
Operation and Maintenance Manual



Bremner Ripon

Model: 107-20

SN: 8873

October 2007

WARRANTY

ARPAC warrants the equipment of its manufacture to be free from defective material or workmanship for a period of one year from date of shipment from the factory, provided that:

1. Such equipment is given normal and proper usage.
2. It is still owned by the original purchaser.
3. The equipment has been operated in accordance with generally approved practice and in accordance with ARPAC's instructions.
4. No repairs, alterations, or replacements have been made by others without ARPAC's written approval.

The purchaser shall notify ARPAC immediately of any defective parts and ARPAC shall take corrective action. If such correction requires the replacement of a defective part or parts, ARPAC will supply them F.O.B. the factory.

ARPAC shall in no event be held liable for damage or delay caused by defective parts and will not accept any charges for work performed by purchaser in making adjustments or repairs to the equipment unless such work has been authorized in writing by ARPAC.

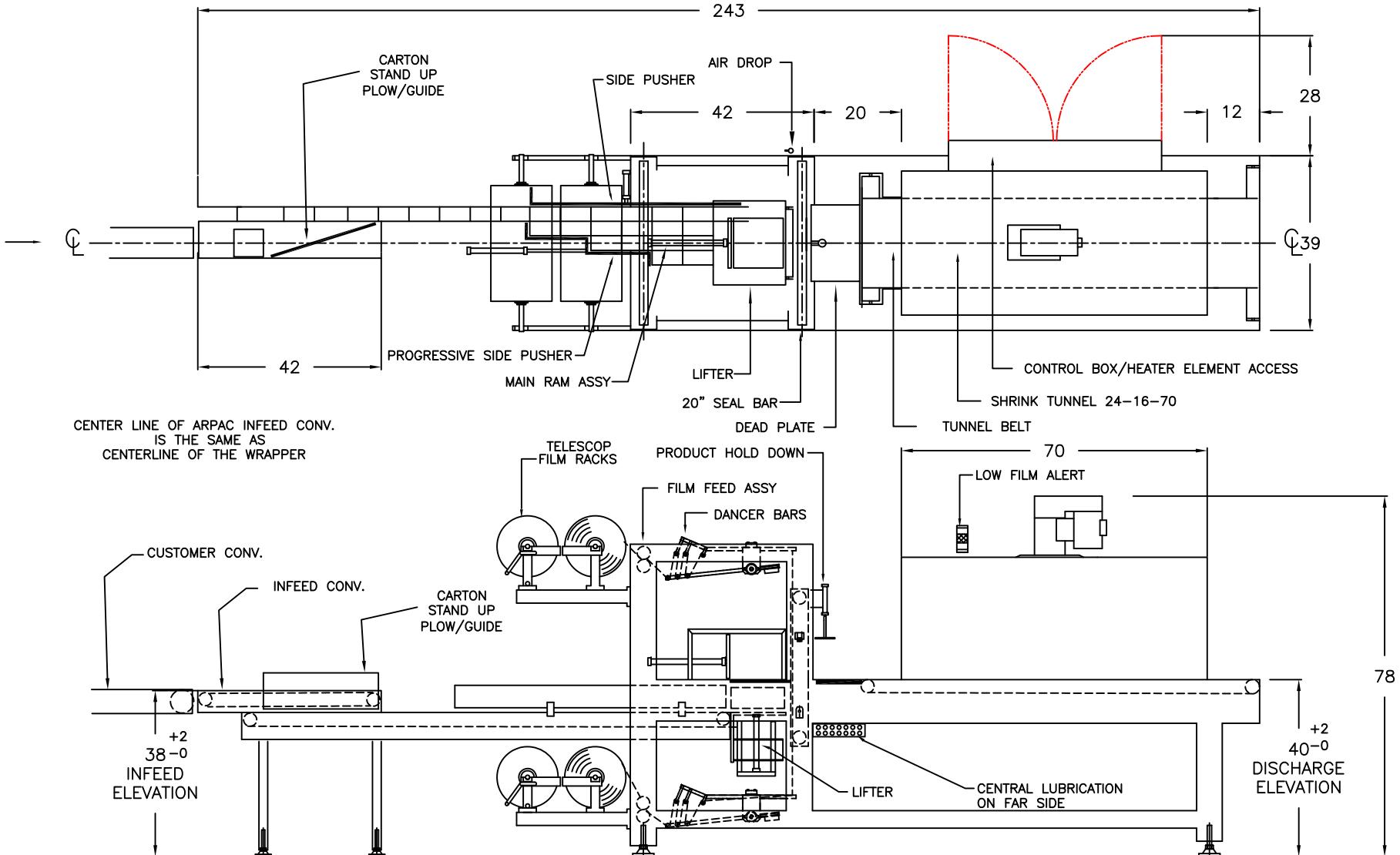
Any equipment or component not of ARPAC's own manufacture is sold under whatever warranty is provided by the maker, to the extent ARPAC is able to enforce such warranty. Such items are not warranted by ARPAC in any way.

When components are sold to be assembled in combination of purchaser's design, the warranty shall be limited to each separate component and shall not apply to any combinations or components.

ARPAC's liability (except as to title) arising out of the supplying of the equipment shall in no case exceed the purchase price of the said equipment. ARPAC makes no guarantee or warranty, expressed or implied, other than as stated above.

ARPAC factory trained, qualified technical services personnel are available for start-up and instructional assistance. If the customer does not utilize ARPAC personnel for this function, ARPAC is only liable for replacement of defective parts, not for labor or expenses necessary to adjust any problems out in the field.

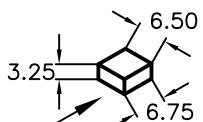
ARPAC personnel are available for ARPAC equipment training either on-site/hands on or in classroom environment, supported by visual aid and literature to be administered under a separate purchase order.



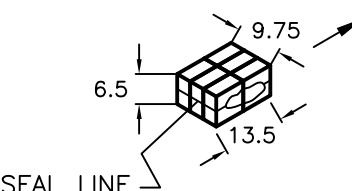
GENERAL NOTES:

INFEED AT 38 $+2/-0$ ", DISCHARGE AT 40 $+2/-0$ "
 ELEC. SPECS: 460V-3PH-60Hz
 CONTROL BOX: L/H
 AIR SUPPLY: 80 PSI MIN
 FILM SIZE: 1.5 MIL LDPE

PRODUCT IN



BUNDLE OUT



SEAL LINE

ARPAC		9511 WEST RIVER ST.
		SCHILLER PARK, IL 60176
FILENAME	S8873	DRAWN BY JVW
DATE	8-21-07	SCALE 43dKJ/64
REVISED		SIZE
APPROVED BY	J JVW	
MODEL	107-20 AUTOMATIC SLEEVE WRAPPER	
FOR	BREMNER	
	DRAWING NUMBER S8873	

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SECTION 9

Service Information

- 9-1 Field Service Policy**
- 9-2 Installation Policy**
- 9-4 Parts Order Form**

Service Information

This section contains an overview of ARPAC's field service as well as the form for ordering parts.

Field Service Policy

Objective

To furnish our customer with prompt, competent, and complete service so they can operate at optimum efficiency.

Service Personnel

ARPAC's field technicians are experienced in the servicing of ARPAC equipment, are qualified to instruct customer's personnel in correct operation and maintenance procedures of ARPAC equipment. ARPAC Field Service Technicians are fully supported by factory and all Engineering Departments.

Training

ARPAC personnel is available for ARPAC equipment training either on-site/hands on or in classroom environment, supported by visual aids and literature to be administered under separate purchase order.

ARPAC Commitment

- Be readily available to communicate with the customer(s).
- Service Technicians available for supervision and instruction of personnel at prevailing rates and expenses.
- Upon arrival of the ARPAC Service Technician, he should be able to commence immediately, minimize "downtime" of your production facilities and commence training of your personnel.

Scheduling Service

At least 10-days advance notice is required for scheduling personnel. Emergencies will be handled as quickly as possible. Contact the Technical Service Department via telephone at (847) 678-9034 or by fax (847) 678-2109 for immediate assistance.

Installation Policy

Objective

To furnish our customer with prompt, competent, and complete service so they can operate at optimum efficiency. Failure to use factory trained personnel for initial machine start-up may void the warranty.

Service Personnel

ARPAC's field technicians are experienced in the servicing of ARPAC equipment, and are qualified to instruct customer's personnel in the correct operation and maintenance procedures of ARPAC equipment. ARPAC Field Service Technicians are fully supported by factory and all Engineering Departments.

Training

ARPAC personnel are available for ARPAC equipment training, either on-site hands-on, or in a classroom environment supported by visual aids and literature to be administered under separate purchase order.

ARPAC Commitment

- To furnish equipment per quotation.
- Be readily available to communicate with the customer(s) to facilitate start-up.
- Service Technicians available for start-up supervision and instruction of personnel at prevailing rates and expenses.
- Upon arrival of the ARPAC Service Technician, he should be able to commence immediately, minimize "downtime" of your production facilities and commence training of your personnel.

Customer On-Site Preparation

- Unload, unpack, and inspect the equipment for any freight damage (apparent or hidden). If there is any damage, the Bill of Lading will need to be signed, noting the damage. You will then need to file all the necessary freight claims with the appropriate carrier. All shipments are freight collect and you are responsible for any damages in transit.
- Remove all interfering equipment and clear area where equipment is to be installed.
- Assemble/erect subject equipment.

(Continued on the next page)

Installation Policy

Customer On-Site Preparation

- Lag system to floor.
- Furnish all electrical wiring and connections per system requirements.
- Furnish any air and/or gas liners and connections if required.
- Integrate with any existing up and/or down stream equipment.
- Provide qualified technicians, operators, and maintenance personnel to start-up system.

Scheduling Service

At least 10-days advance notice is required for scheduling personnel. Contact the Technical Service Department via telephone at (847) 678-9034 or by fax (847) 678-2109 for immediate assistance.

Parts Order Form

In order for ARPAC to expedite your parts order, the following information is needed:

Complete the above form and contact ARPAC's Parts department to place your order.

ARPAC Parts Department Contact Information

Phone	(847) 678-9034
Fax	(847) 678-2109
e-mail	parts@arpac.com

Open for service Monday through Friday, 7:00 AM to 6:00 PM (Central Time)

SECTION 10
Mechanical Assembly Drawings

Notice from ARPAC's Documentation Department

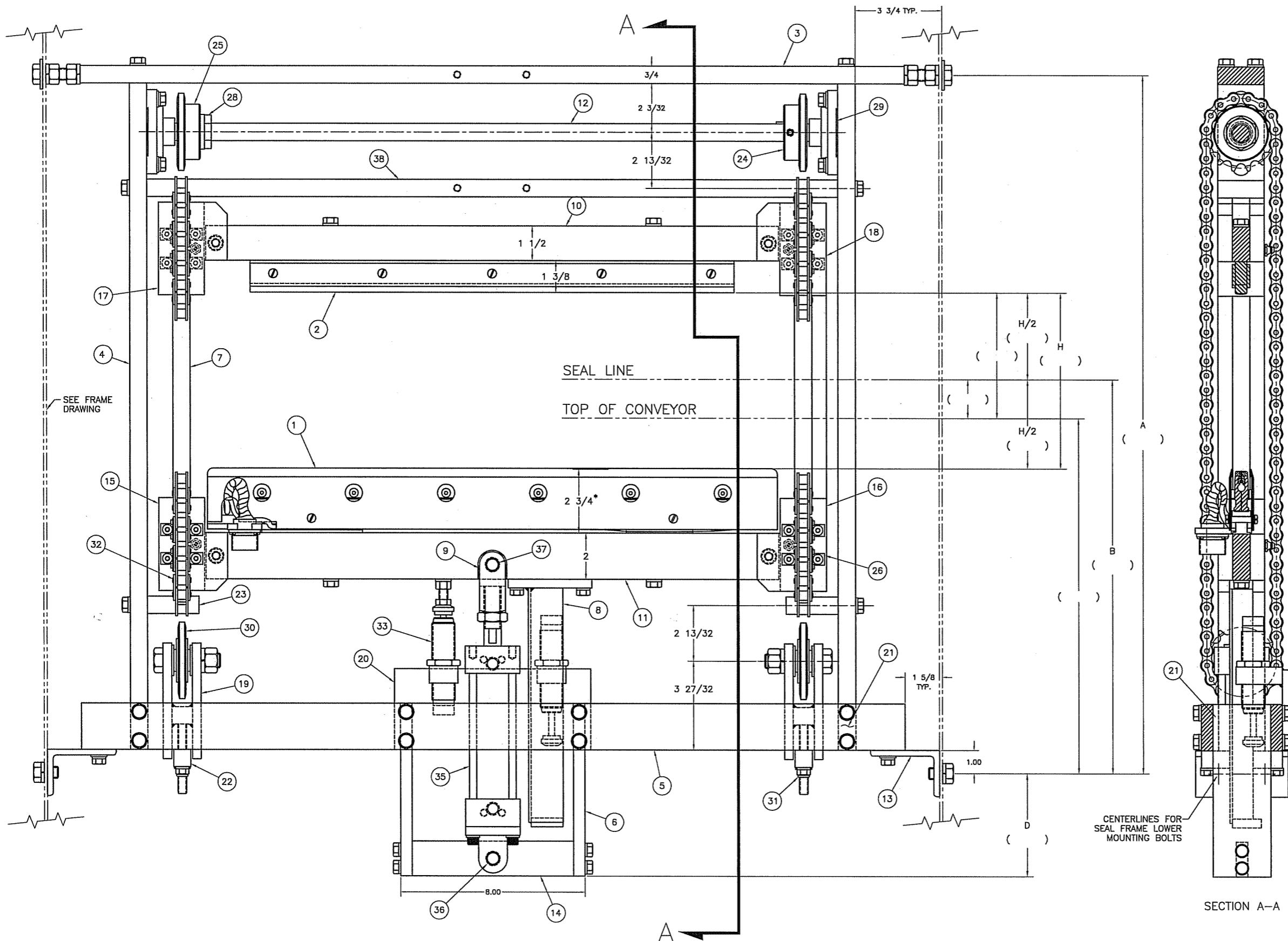
1. Please refer to your **serial specific** bill of material sheet (not the bill of material on the drawing) when ordering parts.
2. When multiple drawings are noted, only the drawings applicable are printed.

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Mechanical Assembly Drawings

Model: 107-20

- Seal Frame
- Seal Bar
- Back Up Seal Bar
- Film Feed
- Upper Dancer
- Film Rack
- Tunnel
- Side Intake Tunnel
- Heater Element Tray
- Tunnel Blower
- Tunnel Conv. & Main Drive
- Infeed
- Delivery Conveyor
- Main Ram
- Hold Down Product
- Side Pusher
- Lift
- Progressive Pusher
- Pneumatics
- Dead Plate



NOTE— BUSHING BLOCK ASSEMBLIES (ITEMS 15, 16, 17, 18) CAN BE SWITCHED FROM SIDE TO SIDE TO CHANGE THE UPSTREAM/DOWNSTREAM SIDE OF THE GREASE FITTINGS.

