5;
- HOLDING THE FRONT OF THE BASE WELDMENT EVEN WITH THIS LINE, TIGHTEN THE NUT (PN 66783800) FROM STEPS 6 & 7 UNTIL SNUG, BUT NOT FINAL TORQUE;
- RETRIEVE THE CARPENTER'S SQUARE AND LIFT/LOWER THE REAR OF THE BASE WELDMENT AT EACH SIDE UNTIL IT IS PERPENDICULAR WITH THE MACHINE GRIND CHAMBER REAR, AND TIGHTEN THE HHCS (PN 66583817, FROM STEP #8) ON EACH SIDE IN ITS TURN TO SNUG, BUT NOT FINAL TORQUE;
- VERIFY THE HEIGHT AT THE FRONT OF THE BASE WELDMENT IS EVEN WITH THE HORIZONTAL LINE FROM STEPS #5 & 9, THEN TIGHTEN THE NUT (PN 66783800) TO FINAL TORQUE (RECOMMEND 11 FT LB);
- VERIFY EACH SIDE OF THE BASE WELDMENT IS PERPENDICULAR AND EVEN WITH THE LINE AT THE FRONT, THEN FINAL TORQUE (RECOMMEND 11 FT LB) THE HHCS (PN 66583817);
- USING AN ELECTRIC DRILL AND  $\phi 7/16$ " BIT, DRILL HOLES AT THE FOUR CORNERS IN THE SIDES OF THE BASE WELDMENT. FOR FIRST-TIME INSTALLATION, USE THE PUNCHED HOLES THAT ARE PROVIDED FROM THE FACTORY AS YOUR DRILL GUIDE. FOR SUBSEQUENT INSTALLATIONS OF A NEW MOTOR THAT LEAVES THE ALREADY DRILLED HOLES OUT OF ALIGNMENT, MARK AND DRILL AN ENTIRELY NEW HOLE (WITHIN AN INCH OF EACH OF 4 PUNCHED HOLES) THROUGH BOTH LAYERS OF SHEET METAL (CAUTION: MAKE SURE YOUR BASE WELDMENT IS PROPERLY LOCATED AND PERPENDICULAR TO THE REAR OF THE GRIND CHAMBER WHEN YOU DRILL THESE HOLES);
- INSERT HHCS (PN 65684417) AND INSTALL NUT (PN 66784400) INTO EACH OF THE FOUR HOLES DRILLED IN STEP #14 (USE BLUE LOCKTITE #242 ON ALL 4);
- FINALLY VERIFYING THAT YOUR BASE WELDMENT IS IN PROPERT POSITION, TIGHTEN THE FOUR 3/8-16 HHCS/NUT PAIRS TO FINAL TORQUE (RECOMMEND 20 FT-LB). YOU ARE NOW READY TO INSTALL THE MOTOR ONTO YOUR HAMMER MILL;
- PLACE THE MOTOR ON TOP OF THE SECURE BASE WELDMENT, AND PUT THE FELT SEAL (PN 11221511) IN PLACE, HOLLOW FACE TOWARD THE MOTOR;
- NOW SLIDE THE MOTOR FORWARD UNTIL ITS SHAFT PROTRUDES THROUGH THE  $\phi 1.94$ " HOLE AND INTO THE GRIND CHAMBER. **(NOTE: IF THE MOTOR IS OFF CENTER FROM THE HOLE, THEN STOP, DISMANTLE YOUR WORK, AND REINSTALL THE BASE WELDMENT PAYING CLOSER ATTENTION TO MEASURING AND MARKING THE MOTOR SHAFT CENTER DISTANCE FROM THE FLAT SURFACE IT SITS ON. USE GOOD JUDGEMENT...IF YOUR MOTOR IS OFF CENTER BY A TINY AMOUNT, ALL MAY BE WELL; BUT IF IT IS OFF CENTER ENOUGH TO CAUSE YOUR HAMMERS TO STRIKE EITHER THE SCREEN OR INTERNAL PARTS OF THE HAMMER MILL, THEN YOU MUST RE-LOCATE THE BASE WELDMENT).** LOCATE THE MOTOR BY CHECKING THAT THE SHAFT INSIDE THE GRIND CHAMBER IS PERPENDICULAR TO THE GRIND CHAMBER BACK OR WEAR PLATE, AND BE SURE THE MOTOR IS PUSHED UNTIL IT TIGHTLY COMPRESSES THE FELT SEAL;
- INSTALL THE MOTOR BASE SECURING HHCS AND NUT HARDWARE, AND TORQUE IN PLACE TO FINAL TORQUE (RECOMMEND 20 FT-LB). (HHCS PN: 62585226, FLAT WASHER PN: 66785200 & NUT PN: 66405200).
- NOW INSTALL YOUR HAMMER HEAD ASSEMBLY AND A SCREEN, AND CHECK THAT THE HAMMERS CLEAR ALL INTERNAL PARTS BY TURNING THE HEAD IN PLACE WITH A HAMMER EXTENDED AT BOTH THE FRONT AND THEN THE BACK OF THE HEAD ASSEMBLY.
- HOOK UP THE ELECTRICAL CONNECTIONS FOR YOUR MOTOR IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND PROPER PROCEDURES;
- WITH THE MOTOR, HEAD AND SCREEN ASSEMBLED PROPERLY, AND CLEARANCE CHECKED, NOW PROPERLY CLOSE INNER AND OUTER DOORS AND TEST-RUN THE MACHINE BY BUMPING THE MOTOR ON AND OFF. IF THERE ARE NO LOUD NOISES DUE TO COLLISIONS INSIDE THE MACHINE, YOU ARE READY TO PROCEED WITH YOUR INSTALLATION OF CONVEYOR EQUIPMENT AND TEST-RUN THE MACHINE WITH PRODUCT.
- ONCE YOUR MACHINE IS IN OPERATION, SET UP PREVENTIVE MAINTENANCE CHECK PROCEDURES TO ENSURE THAT NORMAL VIBRATION DURING RUNNING DOES NOT WORK YOUR VARIOUS BOLT AND NUT CONNECTIONS LOOSE. A CHECK OF NUT AND BOLT TIGHTNESS AT LEAST ONCE EVERY WEEK IS NECESSARY.



