NOTES:

1. SEE SHT 3 FOR SECTION A-A, SECTION THRU DRIVE AND SCOTCH-PLY CONN. TO CASE AND BASE.
2. MOTOR AND DRIVE SHEAVE PER ORDER.
3. INLET AND DISCH. STOCKINGS, PC. 68, AND CLAMPS, PC. 69, TO BE SHIPPED LOOSE.
4. REFER TO MANUAL FOR INLET AND DISCH. STOCKING INSTALL. 11" TO 12" DISTANCE BETWEEN ENDS OF CONNECTING FIXTURES.
5. THIS MACHINERY MUST BE EFFECTIVELY GROUNDED FOR PERSONNEL SAFETY IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE ARTICLE 250.
6. STATIC LOADS & DYNAMIC FORCES:
   STATIC LOAD = 4,000 LB. DRIVE END.
   = 2,700 LB. DISCHARGE END.
   VERTICAL DYNAMIC FORCE = 220LB. MAX. EACH CORNER.
   HORIZONTAL DYNAMIC FORCE = 1,500 LB.
   (THIS LOAD REVERSES - FORE TO AFT FOR EACH CYCLE.)
   SIDE TO SIDE = 1,000 LB.
   (THIS LOAD REVERSES ONCE EACH CYCLE.)
   ALSO CONSULT OPERATION MANUAL.
   NOTE: SUPPORTING STRUCTURE FOR ROTO-SHAKER SHOULD BE CALCULATED TO HAVE A CRITICAL FREQUENCY 200% ABOVE THE FREQUENCY OF THE DISTURBING FORCE.
7. SAFETY RULES SHIPPED WITH UNIT MACHINE TO BE POSTED IN A CONSPICIOUS LOCATION IMMEDIATELY ADJACENT TO UNIT MACHINE.
8. REF. SCOTCH-PLY PER DWG. A2427-162.
   REF. BALANCE WEIGHT PER DWG. B3840-044.

ASSY OR PT NO & QTY				PC NO	DESCRIPTION | PATT NO	MATL SPEC	DWG, PT OR PC NO
03	02	01	00		QUANTITIES ARE FOR ONE UNIT		
			2	57	V-BELT, B97		WA02729
			4	58	SCREW, CAP, HEX HD, 3/8-16UNC X 1-1/2 LG. GR5	STL.	WA45777
			1	59	GUARD, BOTTOM DRIVE	HRS	C3891-079-00
			1	60	GUARD, BOTTOM DRIVE	HRS	C3891-080-00
			1	61	GUARD, TOP DRIVE	HRS	B3846-071/01
			1	62	GUARD, MOTOR DRIVE	HRS	C3891-159-00
			30	63	SCREW, CAP, HEX HD, 3/8-16UNC X 1/2 LG. GR5	STL.	WA45621
			48	64	SCREW, CAP, HEX HD, 1/2-13UNC X 4" LG. GR5	STL.	WA45634
			54	65	WASHER, LOCK, 1/2 SPLIT	STL.	WA01365
			48	66	WASHER, PLAIN, 1/2	STL.	WA01349
			4	67	NUT, HEX. HD., 7/8-9 UNC	STL.	WA01316
			6	68	STOCKING, 12 DIA. X 16 LG. PURE GUM	RUBBER	WA64472
			12	69	CLAMP, AERO-QUIP NO. QS200-M200S	SST.	WA27546
			6	70	KNOB, HAND, 1/2-13UNC	STL.	A2072-027/01
			128	71	BALL, CLEANER, 1-3/8 DIA.	RUBBER	A1142-064/01