NOTE— THIS DRAWING REPLACES
NUMBER 0000-01-30000-W

53	44
59	40
55	36
51	32
47	28
43	24
59	20
F	WW

57	1/8	31	1/16	18	3/8	46	1/8	35	5/8	18
56	3/8	30	1/8	17	5/16	44	1/4	33	5/8	17
53	7/8	28	7/8	16	9/16	41	3/4	31	5/8	15
52	27	15/16	15	1/2	39	7/8	29	5/8	15	
50	1/8	27	14	7/16	38		27	5/8	14	
48	1/4	26	1/16	13	3/8	36	1/8	25	5/8	13
46	3/8	25	1/8	12	5/16	34	1/4	23	5/8	12
43	7/8	23	7/8	11	9/16	31	3/4	21	5/8	11
42		22	15/16	10	1/2	29	7/8	19	5/8	10
40	1/8	22	9	7/16	28		17	5/8	09	
38	1/4	21	1/16	8	3/8	26	1/8	15	5/8	08
36	3/8	20	1/8	7	5/16	24	1/4	13	5/8	07
33	7/8	18	7/8	6	9/16	21	3/4	11	5/8	06
32		17	15/16	5	1/2	19	7/8	9	5/8	05
30	1/8	17	4	7/16	18		7	5/8	04	
28	1/4	16	1/16	3	3/8	16	1/8	5	5/8	03
A	B	C	D	E	F	G	H	I	J	K

PART NUMBER = 101105-XXX
F = FRAME WIDTH = (WW + 19)
WW = SEAL WIDTH
H = SEAL OPENING
CC = CYLINDER STROKE
A = VERTICAL DISTANCE BETWEEN UPPER AND LOWER MOUNTING POSITIONS (SEE DRAWING)
B = DISTANCE FROM SEAL LINE TO LOWER MOUNT (SEE DRAWING)
D = LOWER EXTENSION (SEE DRAWING)
E = LENGTH OF ITEM 7 (THOMPSON SHAFT)

ITEM	QTY	PART NUMBER	DESCRIPTION
18	1	121023-XXX	XBAR, UPR, FRAME, SEAL, MTG, DOWN, HOLD, 2ND
37	1	800374	BUSH, OILITE, 0.5015 x 0.628 x 5/8 LG
36	1	800352	BUSH, OILITE, 0.5005 x 0.752 x 1/2 LG
35	1	-	CYL AIR (SEE NOTE)
33	2	800025	SHKABS, MA600
32	AR	800468	CHAIN, #50
31	2	800290-046	5/16 HEX NYLON LOCK NUT
30	2	800905	SPKT, IDL, 50BB15H
29	2	802797	BRG, FLG, 3/4 ID, 2-BOLT
28	1	802837	BUSH, TRANTORQUE, 3/4 x 1 1/2 x 1 1/2
26	8	101181	ATCH, K-1, #50, MOD
25	1	101178	SPKT, 50B15, MOD, 1.500 BORE, W/O KWY
24	1	101177	SPKT, 50B15, MOD, 0.750 BORE
23	2	101144	HOLDER, SHFT
22	2	101143	PLT, TAKE-UP, SLFRM
21	4	101142	SPCR, SLFRM
20	1	101138	WLDMT, MTG, SHKABS, SLFRM
19	2	101135	WLDMT, BKT, TAKE-UP, SLFRM
18	1	101134	ASSY, BLK, BSG, SLFRM, LF, UPR
17	1	101132	ASSY, BLK, BSG, SLFRM, RT, UPR
16	1	101130	ASSY, BLK, BSG, SLFRM, LF, LWR
15	1	101128	ASSY, BLK, BSG, SLFRM, RT, LWR
14	1	101126	PLT, MTG, CYL, SLFRM
13	2	101125	SUPRT, LWR, SLFRM
12	1	101124-XXX	SHFT, SQUARING, SLFRM
11	1	101123-XXX	CARRIER, SLBAR, LWR
10	1	101122-XXX	XBAR, UPR, SLFRM
9	1	101121	CLVS, ROD, MOD
8	1	101117-XXX	ACTUATOR, SHKABS, SLFRM
7	2	141736-XXX	THOMSON SHFT .75 Dia x "E" LG
6	2	101115-XXX	BAR, DROP, SLFRM
5	2	101114-XXX	XBAR, LWR, SLFRM
4	2	101113-XXX	BAR, SIDE, SLFRM
3	1	121022-XXX	XBAR, UPR, FRAME, SEAL, MTG, DOWN, HOLD
2	1	101356-XXX	ASSY, BAR, BACK UP, SEAL
1	1	101100-XXX	ASSY, SLBAR

SECTION A-A

NOTE:
USE 1.750 BORE CYLINDER ON
SEAL WIDTHS 20", 24", AND 28".
USE 2.000 BORE CYLINDER ON
SEAL WIDTHS 32", 36", 40", AND 44".

SEAL FRAME SHOWN ABOVE WITH 4" STROKE CYLINDER,
AND 20" SEAL BAR

*THE ACTUAL HEIGHT OF THE HOT SEAL BAR
IS 2 25/32

BILL OF MATERIAL					
ARPAC			9511 WEST RIVER ST. SCHILLER PARK, IL 60176		
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONAL TOLERANCES:			FRACTIONS TWO (2) DECIMALS THREE (3) DECIMALS ANGLES	$\pm 1/64$ $\pm .010$ $\pm .003$ $\pm .05^\circ$	
DRAWN:	4-29-98	BY:	JPC	SCALE:	1/2" = 1"
RELEASED:	4-29-98	FILENAME:	121021	APPROVED BY:	JPC
DESCRIPTION:	ASSY, FRAME, SEAL, STD, W/ HOLD DOWN MTG				
				DRAWING NUMBER:	121021

Parent Number 8873
 Model 107-20

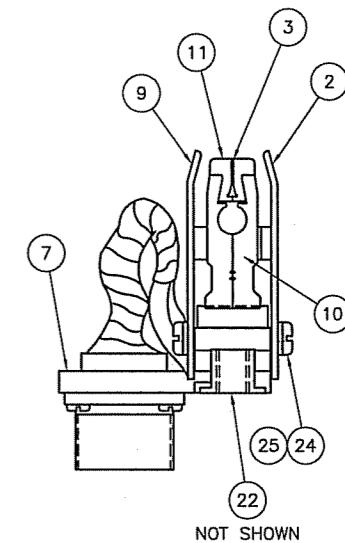
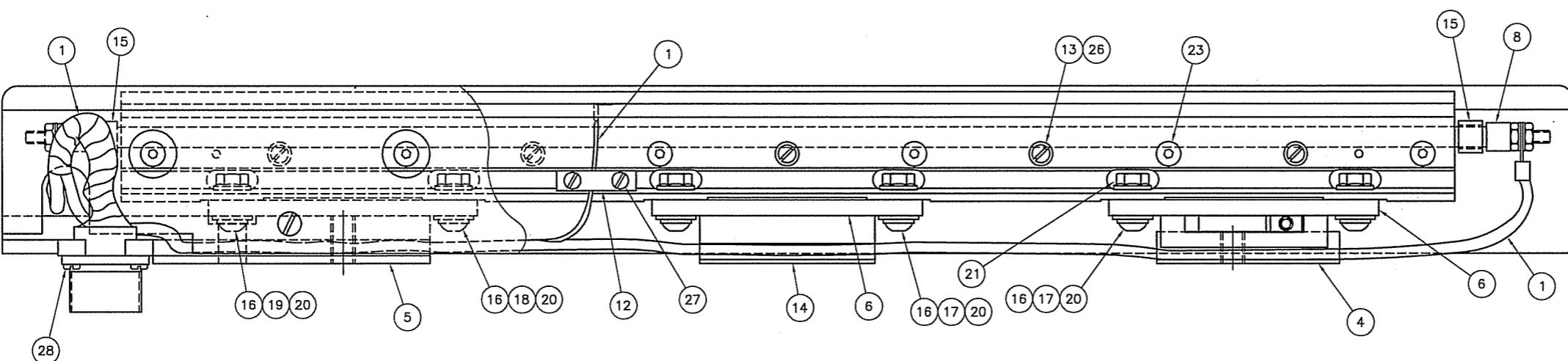
Assembly Part Number 121021.004
 Description ASSY, FRAME, SEAL, STD, W/ HOLD DOWN MTG
 Quantity 1

Item	Quantity	Arpac Part	Description	
1	1	101100.020B	ASSY, BAR, SEAL, 20", STD, PLASMA	
2	1	101356.020	ASSY, BAR, BACK-UP, SEAL, 20" SW	REPLACES 101102-020
3	1	121022.001	XBAR, UPR, FRAME, SEAL, MTG, DOWN, HOLD, 20" SEAL WIDTH	
4	2	101113.004	BAR, SIDE, FRAME, SEAL, 6" STROKE	
5	2	101114.001	XBAR, LWR, FRAME, SEAL, 20" SEAL WIDTH	
6	2	101115.004	BAR, DROP, FRAME, SEAL, STD, 6" STROKE	
7	2	141736.004	CRS SHAFT THOMSON 3/4, 21.750 LG	
8	1	101117.004	ACTUATOR, SHOCK, FRAME, SEAL, STD,	6" STROKE
9	1	101121.	CLEVIS, ROD, MOD	
10	1	101122.001	CARRIER, BAR, SEAL, UPR	20" WIDE SEAL BAR
11	1	101123.001	CARRIER, BAR, SEAL, LWR	20" WIDE SEAL BAR
12	1	101124.001	SHAFT, SQUARING, FRAME, SEAL	20" WIDE SEAL BAR
13	2	101125.	SUPRT, LWR, FRAME, SEAL	
14	1	101126.	PLT, MTG, CYL, FRAME, SEAL	
15	1	101128.	ASSY, BLK, BUSH, FRAME, SEAL, RT, LWR	
16	1	101130.	ASSY, BLK, BUSH, FRAME, SEAL, LF, LWR	
17	1	101132.	ASSY, BLK, BUSH, FRAME, SEAL, RT, UPR	
18	1	101134.	ASSY, BLK, BUSH, FRAME, SEAL, LF, UPR	
19	2	101135.	WLDMT, BKT, TAKE-UP, FRAME, SEAL	
20	1	101138.	WLDMT, MTG, SHOCK, FRAME, SEAL	
21	4	101142.	SPACER, FRAME, SEAL	
22	2	101143.	PLT, TAKE-UP, FRAME, SEAL	
23	2	101144.	HOLDER, SHAFT	
24	1	101177.	SPKT, 50B15, MOD, 0.750 BORE	
25	1	101178.	SPKT, 50B15, MOD, 1.500 BORE, W/O KKY	
26	8	101181.	ATTACHMENT, K-1, #50 CHAIN, MOD	
28	1	802937.	BUSH, TRANTORQUE, 3/4 X 1-1/2 X 1-1/2, 3/4 LG EXPANDING OD	
29	2	802797.	BRG, FLG, 3/4 ID, 2-BOLT, 2.81 MTG HOLES MALLEABLE	
30	2	800905.	SPKT, 50BB15H, IDLER, 5/8 ID	HARDENED TEETH
31	2	800290.046	FSNR, NUT, HEX, 5/16-18, NYLOCK, SS	
32	10	800468.	CHAIN, RLR, #50	
33	2	800025.	SHOCK, ADJ, 1-12 THRD, 1 STROKE	
35	1	801962.	CYL, AIR, 1-3/4 BORE, 6 STROKE,	AL SQUAREHEAD, CLEVIS MNT
36	1	800352.	BUSH, OILITE, 0.5005 X 0.7520 X 1/2 LG	
38	1	121023.001	XBAR, UPR, FRAME, SEAL, MTG, DOWN, HOLD, 2ND, 20" SEAL WIDTH	
50	4	802208.	FTG, GREASE, 1/8 NPT, STRAIGHT	

REVISIONS

RV	DATE	BY	DESCRIPTION
A	1-29-99	JPC	ADD ITM 14, CHG QY ITM 6, 15, 16, 19, 20
A	1-29-99	JPC	MOVED 16" SW TO SHEET 5
B	12-14-99	JPC	ADDED ITEM 15

PART NUMBER 101100-020 SHOWN



QTY	QTY	QTY	PART #	DESCRIPTION	ITM
BILL OF MATERIAL					
28	24	20	SEAL WIDTH		
101100-028	101100-024	101100-020	PART NUMBER		
<i>1 REQ'D</i>					

SHEET 1 OF 5

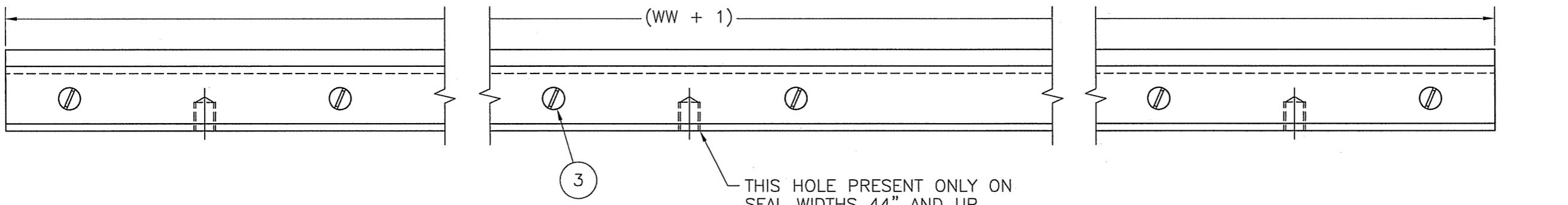
NOTE - THIS DRAWING REPLACES
NUMBER 0000-01-50000-W

ARPAC		9511 WEST RIVER ST. SCHILLER PARK, IL 60176
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONAL TOLERANCES:		
FRACTIONS	± 1/64	
TWO (2) DECIMALS	± 0.010	
THREE (3) DECIMALS	± 0.005	
ANGLES	± 0.5°	
DRAWN: 9-29-94	BY: JPC	SCALE: 3/4"=1"
RELEASED: 11-1-94	FILENAME: 101100S1	APPROVED BY: JPC
DESCRIPTION: ASSY, BAR, SEAL, STD		
DRAWING NUMBER: 101100		

Parent Number 8873
Model 107-20

Assembly Part Number 101100.020B
Description ASSY, BAR, SEAL, 20", STD, PLASMA
Quantity 1

Item	Quantity	Arpac Part	Description
1	1	101104.001	HARNESS, WIRING, 20", BAR, SEAL
2	1	101146.001	PLT, STRIPPER, 20", W/O CUTOUT
3	1	101147.001	BLADE, KNIFE, BAR, SEAL, 20" SW
4	1	101152.	ASSY, MNT, EXPANSION
5	1	101156.	BLK, MTG, END, FIXED
6	3	101159.	INSULATOR, BAR, SEAL, STD
7	1	101162.	BKT, ELECTRICAL, BAR, SEAL, SHORT
8	1	101165.001	ELEMENT, HEATER, 20", BAR, SEAL
9	1	101166.001	PLT, STRIPPER, 20", W/ CUTOUT
10	1	101171.001A	HALVES, BAR, SEAL, 20"
11	2	101173.001	INSERT, BAR, SEAL, PLASMA, 20" SW
12	1	101176.	CLAMP, THERMOCOUPLE, BAR, SEAL
13	10	101186.	SPACER, BUTTON, BAR, SEAL, 0.152 X 0.375
14	1	101993.	BLK, CENTER, KEYLESS
15	2	121133.	SPACER, ELEMENT, HEATER, BAR, SEAL
16	6	800232.014	FSNR, BHCS, 1/4-20 X 7/8, SS
17	4	800292.007	FSNR, WASHER, LOCK, INT TOOTH, 1/4, SS
18	1	800292.005	FSNR, WASHER, LOCK, SPLIT, 1/4
19	1	800292.006	FSNR, WASHER, LOCK, HI-COLLAR, 1/4
20	6	800275.007	FSNR, WASHER, FLAT, 1/4, SS
21	6	800290.061	FSNR, NUT, HEX, 1/4-20, SERRATED FLANGE, SS
22	2	800259.003	FSNR, SCREW, FLT HD, SLOT, 10-32 X 1/2
23	6	800266.006	FSNR, FHCS, SOCKET, 10-32 X 5/8, SS
24	4	800309.003	FSNR, SCREW, PAN HD, SLOT, 10-32 X 1/2 SS
25	4	800292.001	FSNR, WASHER, LOCK, SPLIT, #10
26	10	800254.002	FSNR, SCREW, FLT HD, PHIL, 6-32 X5/16,SS
27	2	800312.001	FSNR, SCREW, PAN HD, PHIL, 6-32 X 5/16
28	4	800307.001	FSNR, SCREW, PAN HD, SLOT, 6-32 X 3/8



REBUILDING INSTRUCTIONS:

DISASSEMBLE. CLEAN CENTER BAR (ITEM 1). APPLY ADHESIVE (ITEM 6) TO CENTER BAR (ITEM 1). LAY ON SILICONE FOAM STRIP (ITEM 4) AND POSITION CAREFULLY. INVERT BAR ONTO FLAT SURFACE AND WEIGHT EVENLY FOR SIX HOURS. TRIM EXCESS ADHESIVE (ITEM 6) AND INSTALL TEFLON CLOTH (ITEM 5); DO NOT USE TAPE. DO NOT PULL THE TEFLON CLOTH (ITEM 5) TIGHT OVER FOAM (ITEM 4).