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	<b>TOLERANCES EXCEPT AS NOTED</b>	DIVISION OF A. T. FERRELL COMPANY BLUFFTON, INDIANA - USA	APPROVED BY: DMJ	
	DECIMAL: .005 XX ± .030 FRACTIONAL: 1/32 ANGULAR: ± 1/2	FINISH: PAINT LT GRAY SCALE: 0.15:1 DATE: 7/12/2012	DRAWN BY: jlmoss	SHEET: 4 of 4
	TITLE: MILL ASSY, DROP THRU, SENTRY 130	SIZE: D PART NUMBER: 92007100-I		

REV	ECN	DESCRIPTION	DATE	APPROVED
A	120054	RELEASE	9/10/2013	jlmoss
B	130150	MAKE AUGER BAFFLE & LWR SCR N SPT REPLACEABLE.	10/24/2013	jlmoss
C	140071	ADD WEDGE-LOCK WASHERS @ WEAR PLATE WLDMT & CHG SERR NUTS FOR STD HEX NUTS; LOCTITE #242 (BLUE) 8X BAFFLE HHCS	8/12/2016	jlmoss



- NOTES:
- DO NOT SCALE FROM DRAWING.
  - \* NOT INCLUDED IN BOM. SALES ORDER LINE ITEM.
  - \*\* BLUE LOCKTITE #242 ALL ASSEMBLY SCREWS.
  - \*\*\* BLUE LOCKTITE #242 FRONT TWO ASSEMBLY SCREWS ON VERTICAL SIDE.