ASSY OR PT NO & QTY				PC NO	DESCRIPTION | PATT NO	MATL SPEC	DWG, PT OR PC NO
03	02	01	00		QUANTITIES ARE FOR ONE UNIT		
			X	01	ROTO-SHAKER, 4-1/2 X 8 TWO IN ONE		
					W/ SELF TENSIONING SCREEN		
			1	02	BASE	HRS	D1592-093-00
			1	03	BARREL, DRIVE HOUSING	HRS	D3968-056-00
			12	04	SCREW, CAP, HEX HD, 3/4-10UNC X 2-3/4 LG. GR5	STL	WA45865
			15	05	WASHER, LOCK, 3/4 SPLIT	STL	WA01364
			9	06	NUT, HEX, 3/4 (FIN)	STL	WA24949
			1	07	BRG., FAFNIR, LCJO 2-15/16 BORE		WA44486
			8	08	SCREW, CAP, HEX HD, 7/8-9UNC X 3 LG. GR. 5	STL	WA45982
			8	09	WASHER, LOCK, 7/8 SPLIT	STL	WA01351
			8	10	WASHER, PLAIN, 7/8	STL	WA06781
			2	11	BRG., REXNORD #XBC311, 3-11/16 BORE		B4506-003/01
			12	12	WASHER, PLAIN, 3/4	STL	WA01355
			1	13	SHAFT, DRIVE	HRS	B3835-019/01
			1	14	BUSHING, "E", 2-3/4 BORE, 5/8 X 5/16 KWY.		WA30590
			1	15	KEY, STR, RD/SQ. ENDS 5/8 SQ. X 3-1/4 LG.	CFS	A2375-270/21
			1	16	SHEAVE, DRIVEN, 25.0 P.D., 4 GR., "B" SECT.,		
					"E" HUB	HRS	WA44757
			3	17	HOSE, FLEX LUB, LINCOLN NO. 75918, 18 LG.	RUBBER	WA47437
			3	18	COUPLING, PIPE, SCR'D., 1/8 NPT	STL	WA39901
			3	19	FTG., GREASE, STR. THD, 1/8 ALEMITE NO. 1607	STL	WA45426
			2	20	STRAP, 1/2 PIPE	STL.	WA02415
			4	21	SCREW, MACH., HEX. HD., 1/4 X 1/2 LG.	STL.	WA45966
			30	22	NUT, HEX. HD., 1/2-13UNC	STL.	WA24946
			1	23	KEY, STR., RD./SQ. 1 SQ. X 1-1/2 LG.	CFS	A2375-300/03
			1	24	SCREW, CAP, HEX HD, 3/4-10UNC X 6-1/2LG. GR. 5	STL	WA45874
			1	25	BRACKET, PIN	HRS	B3840-017-00
			2	26	SCREW, CAP, HEX HD, 3/4 X 2 LG. GR5	STL	WA45625
			2	27	SCREW, CAP, HEX HD, 1 X 3-1/4 LG. GR5	STL	WA55158
			2	28	WASHER, LOCK, 1 SPLIT	STL	WA01367
			1	29	SPACER, BRACKET PIN	STL	A2482-037/01
			1	30	CASE	HRS	D1591-223-00
			1	31	HOPPER, CASE	HRS	D1591-224-00
			60	32	SCREW, CAP, HEX HD, 3/8 X 1 LG. GR5	STL	WA45895
			64	33	WASHER, LOCK, 3/8 SPLIT	STL	WA01363
			64	34	NUT, HEX, 3/8	STL	WA24944
			48	35	SCREW, CAP, HEX HD, 3/8 X 3-1/4 LG. GR5	STL	WA45609
			2	36	WASHER, PLAIN, 1 DIA.	STL	WA01358
			4	37	PLATE, RETAINER, 3/4"	HRS	A2427-160/02
			16	38	PLATE, RETAINER, 3/8"	HRS	A2427-160/01
			32	39	SPACER,	POLYETHYLENE	A2427-161/01
			4	40	WASHER, PLAIN, 3/8	STL	WA01346
			1	41	FRAME, SCREEN, TOP, SELF-TENSIONING	ALUM.	D1568-061-00
			1	42	FRAME, SCREEN, MIDDLE, SELF-TENSIONING	ALUM.	D1568-062-00
			1	43	FRAME, SCREEN, BOTTOM, SELF-TENSIONING	ALUM.	D1568-063-00
			1	44	COVER, SELF-TENSIONING SCREEN	ALUM.	D3189-111-00
			10	45	LATCH, MODIFICATION	STL.L.	A2690-019-00
			20	46	SCR. MACH. FL. HD. SLOT, 3/8-16UNCX1/2LG. CSK. HD.	SST.	WA58869
			164	47	SPRING, CLIP, FOR SCREEN FRAME	STL.	A2690-023/01
			3	48	COVER, INSP. HOLE	ALUM.	B3325-000-00
			1	49	GUARD, BAL. WT.	ALUM.	C3891-220-00
			2	50	PLATE, NAME, SPROUT-BAUER		B0480-103/01
			1	51	PLATE, NAME & SERIAL NO.	STL.	B0480-021/01
			4	52	PLATE, DANGER,	DECAL	B2735-503/02
			1	53	PLATE, ELECTRICAL CAUTION,	DECAL	B2735-505/02
			5	54	PLATE, DANGER,	DECAL	B2735-502/02
			4	55	SCREW, DRIVE, TYPE "U", NO. 4 X 1/4 LG.	CD. PL.	WA46370
			1	56	BUSHING, "SD", 1 3/8 BORE, 5/16 X 5/32 KWY		WA59230

REF. DWG. D1567-274

REV	DESCRIPTION	DATE	BY
D	PC. 56 WAS WA59230	041594	GMA
C	PC. 71 WAS QTY. 120	033194	GMA
B	PC. 70 WAS WA16399	031594	GMA
A	PC. 48 QTY. 3 WAS 2	030194	GMA
E	PC. 56 WAS WA29682	041594	GMA
D	PC. 57 WAS WA03863	041594	GMA
A	SEE SHEET 2		
A	PC. 47 QTY. 164 WAS 166		

ROUGH EST. WEIGHT LBS.
FINISH EST. WEIGHT LBS.

TOLERANCES - UNLESS OTHERWISE NOTED
LINEAR ANGLE
MACHINING .X = ±.1" ± 30'
.XX = ±.02"
.XXX = ±.005"
FABRICATION ≤24" = ± 1/16(.0625") ±
>24" = ± 1/8(.125") ±
CAST/FORGE = ±
MACHINED FILLET RADII .047" ±.016"
MAX MACHINED SURFACE ROUGHNESS
125 √ MICROINCHES (AA)

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ANDRITZ Inc. Muncy, Pa., USA

ROTO-SHAKER ASSY. & INSTALL.
4-1/2 X 8 TWO IN ONE
W/ SELF TENSIONING SCREEN

	BY	NAME	DATE
DR.	GMA	020294	
APVL.	MHS	020294	
APVL.	JFT	020294	
APVL.	RCS	020294	

SCALE NONE
ORDER NO 157211
SHEET 1 OF 3
DRAWING NUMBER D1567-280

MFG. SPEC. 3X 3U
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