AR	803369	SILICONE ADHESIVE	6															
QTY	5 MIL TEFLON CLOTH	5																
87"	81"	73"	71"	67"	61"	55"	51"	45"	41"	37"	33"	29"	25"	21"	17"	803355	5 MIL TEFLON CLOTH	5
87"	81"	73"	71"	67"	61"	55"	51"	45"	41"	37"	33"	29"	25"	21"	17"	803364	SILICONE 3/8 THK x 1/2 W	4
40	36	32	30	28	28	24	24	20	18	16	16	14	12	10	8	800259-001	SCREW, FLT HD, 10-32 x 1/4	3
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	101168-XXX	PLT, SIDE, BACK-UP, SEAL	2
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	101357-XXX	BAR, BACK-UP, SEAL, CTR	1
QTY	PART NUMBER	DESCRIPTION	ITM															

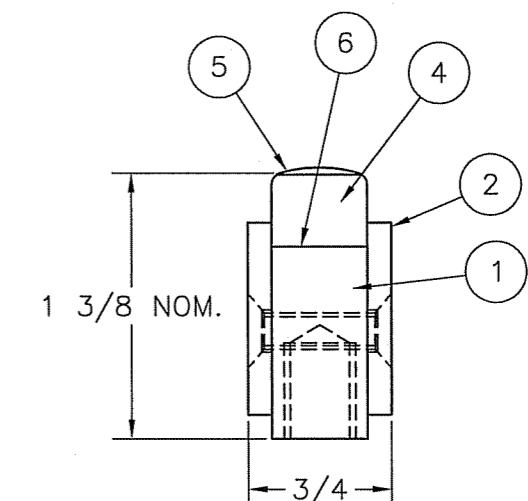
B I L L O F M A T E R I A L

86	80	72	70	66	60	54	50	44	40	36	32	28	24	20	16	WW = SEAL WIDTH	
101356-086	101356-080	101356-072	101356-070	101356-066	101356-060	101356-054	101356-050	101356-044	101356-040	101356-036	101356-032	101356-028	101356-024	101356-020	101356-016	PART NUMBER	

1 REQ'D

NOTE— THIS DRAWING REPLACES
NUMBER 0000-01-50100-W

NOTE TO ENGINEERING— PART
NUMBER 101356-044 IS SHOWN
IN MODEL SPACE.



END VIEW DETAIL
SCALE— FULL

ARPAC		9511 WEST RIVER ST. SCHILLER PARK, IL 60176					
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONAL TOLERANCES:							
FRACTIONS	$\pm 1/64$						
TWO (2) DECIMALS	± 0.010						
THREE (3) DECIMALS	± 0.005						
ANGLES	$\pm 0.5^\circ$						
DRAWN:	1-31-96	BY:	JPC	SCALE:	1/2"=1"	SIZE:	B
RELEASED:	1-31-96	FILENAME:	101356s1	APPROVED BY:	JPC		
DESCRIPTION:	ASSY, BAR, BACK UP, SEAL						
		DRAWING NUMBER: 101356					

BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873

Model 107-20

Assembly Part Number 101356.020

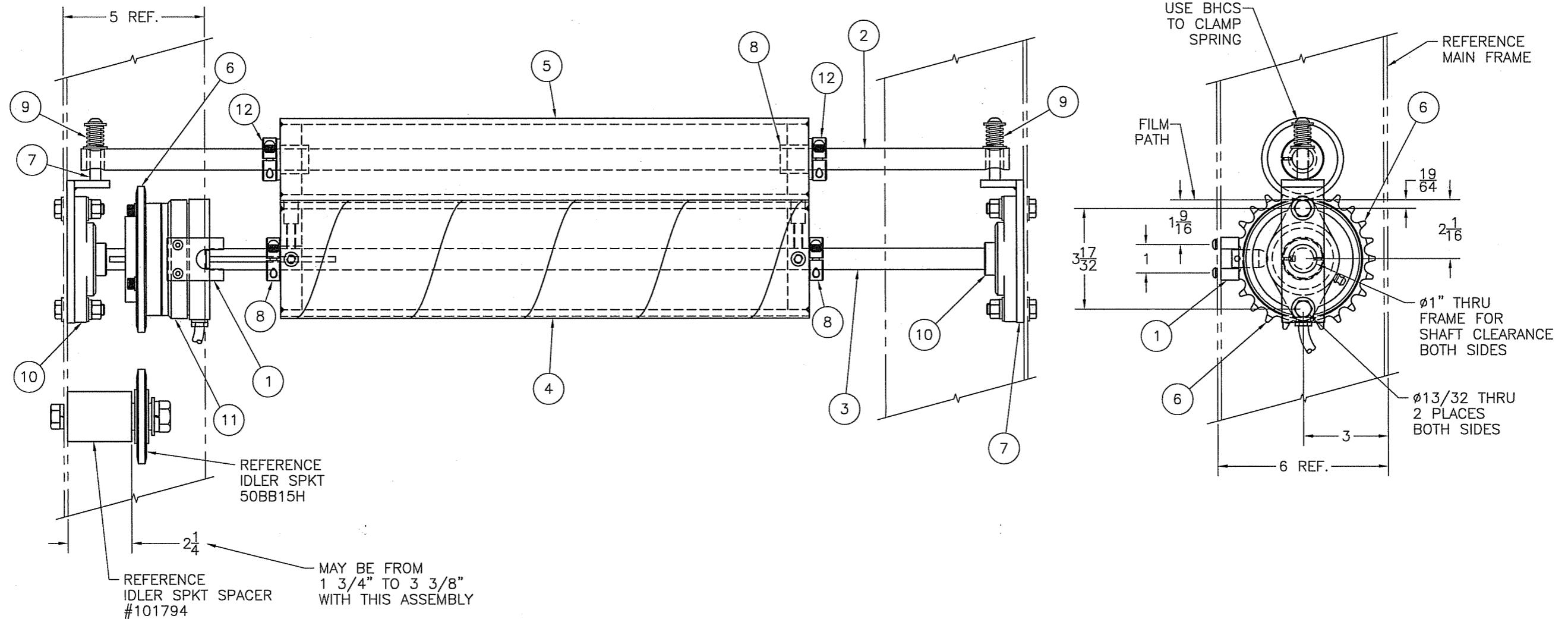
Description ASSY, BAR, BACK-UP, SEAL, 20" SW

Quantity 1

Item	Quantity	Arpac Part	Description
1	1	101357.001	BAR, BACK-UP, SEAL, CENTER, 20" SW REPLACES 101167-001
2	2	101168.001	PLT, SIDE, BACK-UP, SEAL, 20" SW
3	10	800259.001	FSNR, SCREW, FLT HD, SLOT, 10-32 X 1/4, UNDERCUT
4	2	803364.	SILICONE, 3/8 X 1/2, ORANGE, DIE#80466, 2D2 CLOSED CELL
5	0.10	803355.	CLOTH, TEFLON 4"W 5 MIL 1 SQ YARD STANDARD ROLL 4 W X 30 FT LG
6	0.10	803369.	SILICONE, ADH, 3 OZ. TUBE

REVISIONS

RV	DATE	BY	DESCRIPTION
A	8-8-01	JPC	MOVED OILITE BUSHINGS TO PINCH RLR BOM



W = SEAL WIDTH
F = FRAME WIDTH

51	32	121038-004
47	28	121038-003
43	24	121038-002
39	20	121038-001
35	16	121038-000
F	W	PART NUMBER

2 REQ'D

12	2	807096	COLLAR, SHAFT, CLAMP, 1-PIECE, 3/4"
11	1	803021	CLUTCH, 3/4 BORE
10	2	802744	BRG, FLG, 3/4 ID, 2-BOLT
9	2	801041	SPRING, COMPRESSION
8	2	800585	COLLAR, SHAFT, CLAMP, 2-PIECE, 3/4"
ITEM	QTY	PART NUM	DESCRIPTION

BILL OF MATERIAL

7	2	114070	WLDMT, BKT, RLR, PINCH, FEED, FILM, SHORT
6	1	101832	SPKTT, 50A24, MOD, 3.000 ID
5	1	101320-XXX	RLR, IDL, AL, 2.875, PINCH, FEED, FILM, 0.750 SHAFT
4	1	101316-XXX	RLR, DRV, AL, 4.000, FEED, FILM, 0.750 BORE
3	1	101312-XXX	SHAFT, DRV, FEED, FILM, STD, 0.750
2	1	101310-XXX	SHAFT, RLR, PINCH, FEED, FILM, 0.750
1	1	101308	BKT, STOP, CLUTCH
ITEM	QTY	PART NUM	DESCRIPTION

BILL OF MATERIAL

ARPAC	9511 WEST RIVER ST. SCHILLER PARK, IL 60176
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONAL TOLERANCES:	FRACTIONS $\pm 1/64$ TWO (2) DECIMALS ± 0.010 THREE (3) DECIMALS ± 0.005 ANGLES $\pm 0.5^\circ$
DRAWN: 6-1-98	BY: JPC
RELEASED: 6-1-98	FILENAME: 121038
DESCRIPTION: ASSY, FEED, FILM, STD, 16"-28"	APPROVED BY: JPC
	DRAWING NUMBER: 121038

BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873

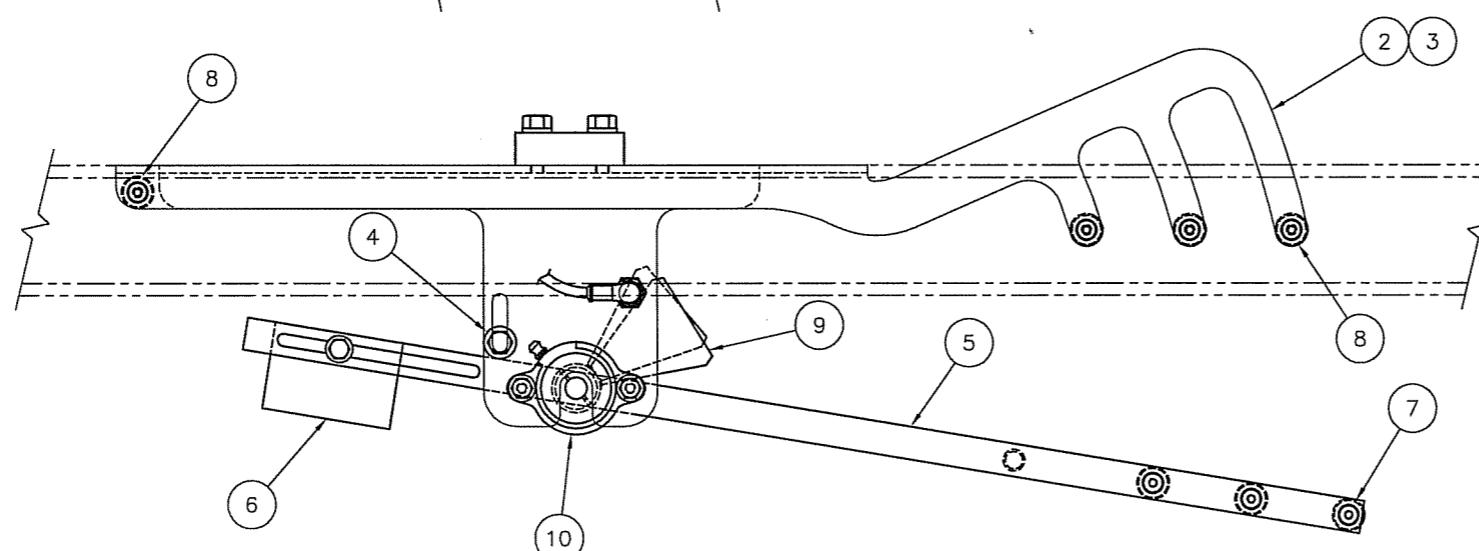
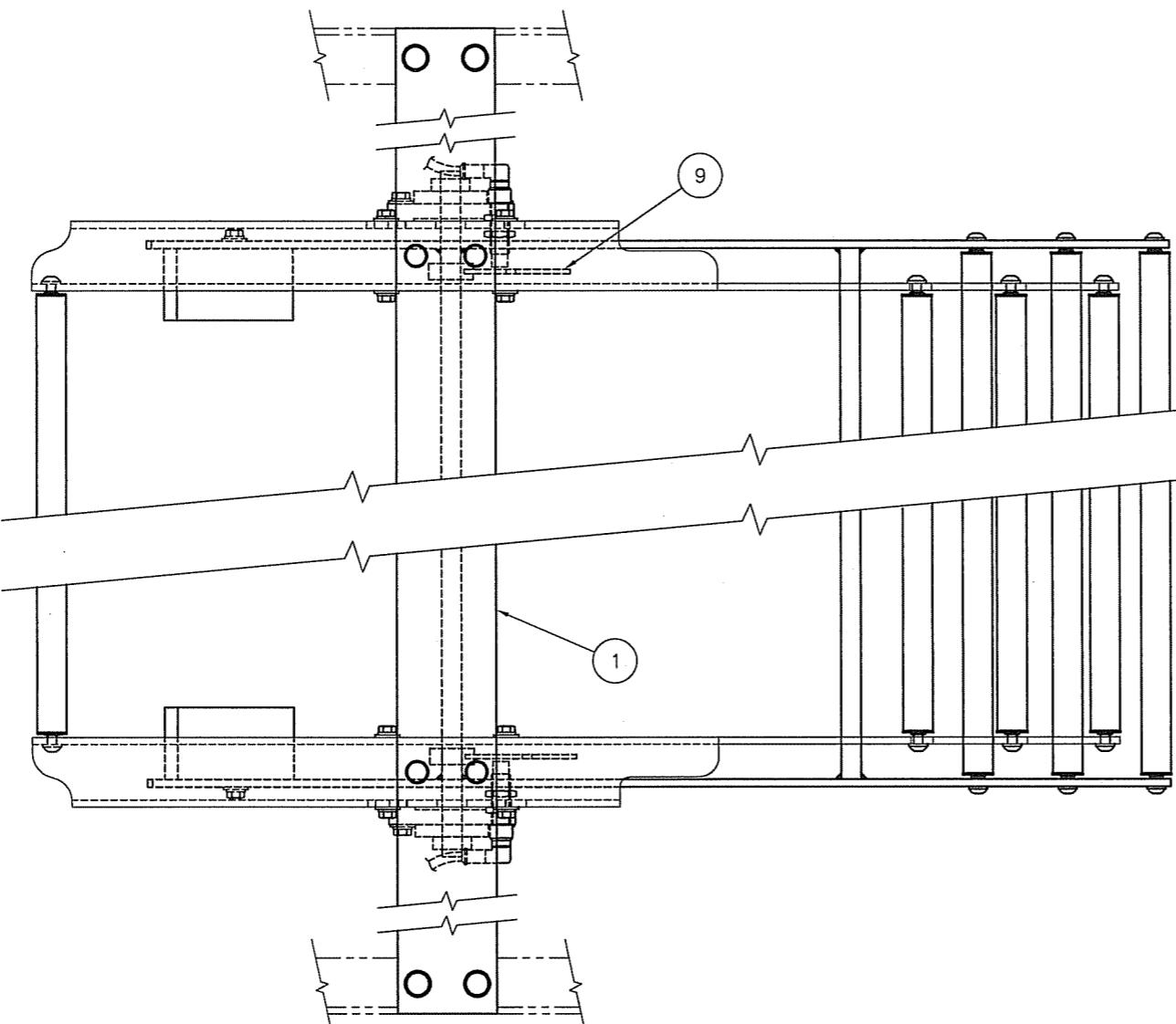
Model 107-20

Assembly Part Number 121038.001A

Description ASSY, FEED, FILM, STD, 20" SEAL WIDTH

Quantity 2

Item	Quantity	Arpac Part	Description
<hr/>			
1	1	101308.	BKT, STOP, CLUTCH
2	1	101310.001	SHAFT, RLR, PINCH, FEED, FILM, 0.750, 37.750 LG, STD, 20" SEAL WIDTH
3	1	101312.001	SHAFT, DRV, FEED, FILM, 0.750, 20" SW
4	1	101316.001	RLR, DRV, AL, 4.000, FEED, FILM, 0.750 BORE, 20" SEAL WIDTH
5	1	101320.001A	RLR, IDL, AL, 2.875, PINCH, FEED, FILM, 20" SEAL WIDTH
6	1	101832.	SPKT, 50A24, MOD, 3.000 BORE, W/ BOLT HOLES
7	2	114070.	WLDMT, BKT, RLR, PINCH, FEED, FILM, SHRT
8	2	800585.	COLLAR, SHAFT, CLAMP, 2-PIECE, 3/4
9	2	807096.	COLLAR, SHAFT, CLAMP, 1-PIECE, 3/4
10	2	801041.	SPRING, COMP, 0.600 OD X 1.250 LG, 0.072 DIA WIRE, SS 45.0 LB/IN.
11	2	802744.	BRG, FLG, 3/4 ID, 2-BOLT 3.53 MTG HOLES
12	1	803021.	CLUTCH, 3/4 BORE, 22 FT-LB, 90VDC
<hr/>			