ITEM	PART NUMBER	QTY	DESCRIPTION	
48	K910-01271	1	KNOB, NORTHWESTERN HK-ST 17510	
47	90007190	1	BASE WLDMT, MOTOR, SENTRY 130	
***	90007170	1	INLET WLDMT, 6" REVERSIBLE, SENTRY 130	
45	90007150	1	DOOR WLDMT, OUTER, SENTRY 130	
**	90007140	1	AUGER BAFFLE WLDMT, 6", SENTRY 130	
43	90007120	1	BRACKET ASSY, HANGER BEARING, 6" AUGER	
42	90007100	1	MILL HOUSING, DROP THRU WLDMT	
41	80020017	1	PLATE, BUILD: CLIPPER, FERRELL-ROSS	
40	80006517	1	DECAL, MOTOR WARRANTY SERVICE	
39	80006506	1	DECAL, WARNING OPEN SWITCH	
38	80006009	3	KNOB, 4-LOBE, 3/8-16 THRU	
37	80003697	1	DECAL, MADE IN THE USA	
*	36	80003662	1	DECAL, MIX-MILL 5 x 21
35	80003642	1	DECAL, WARNING, FAN BLADE	
34	70004510	2	LATCH, MILL DOOR CL-250-PA	
33	67194400	1	WASHER, WEDGE LOCK 316 SS .38"	
32	67193800	4	WASHER, WEDGE LOCK 316 SS .31"	
31	67044470	1	HHCS, GRADE 8 Zinc 3/8-16 X 9.00"	
30	67003800	2	NUT, HEX NYLOCK 5/16-18	
29	66785200	4	NUT, HEX SERR LOCK 1/2-13	
28	66784400	5	NUT, HEX SERR LOCK 3/8-16	
27	66783800	12	NUT, HEX SERR LOCK 5/16-18	
26	66782600	8	NUT, HEX SERR LOCK 10-24	
25	66405200	4	WASHER, FLAT 1/2" TYPE A	
24	66083800	4	NUT, HEX 5/16-18	
23	65684417	4	HHCS, SERRATED WASHER HEAD, 3/8-16 X 3/4"	
22	65683817	7	HHCS, SERR WASHER HEAD, 5/16-18 X 3/4"	
21	65683812	30	SCW, MACH HX WSH HD T/C 5/16-18 X 1/2"	
20	62585226	4	HHCS, 1/2-13 X 1.25"	
19	62583817	2	HHCS, 5/16-18 X .75"	
18	62342617	8	SCW, MACH, PAN HD, 10-24 X 3/4"	
17	49000824	1	KEY, SQUARE .375 X 1.50"	
16	44010720	1	BUSHING, QD SD 1.625"	
*	15	33000715	1	MTR, 30HP 3536 0/6 230/460V TEFC 286TS
14	31008025	1	SWITCH, MICRO, DOOR	
*	13	2A1467-K	1	SCREEN WLDMT, 8 X 18" SPLIT, 1/2", 188
12	2A1461	1	WEAR PLATE WLDMT, 8" AUGER BAFFLE, 188	
11	2A1261	1	SCREEN TIGHTENER, WLDMT	
10	2A1252	1	SUPPORT, INNER DOOR, 188	
9	2A1251	2	WEAR PLATE WLDMT, SCREEN, 188	
8	2A1250	1	DOOR WLDMT, INNER, 188	
7	1A1814	3	SPACER WLDMT, INNER DOOR, 188	
**	6	1A1812	1	SUPPORT, LOWER SCREEN, 188 MILL
5	11227150	1	COVER, 4" HOLE, 6 BOLT, SENTRY 130	
4	11223070	4	MNT PLT, LATCH, D MILL	
3	11221511	1	SEAL, FELT WASHER 1.63 ID X 4.00" OD, CUPPED	
2	11194880	2	PLATE, COVER 8.25"	
1	10A383	1	BEATER HUB ASSY, 188	

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**CAD**  
NO MANUAL CHANGES

**TOLERANCES**  
EXCEPT AS NOTED

DECIMAL: .005  
XX ± .030

FRACTIONAL: 1/32  
± 1/32

ANGULAR: ± 1/2

DIVISION OF A. T. FERRELL COMPANY  
BLUFFTON, INDIANA - USA

FINISH: PAINT LT GRAY

SCALE: 0.12:1

DRAWN BY: jlmoss

APPROVED BY: DMJ

TITLE: MILL ASSY, DROP THRU, SENTRY 130

DATE: 7/12/2012

SIZE: D

PART NUMBER: 92007100

SHEET: 1 of 1