47	28	101322-003
43	24	101322-002
39	20	101322-001
FF	WW	PART NUMBER

2 REQ'D

WW = SEAL WIDTH

FF = FRAME WIDTH

NOTE— THIS DRAWING PARTIALLY REPLACES NUMBER:
0000-03-29300-W

ITEM	QTY	PART NUM	DESCRIPTION
BILL OF MATERIAL			
10	2	802796	BRG, FLANGE, 2 HOLE, 0.750, LIGHT
9	2	101345	WLDMT, ARM, TRIGGER, DANCER
8	4	101804-XXX	RLR, AL, 0.750, SHORT
7	3	101804-XXX	RLR, AL, 0.750, LONG
6	2	101344	COUNTERWEIGHT, DANCER
5	1	101342-XXX	WLDMT, ARM, DANCER
4	2	101341	STOP, BAR, DANCER
3	1	122420-002	FRAME, OUTER, DANCER, RH
2	1	122420-001	FRAME, OUTER, DANCER, LH
1	1	122421-XXX	XBAR, DANCER
ITEM	QTY	PART NUM	DESCRIPTION

ARPAC 9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED FRACTIONS ± 1/64
ALL DIMENSIONAL TOLERANCES TWO (2) DECIMALS ± 0.010
THREE (3) DECIMALS ± 0.005
ANGLES ± 0.5

DRAWN: 5-25-94 BY: JPC SCALE: 3/8"=1" SIZE: C

RELEASED: 6-27-94 FILENAME: 101322 APPROVED BY: JPC

DESCRIPTION: ASSY, DANCER, UPR, 20"-28"

DRAWING NUMBER:
101322

BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873

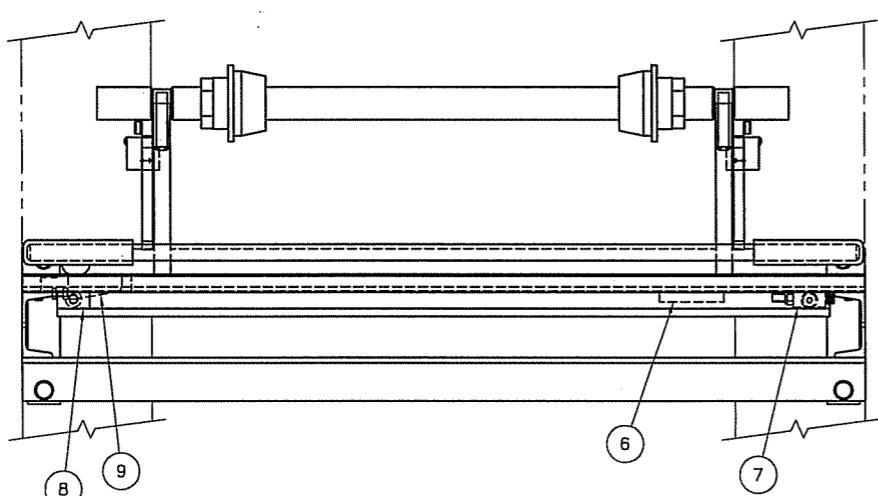
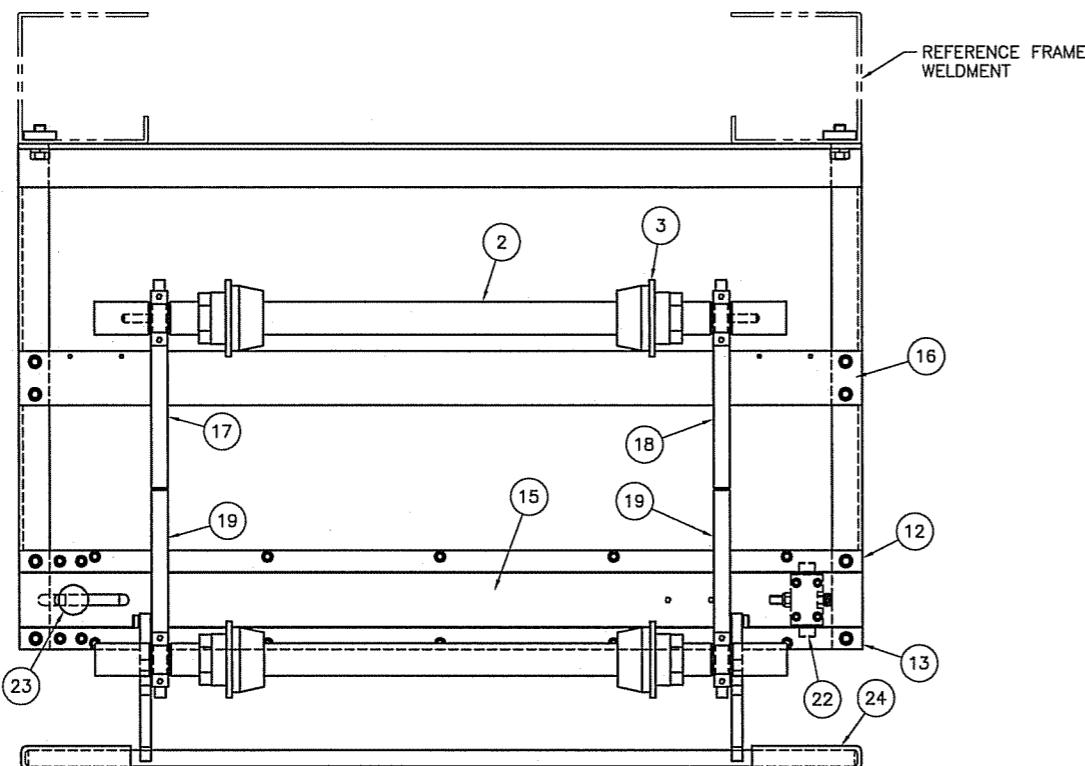
Model 107-20

Assembly Part Number 101322.001D

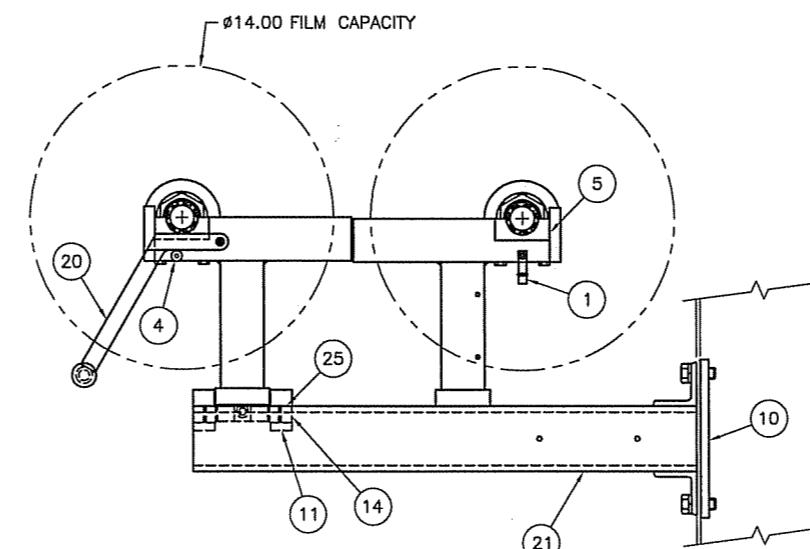
Description ASSY, DANCER, UPR, 20" SEAL WIDTH

Quantity 2

Item	Quantity	Arpac Part	Description
1	1	122421.001	XBAR, DANCER, SW = 20"
2	1	122420.001	FRAME, OUTER, DANCER, STD, LH
3	1	122420.002	FRAME, OUTER, DANCER, STD, RH
4	2	101341.	STOP, BAR, DANCER
5	1	101342.001	WLDMT, ARM, DANCER, 20" SEAL WIDTH
6	2	101344.	COUNTERWEIGHT, DANCER
7	3	101804.004	RLR, IDL, AL, 0.750, 23.063 LG
8	4	101804.001	RLR, IDL, AL, 0.750, 20.938 LG
9	2	101345.	WLDMT, ARM, TRIGGER, DANCER
10	2	802796.	BRG, FLG, 1/2 ID, 2-BOLT MALLEABLE
11	1	102633.001	GAUGE, COUNTERWEIGHT, DANCER, RH
12	1	102633.002	GAUGE, COUNTERWEIGHT, DANCER, LH
13	1	102764.	LATCH, ARM, DANCER, STD, RLR, 3/4



PART NUMBER 101387-001 SHOWN ABOVE



WW = SEAL WIDTH
FF = FRAME WIDTH

63	44	101387-007
59	40	101387-006
55	36	101387-005
51	32	101387-004
47	28	101387-003
43	24	101387-002
39	20	101387-001
35	16	101387-000
FF	WW	PART NUMBER

2 REQ'D

NOTE— THIS DRAWING REPLACES
NUMBER 0000-05-25100-W

ITEM	QTY	PART NUM	DESCRIPTION
BILL OF MATERIAL			
ARPAC			9511 WEST RIVER ST. SCHILLER PARK, IL 60176
UNLESS OTHERWISE SPECIFIED		FRACTIONS	± 1/64
ALL DIMENSIONAL TOLERANCES:		TWO (2) DECIMALS	± 0.010
		THREE (3) DECIMALS	± 0.005
		ANGLES	± 0.5°
DRAWN: 6-29-95	BY: JPC	SCALE: 3/16" = 1"	SIZE: C
RELEASED: 6-29-95	FILENAME: 101387	APPROVED BY: JPC	
DESCRIPTION: ASSY, RACK, FILM, INLINE, TELSCPG			
		DRAWING NUMBER:	101387

Parent Number 8873

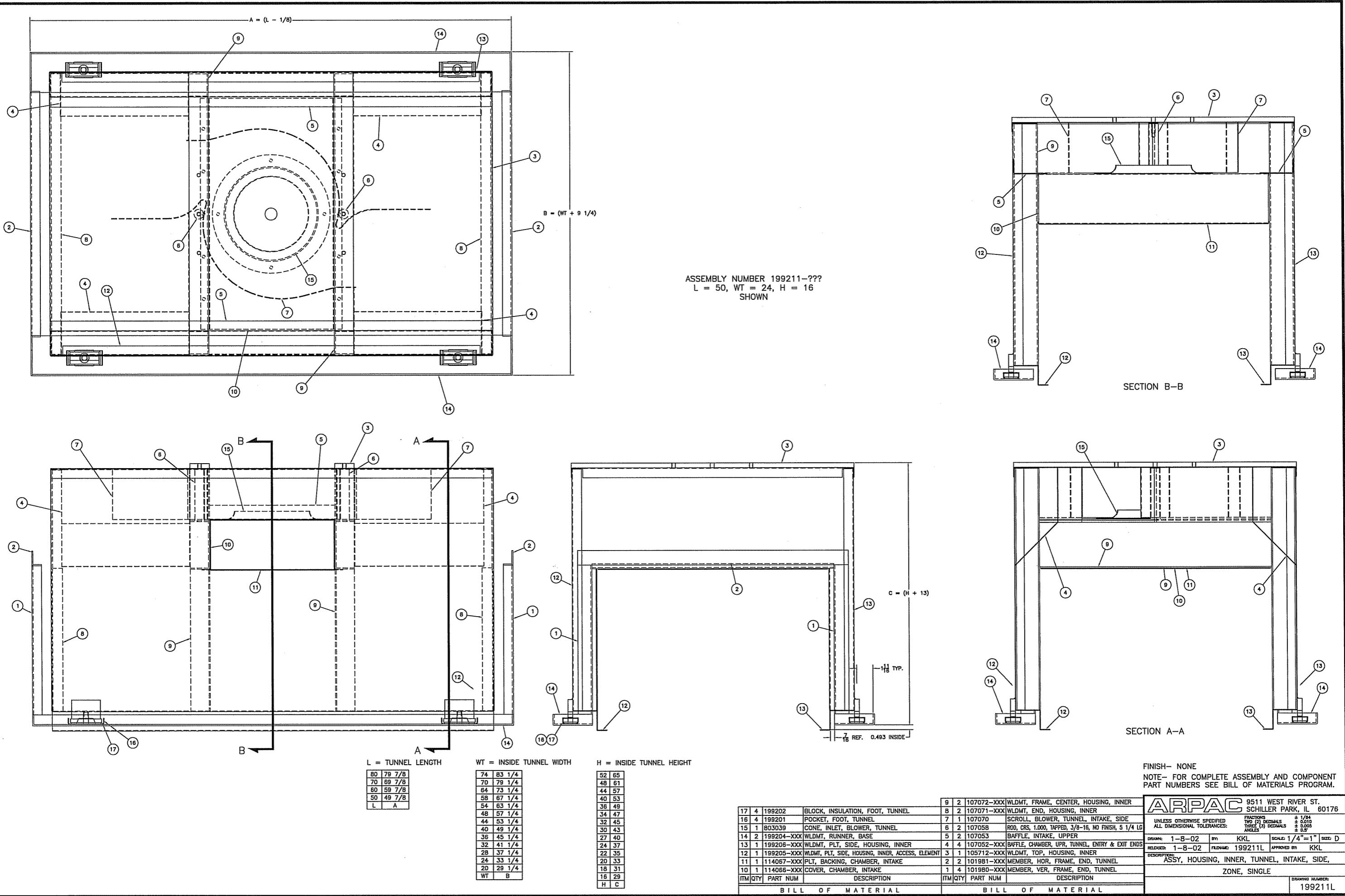
Model 107-20

Assembly Part Number 101387.001B

Description ASSY, RACK, FILM, INLINE, TELSCPG,

Quantity 2

Item	Quantity	Arpac Part	Description
1	1	211709.	PLT, MTG, PHOTOEYE, FLAT, ADJ, VER
2	2	101409.001	SHAFT, ROLL, SUPPLY, RACK, FILM, 20" SW
3	4	101411.	ASSY, PLUG, CORE, RACK, FILM
4	2	101412.	STOP, LEVER, TRANSFER, RACK, FILM
5	4	101413.	JOURNAL, BRG, RACK, FILM, TELSCPG
6	1	101417.	STOP, RACK, FILM, TELSCPG
7	1	101418.	BLK, FOLLOWER, CAM, MOBILE
8	2	101419.	BLK, FOLLOWER, CAM
9	1	101420.	ARM, LATCH, RACK, FILM, TELSCPG
10	2	101439.	PLT, BACK UP, RACK, FILM
11	2	101481.001	BAR, RACK, FILM, TELSCPG, LWR, 20" SW
12	1	101482.001	BAR, RACK, FILM, TELSCPG, TOP, LH, 20" SEAL WIDTH
13	1	101483.001	BAR, RACK, FILM, TELSCPG, TOP, RH, 20" SEAL WIDTH
14	2	101484.001	SPACER, RACK, FILM, TELSCPG, 20" SW
15	1	101485.001	BAR, SLIDE-OUT, RACK, FILM, TELSCPG, 20" SEAL WIDTH
16	1	101486.001	BASE, BKT, STNRY, RACK, FILM, TELSCPG, 20" SEAL WIDTH
17	2	101493.	WLDMT, T-BRACE, RACK, FILM, TELSCPG, 14"
19	2	101495.	WLDMT, T-BRACE, RACK, FILM, TELSCPG, MOBILE
20	1	101497.001	WLDMT, LEVER, TRANSFER, ROLL, T-BRACE, 20" SEAL WIDTH
21	1	101500.001	WLDMT, RACK, FILM, TELSCPG, 20" SW
22	4	802874.	FOLLOWER, CAM, 3/4 OD, 7/16-20 STUD, W/HEX HOLE, CROWNED,
23	1	802661.	HDL, 1-3/8 BALL, BLACK 5/16-18 FEM
24	2	802667.	GRIP, VINYL, FOAM, 3/4", RED
25	0.20	803440.	TAPE, AL 3M 1/2 X 60 YARDS
26	1	102671.	PLT, MTG, REFLECTOR, FLAT, ADJ, VER



BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873

Model 107-20

Assembly Part Number 199211.000

Description ASSY, HOUSING, INR, TUNNEL, INTAKE, SIDE

Quantity 1

Item	Quantity	Arpac Part	Description

5	2	107053.	BAFFLE, INTAKE, UPR
6	2	107058.	ROD, CRS, 1.000, TAPPED, 3/8-16, NO FINISH, 5.250 LG
15	1	803039.	COVER, INLET 9-15/16

Parent Number 8873

Model 107-20

Assembly Part Number 199211.202

Description ASSY, HOUSING, INR, TUNNEL, INTAKE, SIDE

Quantity 1

Item	Quantity	Arpac Part	Description
<hr/>			
1	4	101980.008	MEMBER, VER, FRAME, END, TUNNEL, INTAKE, SIDE, H = 16
2	2	101981.011	MEMBER, HOR, FRAME, END, TUNNEL, STD, 24" TUNNEL WIDTH
3	1	105712.301	WLDMT, TOP, HOUSING, INNER, 70" LG TNL, 24" WT
4	4	107052.	BAFFLE, CHAMFER, UPPER, 23.250 LG, 70" & 110" TUNNEL LENGTHS
5	2	107053.	BAFFLE, INTAKE, UPR
6	2	107058.	ROD, CRS, 1.000, TAPPED, 3/8-16, NO FINISH, 5.250 LG
7	1	107070.002	SCROLL, BLOWER, TUNNEL, INTAKE, SIDE, WT = 24
8	2	107071.101	WLDMT, END, HOUSING, INNER, 16" HI TNL, 24" WT
9	2	107072.101	WLDMT, FRAME, CENTER, HOUSING, INNER, 24" WT, 16" HT TUNNEL
10	1	114066.	COVER, CHAMBER, INTAKE, 24" TUNNEL WIDTH
11	1	114067.001	PLT, BACKING, CHAMBER, INTAKE, 24" WT
12	1	199205.301	WLDMT, PLT, SIDE, HOUSING, INNER, ACCESS ELEMENT, 70" LG TNL, 16" HIGH
13	1	199206.301	WLDMT, PLT, SIDE, HOUSING, INNER, 70" LG 16" HIGH
15	2	199204.003	WLDMT, RUNNER, BASE, 70 LG TUNNEL
15	1	803039.	COVER, INLET 9-15/16
16	4	199201.	POCKET, FOOT, TUNNEL
17	4	199202.	BLOCK, INSULATION, FOOT, TUNNEL
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BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873

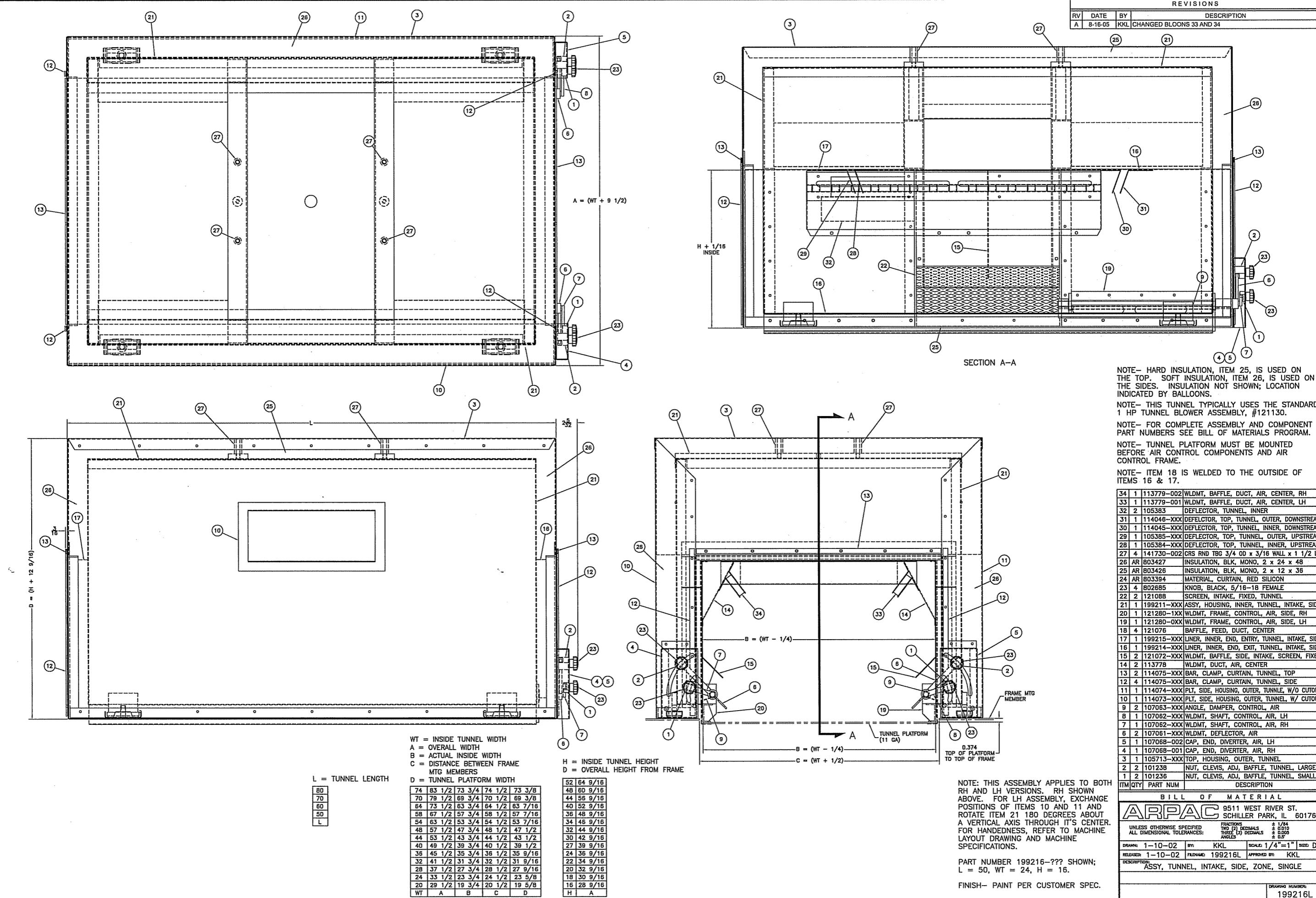
Model 107-20

Assembly Part Number 228406.

Description ASSY, FINAL, TUNNEL, INTAKE, SIDE, ZONE,

Quantity 1

Item	Quantity	Arpac Part	Description
1	1	199216.018	ASSY, TUNNEL, INTAKE, SIDE, ZONE, SINGLE L = 70, WT = 24, H = 16
2	1	121063.203	ASSY, TRAY, ELEMENT, 6 X 3000W X 230V, SERIES WIRING FOR 460V, 24" WT
3	1	121130.000A	ASSY, BLOWER, TUNNEL, 1 HP, 230/460V, STD



WT = INSIDE TUNNEL WIDTH
 A = OVERALL WIDTH
 B = ACTUAL INSIDE WIDTH
 C = DISTANCE BETWEEN FR
 MTG MEMBERS
 D = TUNNEL PLATEFORM WID

	TUNNEL PLATFORM WIDTH			
74	83 1/2	73 3/4	74 1/2	73 3/8
70	79 1/2	69 3/4	70 1/2	69 3/8
64	73 1/2	63 3/4	64 1/2	63 7/16
58	67 1/2	57 3/4	58 1/2	57 7/16
54	63 1/2	53 3/4	54 1/2	53 7/16
48	57 1/2	47 3/4	48 1/2	47 1/2
44	53 1/2	43 3/4	44 1/2	43 1/2
40	49 1/2	39 3/4	40 1/2	39 1/2
36	45 1/2	35 3/4	36 1/2	35 9/16
32	41 1/2	31 3/4	32 1/2	31 9/16
28	37 1/2	27 3/4	28 1/2	27 9/16
24	33 1/2	23 3/4	24 1/2	23 5/8
20	29 1/2	19 3/4	20 1/2	19 5/8
WT	A	B	C	D

H = INSIDE TUNNEL HEIGHT
D = OVERALL HEIGHT FROM FRA

NOTE: THIS ASSEMBLY APPLIES TO BOTH
RH AND LH VERSIONS. RH SHOWN
ABOVE. FOR LH ASSEMBLY, EXCHANGE
POSITIONS OF ITEMS 10 AND 11 AND
ROTATE ITEM 21 180 DEGREES ABOUT
A VERTICAL AXIS THROUGH ITS CENTER.
FOR HANDEDNESS, REFER TO MACHINE
LAYOUT DRAWING AND MACHINE
SPECIFICATIONS.

PART NUMBER 199216-??? SHOWN
L = 50, WT = 24, H = 16.

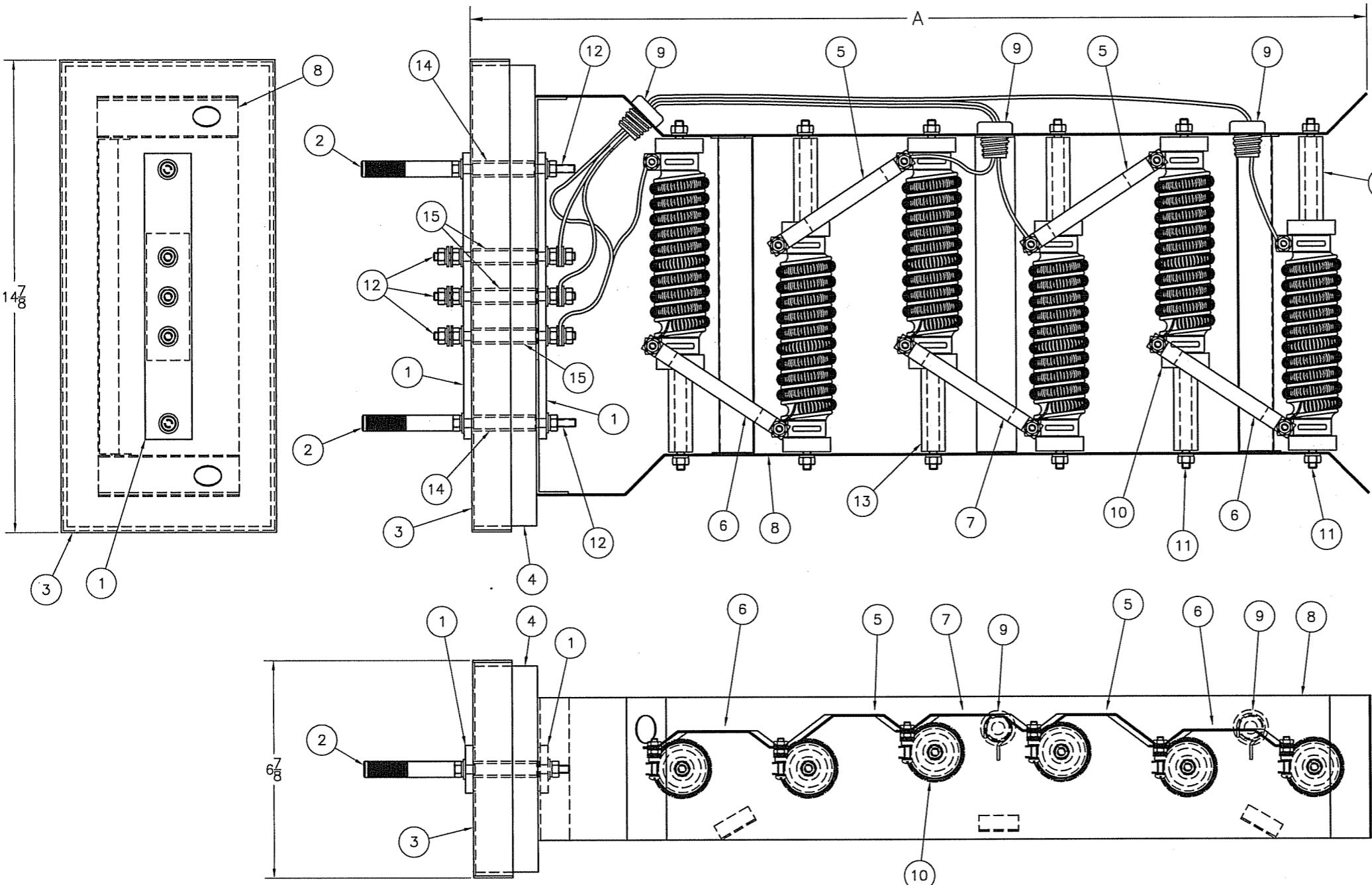
FINISH— PAINT PER CUSTOMER SPE

DRAWING NUMBER:
199216L

Parent Number 8873
 Model 107-20

Assembly Part Number 199216.018
 Description ASSY, TUNNEL, INTAKE, SIDE, ZONE, SINGLE
 Quantity 1

Item	Quantity	Arpac Part	Description
1	2	101236.	NUT, CLEVIS, ADJ, BAFFLE, TUNNEL, SML
2	2	101238.	NUT, CLEVIS, ADJ, BAFFLE, TUNNEL, LRG
3	1	105713.301	TOP, HOUSING, OUTER, TUNNEL, 70" LG TNL, 24" WT
4	1	107068.001	CAP, END, DIVERTER, AIR, MOD, RH
5	1	107068.002	CAP, END, DIVERTER, AIR, MOD, LH
6	2	107061.006	WLDMT, DEFLECTOR, AIR, 27.500 LG, 70" & 110" TUNNEL LENGTHS
7	1	107062.013	WLDMT, SHAFT, CONTROL, AIR, RH, 28.500 LG, 70" & 110" TUNNEL LENGTHS
8	1	107062.014	WLDMT, SHAFT, CONTROL, AIR, LH, 28.500 LG, 70" & 110" TUNNEL LENGTHS
9	2	107063.006	ANGLE, DAMPER, COTNROL, AIR, 24.250, LG, 70" & 110" TUNNEL LENGTHS
10	1	114073.301	PLT, SIDE, HOUSING, OUTER, TUNNEL, W/CUTOUT, L = 70", H = 16"
11	1	114074.301	PLT, SIDE, HOUSING, OUTER, TUNNEL, W/O CUTOUT, L = 70", H = 16"
12	4	114075.001	BAR, CLAMP, CURTAIN, TUNNEL, SIDE, HS = 16, HU = 14
13	2	114075.101	BAR, CLAMP, CURTAIN, TUNNEL, TOP, 24" INSIDE TUNNEL WIDTH
14	2	113778.	DUCT, AIR, CENTER
15	2	121072.	WLDMT, BAFFLE, SIDE, INTAKE, SCREEN, FIXED, 16 HIGH TUNNEL
16	1	200434.139	LINER, INNER, END, EXIT, TUNNEL, INTAKE, SIDE, L = 70 & 110, WT = 24, H = 16
17	1	200433.139	LINER, INNER, END, ENTRY, TUNNEL, INTAKE SIDE, L = 70 & 110, WT = 24, H = 16
19	1	121280.003	WLDMT, FRAME, CONTROL, AIR, SIDE, LH, 70" LG TUNNEL
20	1	121280.103	WLDMT, FRAME, CONTROL, AIR, SIDE, RH, 70" LG TUNNEL
21	1	199211.202	ASSY, HOUSING, INR, TUNNEL, INTAKE, SIDE ZONE, SINGLE, L = 70, WT = 24, H = 16
22	2	121088.	SCREEN, INTAKE, FIXED, TUNNEL
23	4	802685.	KNOB, BLACK, PLASTIC 5/16-18 FEM
24	1	803394.	MTL, CURTAIN RED 1 SQ YARD, 38" WIDE, 15 MIL
25	1	803426.	INSULATION, MONOBLK, 2 X 12X 36 1 BOX, 24 SQ FEET, 8 SHEETS
26	1	803427.	INSULATION, ROCBOARD, 2 X 24X 48 1 BOX, 48 SQUARE FEET, 6 SHEETS
27	4	141730.002	CRS TBG DOM 3/4 OD X 3/16 WALL, 1.500 LG
28	1	105384.	DEFLECTOR, TOP, TUNNEL, OUTER, UPSTRM, 55GI, 24" INSIDE TUNNEL WIDTH
29	1	105385.	DEFLECTOR, TOP, TUNNEL, INNER, UPSTRM, 55GI, 24" INSIDE TUNNEL WIDTH
30	1	114045.001	DEFLECTOR, TOP, TUNNEL, INNER, DNSTRM, 55GI, 24" INSIDE TUNNEL WIDTH
31	1	114046.001	DEFLECTOR, TOP, TUNNEL, OUTER, DNSTRM, 55GI, 24" INSIDE TUNNEL WIDTH
32	2	105383.	DEFLECTOR, TUNNEL, INNER, 55GI
33	1	113779.001	WLDMT, BAFFLE, DUCT, AIR, CENTER, LH
34	1	113779.002	WLDMT, BAFFLE, DUCT, AIR, CENTER, RH



PART NUMBER = 121063-XY

VOLTS = VOLTAGE FOR ENTIRE TRAY
VE = VOLTAGE FOR SINGLE ELEMENT

		3000	804016-019	13
575	300	2500	804016-018	12
		2000	804016-017	11
		3500	804016-015	04
		3000	804016-014	03
460	230	2500	804016-013	02
		2000	804016-012	01
VOLTS	VE	WATTS	ITEM #10	Y

15	3	141722-002	SS RND TBG 1/2 OD x 16 Ga WALL x 2 3/32 LG
14	2	141722-001	SS RND TBG 1/2 OD x 16 Ga WALL x 1 31/32 LG
13	6	141730-001	CRS RND TBG 3/4 OD x 3/16 WALL x 2 5/8 LG
12	5	141723-004	SS THRD ROD, 1/4-20, 4 1/2 LG
11	6	141723-001	SS THRD ROD, 1/4-20, 11 LG
10	6	804016-XXX	HEATER
9	3	803878	BUSH, CERAMIC, #20, W/ CLAMP
8	1	121060-XXX	WLDMT, FRAME, TRAY, ELEMENT, 6
7	1	108680-XXX	STRAP, CONNECTOR, ELEMENT, "D" LG
6	2	108680-XXX	STRAP, CONNECTOR, ELEMENT, "C" LG
5	2	108680-XXX	STRAP, CONNECTOR, ELEMENT, "B" LG
4	1	107067	INSULATION, COVER, TRAY, ELEMENT
3	1	102502	COVER, TRAY, ELEMENT
2	2	101977	HANDLE, TRAY, ELEMENT
1	2	101976	INSULATOR, TRAY, ELEMENT
ITM	QTY	PART NUM	DESCRIPTION

BILL OF MATERIAL

ARPAC 9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:
FRACTIONS $\pm 1/64$
TWO (2) DECIMALS ± 0.010
THREE (3) DECIMALS ± 0.005
ANGLES $\pm 0.5^\circ$

DRAWN: 9-10-98 BY: JPC SCALE: 1/4"=1" SIZE: B

RELEASED: 9-10-98 FILENAME: 121063 APPROVED BY: JPC

DESCRIPTION: ASSY, TRAY, ELEMENT, 6, TUNNEL, SERIES WIRING

DRAWING NUMBER:
121063

WT = INSIDE TUNNEL WIDTH

44	48	13/32	108680-016	7	21/32	108680-015	7	15/32	108680-018	13	3/16	121060-006	7
40	44	13/32	108680-016	7	21/32	108680-015	7	15/32	108680-018	13	3/16	121060-005	6
36	40	13/32	108680-009	6	3/4	108680-014	6	9/16	108680-018	13	3/16	121060-004	5
32	36	13/32	108680-009	6	3/4	108680-014	6	9/16	108680-017	9	11/32	121060-003	4
28	32	13/32	108680-013	5	29/32	108680-012	5	11/16	108680-017	9	11/32	121060-002	3
24	28	13/32	108680-013	5	29/32	108680-012	5	11/16	108680-012	5	11/16	121060-001	2
20	24	13/32	108680-010	5	3/16	108680-004	5		108680-011	5	9/32	121060-000	1
WT	A		ITEM #5	B		ITEM #6	C		ITEM #7	D		ITEM #8	X

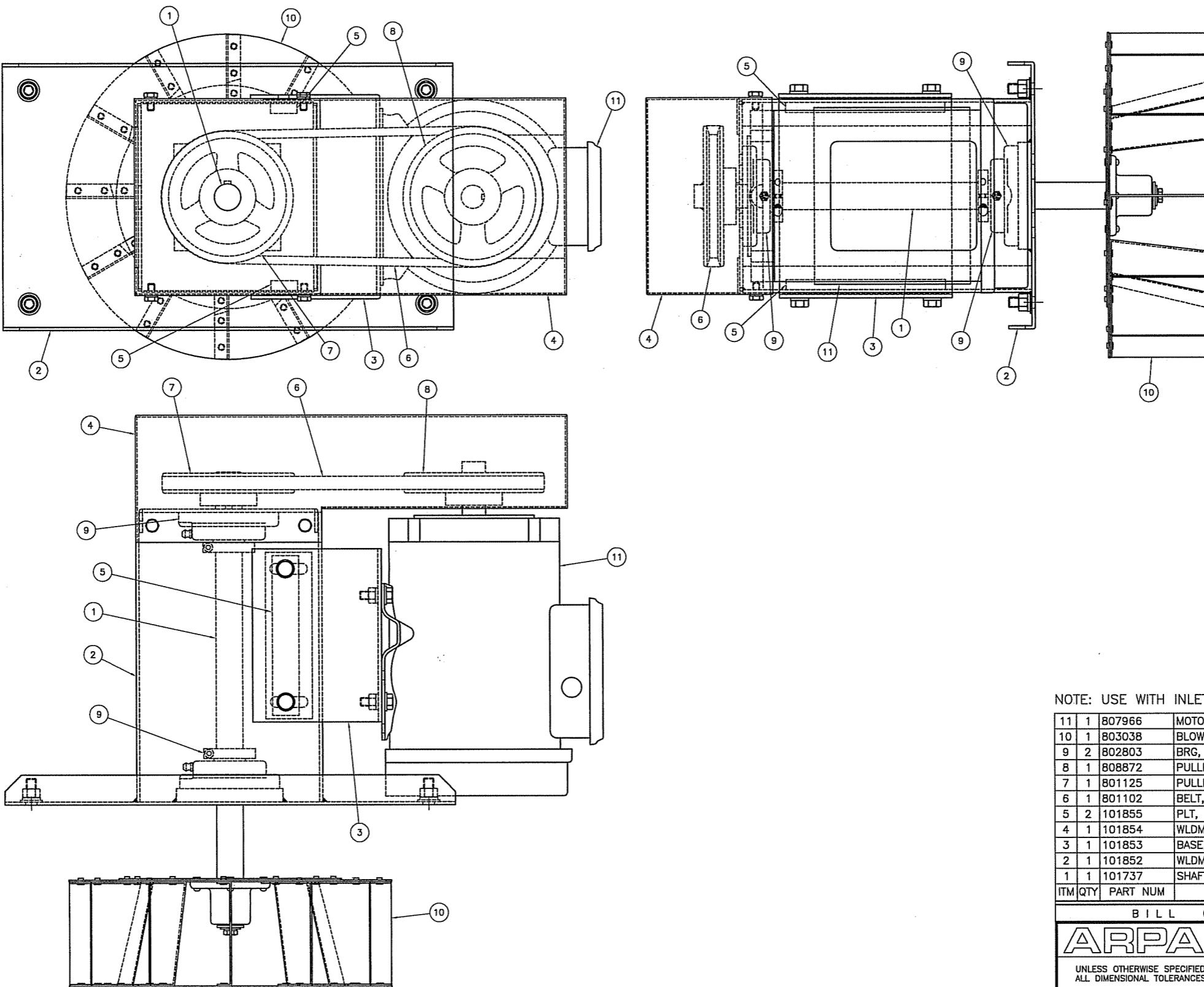
BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873
Model 107-20

Assembly Part Number 121063.203
Description ASSY, TRAY, ELEMENT, 6 X 3000W X 230V,
Quantity 1

Item	Quantity	Arpac Part	Description
1	2	101976.	INSULATOR, TRAY, ELEMENT
2	2	101977.	HANDLE, TRAY, ELEMENT
3	1	102502.	COVER, TRAY, ELEMENT, INTAKE, SIDE
4	1	107067.	INSULATION, COVER, TRAY, ELEMENT
5	2	108680.013	STRAP, CONNECTOR, ELEMENT, 5.906 LG
6	3	108680.012	STRAP, CONNECTOR, ELEMENT, 5.688 LG
8	1	121060.001	WLDMT, FRAME, TRAY, ELEMENT, 6, 24" WT
9	3	803878.	BUSH, CERAMIC, #20, W/ CLAMP
10	6	804016.014	HEATER, 3000W 240V
11	6	141723.001	SS THD ROD 1/4-20, 11.000 LG
12	5	141723.004	SS THD ROD 1/4-20, 4.500 LG
13	6	141730.001	CRS TBG DOM 3/4 OD X 3/16 WALL, 2.625 LG



NOTE: USE WITH INLET CONE #803039

ITEM	QTY	PART NUM	DESCRIPTION
11	1	807966	MOTOR, 1 HP, 230/460V, 60HZ, 3PH
10	1	803038	BLOWER, WHEEL, TUNNEL, 3/4 BORE
9	2	802803	BRG, FLG, 1 ID, 4-BOLT, SKWEZLOC ID
8	1	808872	PULLEY, GROOVE, SINGLE, 7/8 BORE
7	1	801125	PULLEY, GROOVE, SINGLE, 1" BORE
6	1	801102	BELT, V, 34"
5	2	101855	PLT, NUT, MOTOR, BLOWER, TUNNEL
4	1	101854	WLDNT, GUARD, BELT, BLOWER, TUNNEL
3	1	101853	BASE, MOTOR, BLOWER, TUNNEL
2	1	101852	WLDNT, TOWER, BLOWER, TUNNEL
1	1	101737	SHAFT, DRIVE, BLOWER, TUNNEL

BILL OF MATERIAL

ARPAC 9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:
FRACTIONS $\pm \frac{1}{64}$
TWO (2) DECIMALS ± 0.010
THREE (3) DECIMALS ± 0.005
ANGLES $\pm 0.5^\circ$

DRAWN: 1-4-99 By: JPC SCALE: 3/8"-1" SIZE: C

RELEASED: 1-4-99 FILENAME: 121130 APPROVED BY: JPC

DESCRIPTION: ASSY, BLOWER, TUNNEL, 1HP, 230/460V, STD

DRAWING NUMBER:
121130

BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873

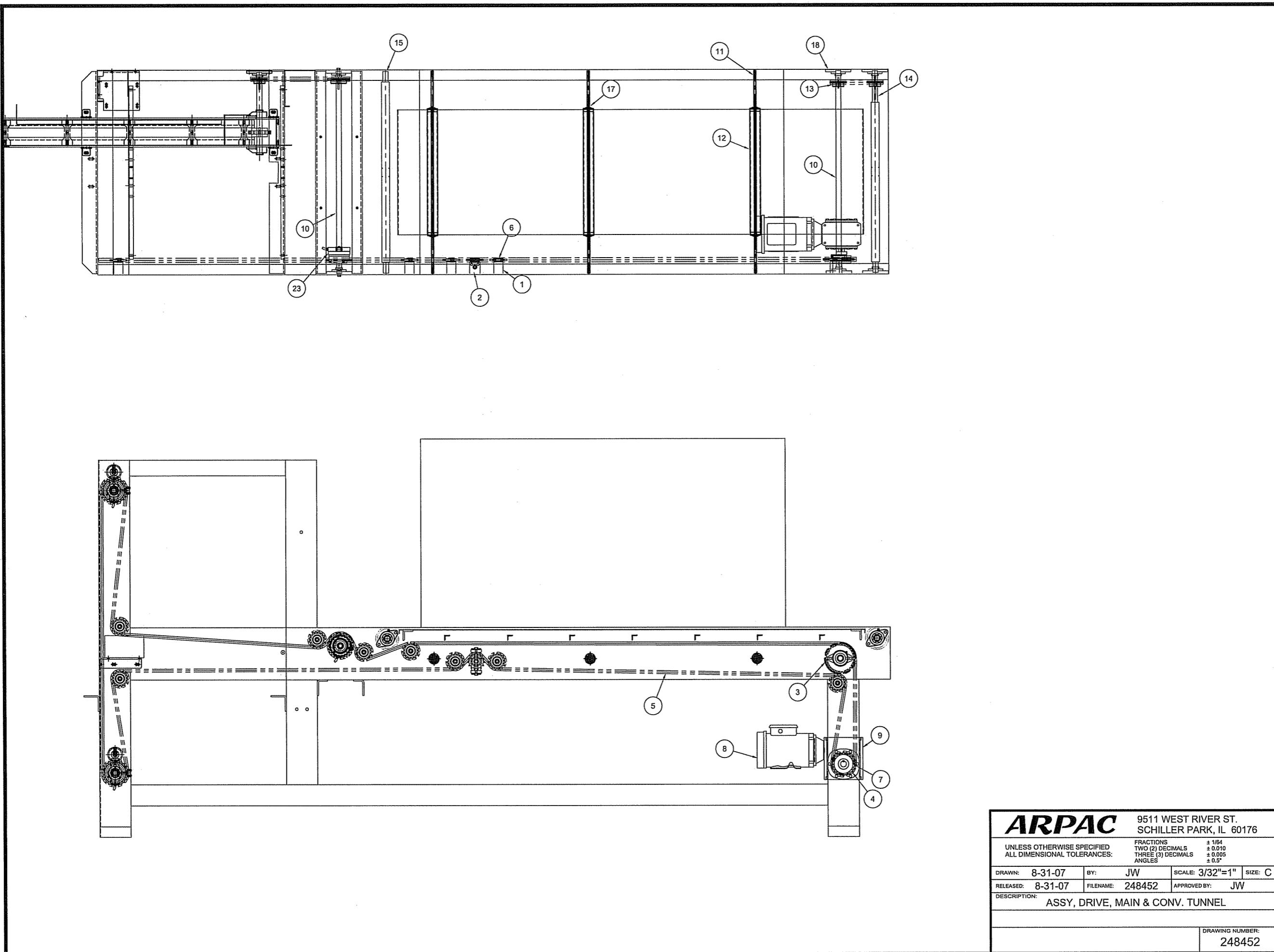
Model 107-20

Assembly Part Number 121130.000A

Description ASSY, BLOWER, TUNNEL, 1 HP, 230/460V,

Quantity 1

Item	Quantity	Arpac Part	Description
1	1	101737.	SHAFT, DRV, BLOWER, TNL
2	1	101852.	WLDMT, TOWER, BLOWER, TUNNEL
3	1	101853.	BASE, MOTOR, BLOWER, TUNNEL
4	1	101854.	WLDMT, GUARD, BELT, BLOWER, TUNNEL
5	2	101855.	PLT, NUT, MOTOR, BLOWER, TUNNEL
6	1	801102.	BELT, V, 4L SECT, 34 LG
7	1	801125.	SHEAVE, SINGLE, 1 BORE, 4.70 PD, 4L OR A SECT
8	1	808872.	SHEAVE, SINGLE, 7/8 BORE, 5.00 PD, 4L OR A SECT
9	2	802803.	BRG, FLG, 1 ID, 4-BOLT, SKWEZLOC INSERT, STANDARD-DUTY
10	1	803038.	BLOWER, WHEEL, TUNNEL 3/4 BORE
11	1	807966.	MOTOR, 1 HP, 230/460V, 60HZ, 3PH, FC143TC , TEFC, FOOT MNT, HI-EFFICIENCY



BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873

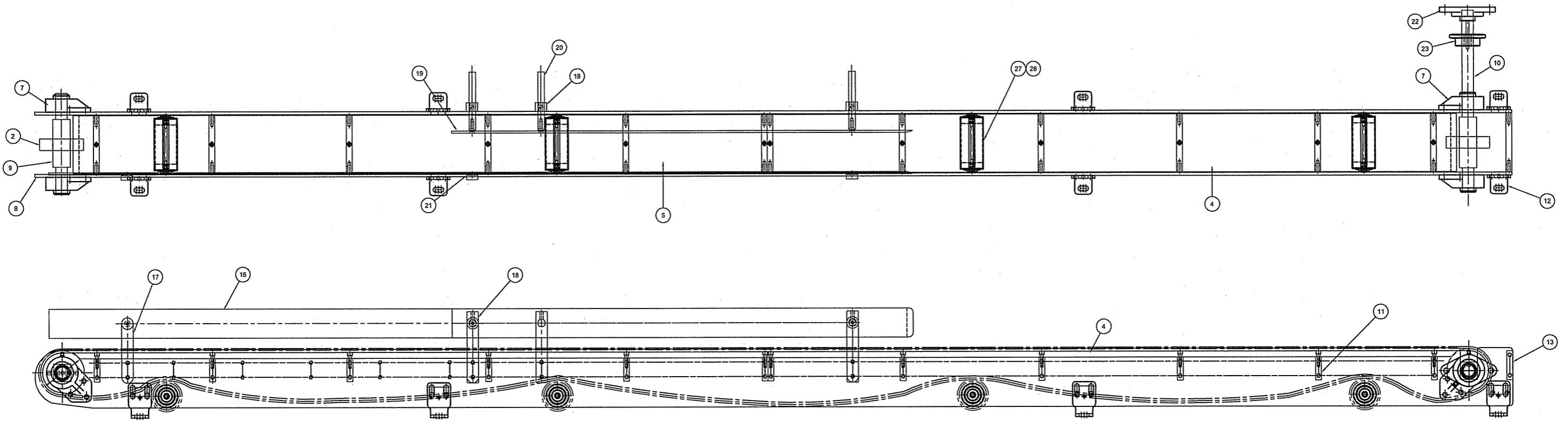
Model 107-20

Assembly Part Number 248452.

Description ASSY, DRIVE, MAIN, & CONV TUNNEL, #8873

Quantity 1

Item	Quantity	Arpac Part	Description
1	9	101794.	SPACER, SPKT, IDL, 2.250 LG
2	1	101965.	ASSY, SLIDE, TAKE-UP, CHAIN, 2.250, STD
3	1	124713.	SPKT, 50B28, MOD, 1.000 BORE
4	1	806463.001	SPKT, 50A22G, 2.000 ID, FOR DALTON TORQUE-LIMITER #OSD-362
5	40	800468.	CHAIN, RLR, #50
6	11	800905.	SPKT, 50BB15H, IDLER, 5/8 ID HARDENED TEETH
7	1	802896.	LIMITER, TORQUE, 1-1/8 BORE, 2-1/8 LG
8	1	803241.	MOTOR, 1-1/2 HP, 230/460V, 60HZ, 3PH, FJ145TC FRM, TEFC-EM, ENERGY EFFICIENT
9	1	822350.	GEARBOX, WORM, 25:1, 14OTC/180C FACE, QUILL TYPE
10	2	101574.002	SHAFT, JACK, DRV, TUNNEL, 38.375 LG
11	3	101811.004	SHAFT, RLR, HEX, 7/16, TAPPED, 1/4-20, 38.625 LG, 32.000 SEAL WIDTH
12	3	101814.046	RLR, IDL, CRS, 2.000, 24.000 LG
13	3	101826.	SPKT, 50B14, MOD, 1.000 BORE
14	1	108067.008	SHAFT, DRIVE, TUNNEL, BELT, INTRALOX, 38.375 LG, 39" FRAME WIDTH
15	1	108068.007	SHAFT, IDL, TUNNEL, BELT, INTRALOX, 38.375 LG, 39" FRAME WIDTH
16	1	248453.	PLATFORM, TUNNEL
17	6	800566.	COLLAR, SHAFT, CLAMP, 2-PIECE, 1/2
18	6	802760.	BRG, FLG, 1 ID, 2-BOLT
19	10	806043.	SPKT, 12T, 1-1/2 SQ BORE, 4.1 PD, ACETAL
20	18	806202.	BELT, NYLON, NON FDA, DARK BROWN, FLUSH GRID, 20.6"W, 1.07 P
21	4	807167.	RING, SNAP, EXTERNAL, 2 1/16" SHAFT, BLACK OXIDE FINISH
22	1	101849.	SPKT, 50B20, MOD, 0.875 BORE
23	1	803022.	CLUTCH, 1 BORE, 22 FT-LB, 95VDC



ARPAC 9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED	FRACTIONS	$\pm \frac{1}{64}$
TWO (2) DECIMALS	DECIMALS	± 0.005
ALL DIMENSIONAL TOLERANCES:	THREE (3) DECIMALS	± 0.005
ANGLES	ANGLES	$\pm 0.5^\circ$
DRAWN: 8-28-07	BY: JW	SCALE: 1/4"=1"
RELEASED: 8-28-07	FILE#:	248436 APPROVED BY: JW
DESCRIPTION: ASSY, INFEED		
DRAWING NUMBER: 248436		

BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873

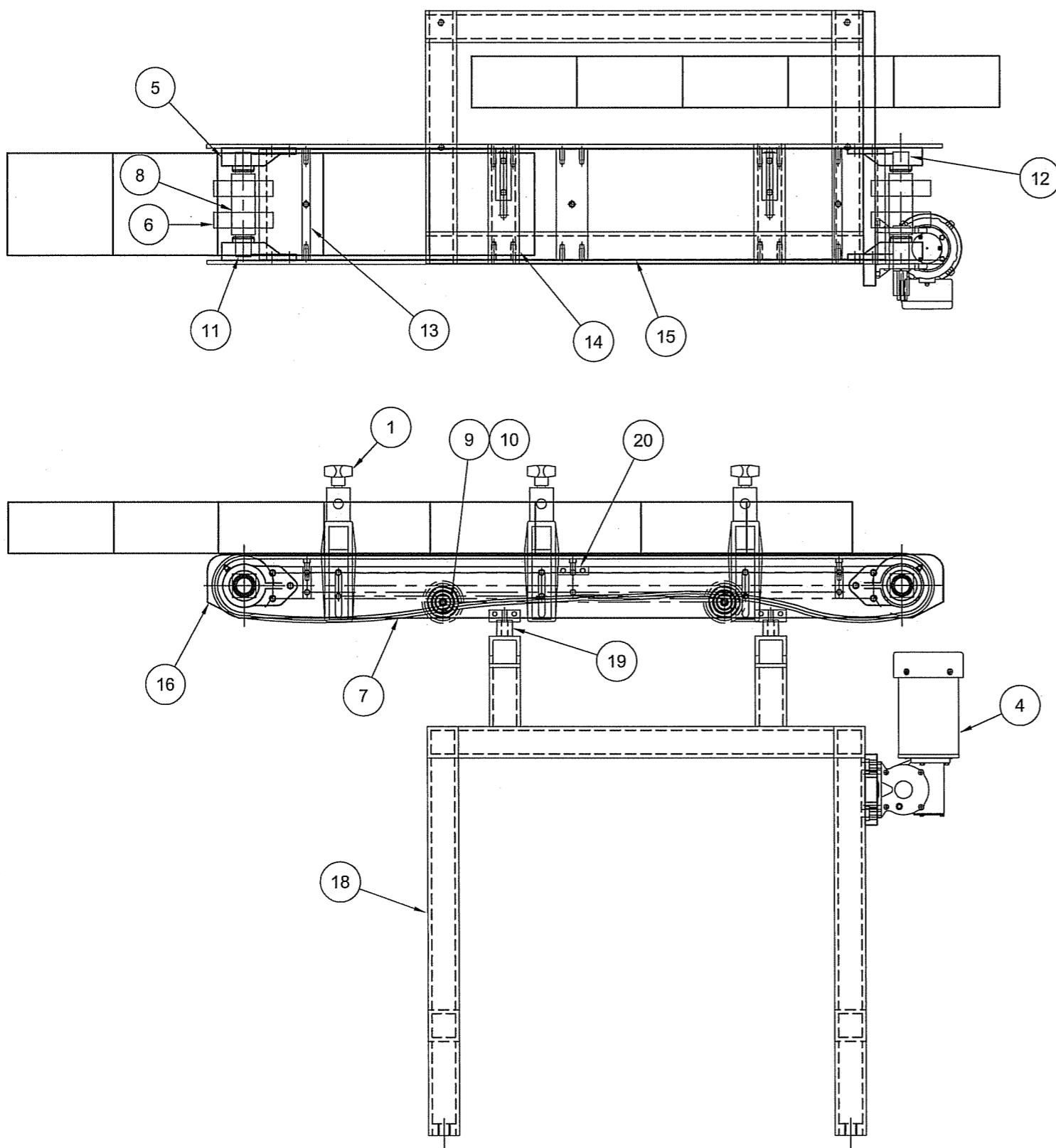
Model 107-20

Assembly Part Number 248436.000A

Description ASSY, INFFED

Quantity 1

Item	Quantity	Arpac Part	Description
1	23	808200.	BELT, ACETAL, BLUE, FLAT TOP, 5"W
2	2	809086.	SPKT, 20T, 1-1/2 SQ BORE, 3.8 PD, NATURAL ACETAL
4	1	248455.	PLT, BED, I
5	1	248456.	PLT, BED, II
7	4	802746.	BRG, FLG, 1 ID, 3-BOLT, STANDARD DUTY
8	2	248457.	PLT, SIDE, INFEED
9	1	248458.	SHAFT, TAIL, CHAIN, FLAT TOP
10	1	248459.	SHAFT, DRIVE, CHAIN, FLAT TOP
11	12	248460.	PLT, MEMBER, CROSS
12	8	248442.	BRKT, LEG, MTG, CONV, CRS, SLOTTED
13	1	248462.	BAR, CROSS, END
16	1	248444.	GUIDE, FIXED
17	3	248464.	PLT, GUIDE, INF STRAIGHT SECTION
18	2	248461.	POST, GUIDE, INF STRAIGHT SECTION
19	1	248445.	PLT, GUIDE, ADJ
20	2	225716.002	ROD, GUIDE, ADJ, 5.500 LG W/FLAT
21	3	244101.	SPACER, GUIDE
22	1	802760.	BRG, FLG, 1 ID, 2-BOLT
23	1	101826.	SPKT, 50B14, MOD, 1.000 BORE
24	1	121149.	ASSY, SLIDE, TAKE-UP, CHAIN, 1.125
25	1	800905.	SPKT, 50BB15H, IDLER, 5/8 ID HARDENED TEETH
26	4	807167.	RING, SNAP, EXTERNAL, 2 1/16" SHAFT, BLACK OXIDE FINISH
27	4	101814.088	RLR, IDL, CRS, 2.000, 4.375 LG
28	4	101811.157	SHAFT, RLR, HEX, 7/16, TAPPED, 1/4-20, 5.125 LG



ARPAC		9511 WEST RIVER ST. SCHILLER PARK, IL 60176		
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONAL TOLERANCES:				
FRACTIONS	$\pm 1/64$			
TWO (2) DECIMALS	± 0.010			
THREE (3) DECIMALS	± 0.005			
ANGLES	$\pm 0.5^\circ$			
DRAWN:	9-7-07	BY: JW	SCALE: 1/8"-1"	SIZE: B
RELEASED:	9-7-07	FILENAME: 248468	APPROVED BY: JW	
DESCRIPTION: ASSY, CONV. DELIVERY				
				DRAWING NUMBER: 248468

BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873

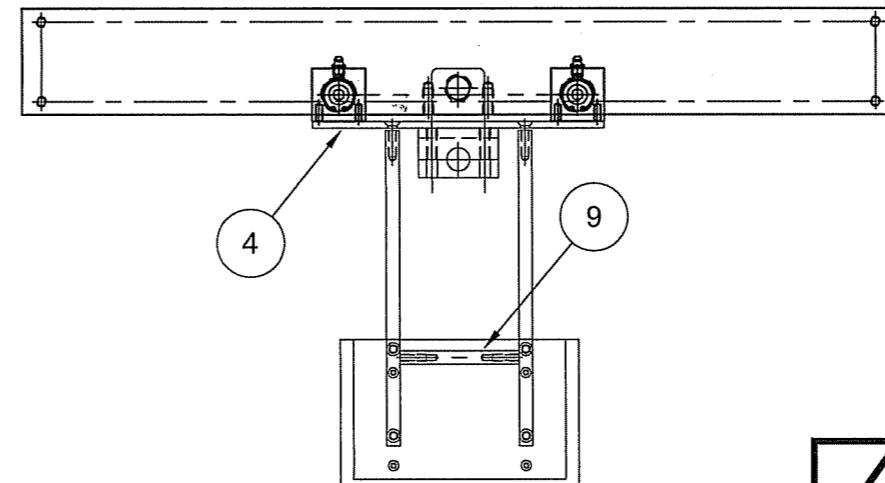
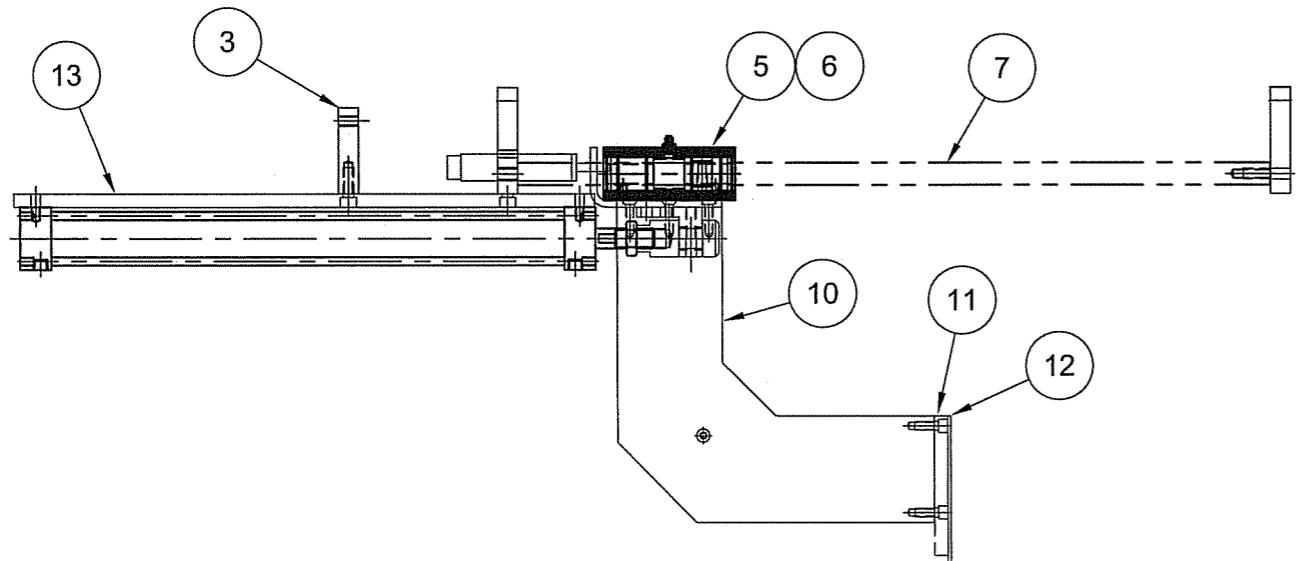
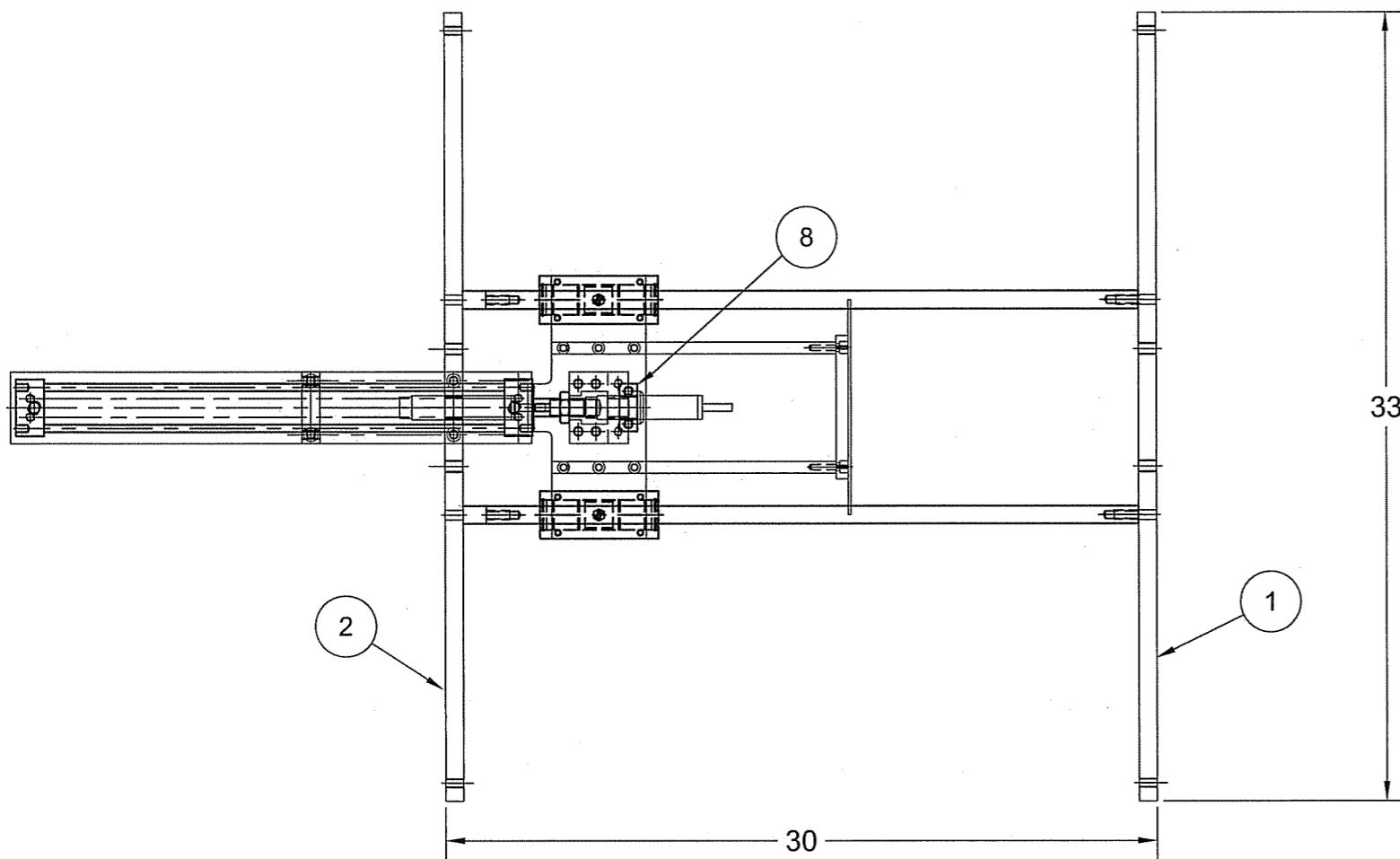
Model 107-20

Assembly Part Number 248468.

Description ASSY, CONV, DELIVERY

Quantity 1

Item	Quantity	Arpac Part	Description
1	3	807698.	BKT, SWIVEL, 5/8 ROD, W/KNOB AND EYLET, POLYAMIDE
2	3	808640.	ROD, ADJ, 5/8 DIA X 6 LG, 3/8-16 TAPPED THREAD, SS
3	4	805978.	LEVELER, ARTICULATING, 2600# CAP, 3/4-10 STEM, 7.69 HIGH, ZINC PLATED
4	1	823548.	MOTOR, GEAR, 1/4 HP, 230/460 VAC, 85 RPM RIGHT ANGLE, TEFC
5	4	802746.	BRG, FLG, 1 ID, 3-BOLT, STANDARD DUTY
6	4	809086.	SPKLT, 20T, 1-1/2 SQ BORE, 3.8 PD, NATURAL ACETAL
7	10	816783.	BELT, ACETAL, BLUE, FLAT TOP, 7" W
8	4	807167.	RING, SNAP, EXTERNAL, 2 1/16" SHAFT, BLACK OXIDE FINISH
9	2	101811.270	SHAFT, RLR, HEX, 7/16, TAPPED, 1/4-20, 7.125 LG, SPIND-A-PAC
10	2	101814.118	RLR, IDL, CRS, 2.000, 6.375 LG
11	1	248469.	SHAFT, TAIL, CHAIN, FLAT TOP
12	1	248470.	SHAFT, DRIVE, CHAIN, FLAT TOP
13	2	248471.	PLT, MEMBER, CROSS
14	2	248472.	PLT, MTG, MEMBER, CROSS
15	1	248473.	PLT, BED
16	2	248474.	PLT, SIDE, CONV, DELIVERY
17	1	248475.	PLT, MTG, GEARMOTOR
18	1	248476.	WLDMT, FRAME, CONV, DELIVERY
19	2	248477.	SPACER
20	1	248478.	PLT, MEMBER, CROSS, CEN



ARPAC		9511 WEST RIVER ST. SCHILLER PARK, IL 60176					
FRACTIONS $\pm 1/64$ UNLESS OTHERWISE SPECIFIED ± 0.010 ALL DIMENSIONAL TOLERANCES: ± 0.005 TWO (2) DECIMALS $\pm 0.5^*$ THREE (3) DECIMALS $\pm 0.5^*$ ANGLES $\pm 0.5^*$							
DRAWN:	8-22-07	BY:	JW	SCALE:	1/8"=1"	SIZE:	B
RELEASED:	8-22-07	FILENAME:	248405	APPROVED BY:	JW		
DESCRIPTION: ASSY, MAIN RAM							
				DRAWING NUMBER: 248405			

BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873

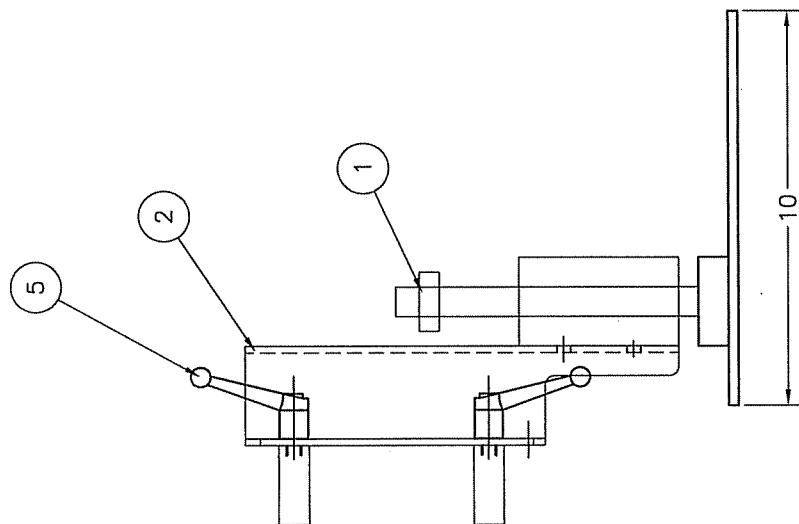
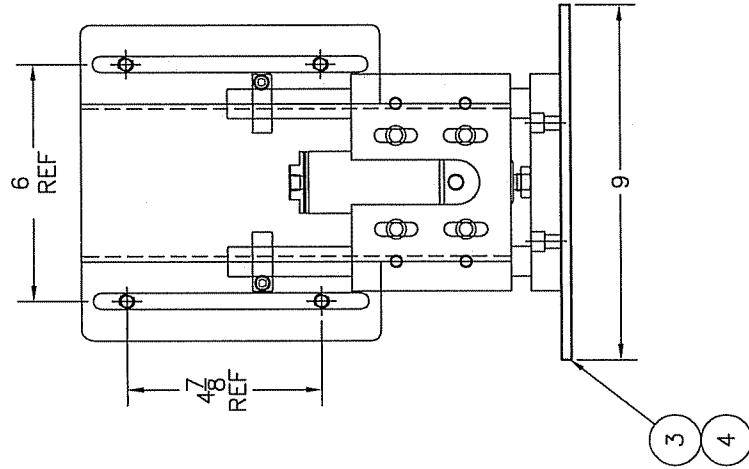
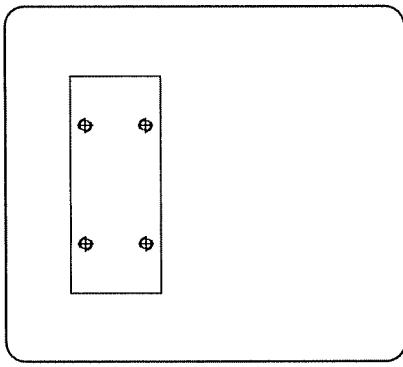
Model 107-20

Assembly Part Number 248405.

Description ASSY, RAM, MAIN

Quantity 1

Item	Quantity	Arpac Part	Description
1	1	248406.	BAR, I, MTG
2	1	248407.	BAR, II, MTG
3	1	248408.	BKT, MTG
4	1	248409.	PLT, MTG, BSG, BLK
5	2	114013.	BLK, BUSH, SHAFT, 0.750, 5" LG, MOD
6	2	101091.001	ASSY, BLK, BUSH, SHAFT, 3/4", 5" LG, STD
7	2	111986.035	SHAFT, THOMSON, 0.750, TAPPED, 3/8-16, 28.500 LG
8	1	119030.	BKT MTG SHK ABS
9	1	101843.035	ROD, CRS, 0.500, TAPPED, 1/4-20, 4.500 LG
10	2	248410.	PLT, ARM
11	1	248411.	PLT, SUPPORT
12	1	248412.	PLT, PUSH
13	1	248413.	PLT, MTG, CYL
14	1	239577.	BRKT, CYL, MOUNT, FLEXBL
15	1	239578.	ROD, COUPLING
16	2	800017.	SHOCK, 1-12 THRD, 1 STROKE
17	2	800018.	BUTTON, NYLON, USED WITH MC-600
18	2	800020.	NUT, LOCK, 1-12 THRD, USED WITH MC-600
19	2	801513.	COLLAR, STOP, 1-12 THRD, 1.75 LG, USED WITH MC-600
20	1	801974.	CYL, AIR, 1-3/4 BORE, 18 STROKE, AL SQUAREHEAD, CLEVIS MNT
21	1	248402.001	WLDMT, STOP
22	1	248402.002	WLDMT, STOP



ARPA 9511 WEST RIVER ST.
SCHILLER PARK, IL 60176
FRACTIONS $\pm \frac{1}{64}$
TWO (2) DECIMALS ± 0.010
THREE (3) DECIMALS ± 0.005
ANGLES $\pm 0.5^\circ$

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:

DRAWN: 8-30-07 BY: JW SCALE: 1/4" = 1" SIZE: A
RELEASED: 8-30-07 FILENAME: 248446 APPROVED BY: JW
DESCRIPTION: ASSY, HOLD DOWN

DRAWING NUMBER: 248446

BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873

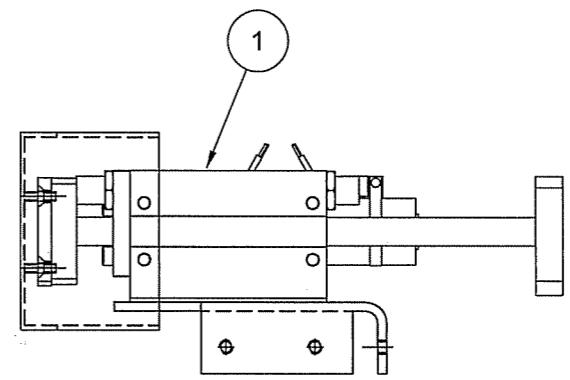
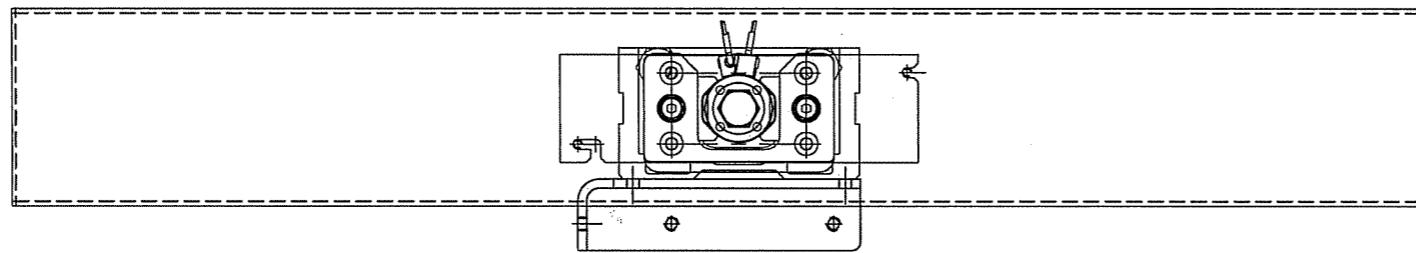
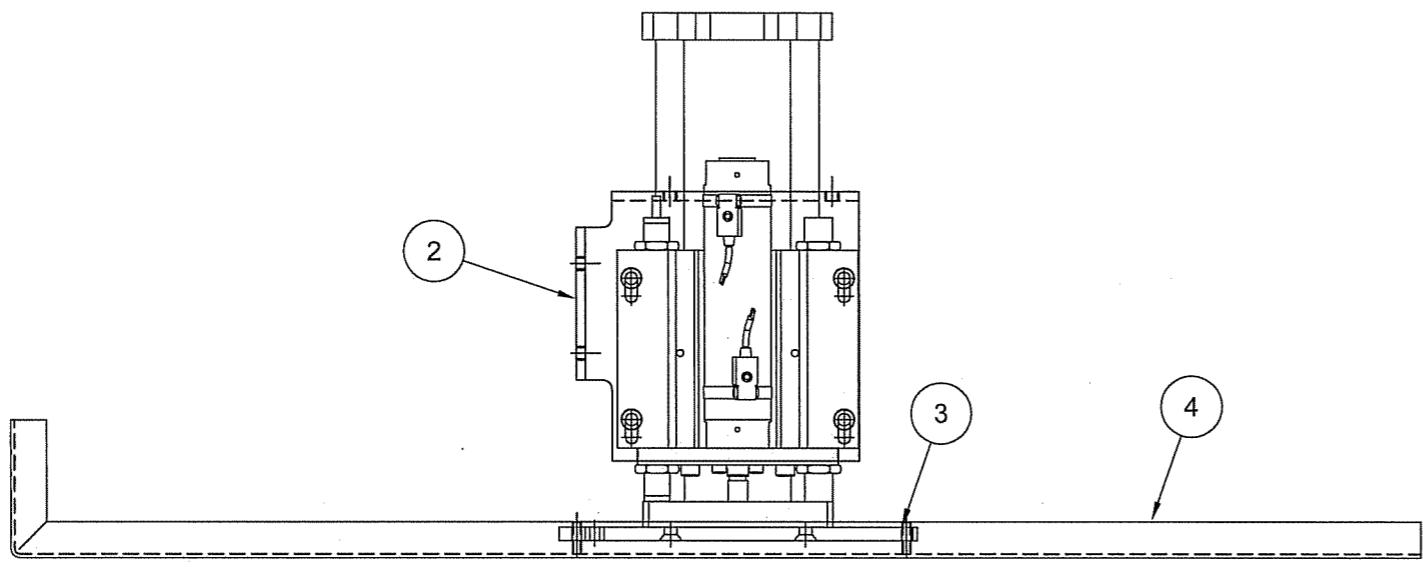
Model 107-20

Assembly Part Number 248446.

Description ASSY, HOLD DOWN, PRODUCT

Quantity 1

Item	Quantity	Arpac Part	Description
1	1	808206.	THRUSTER, 1 1/2 BORE, 2" STROKE
2	1	224641.	BRKT, HOLD DOWN, PRODUCT
3	1	248447.	PLT, HOLD DOWN
4	0.10	803375.	RUBBER, SPONGE SILICONE SH 3/8 X 36 X 36
5	4	808028.	HDL, ADJ, ZINC, 2-1/2 LG 3/8-16 X .78 STUD



ARPAC		9511 WEST RIVER ST. SCHILLER PARK, IL 60176	
FRACTIONS $\pm 1/64$ TWO (2) DECIMALS ± 0.010 THREE (3) DECIMALS ± 0.005 ANGLES $\pm 0.5^\circ$			
DRAWN:	8-23-07	BY:	JW
RELEASED:	8-23-07	FILENAME:	248414
DESCRIPTION:		APPROVED BY: JW	
ASSY, PUSHER, SIDE			
		DRAWING NUMBER: 248414	

BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873

Model 107-20

Assembly Part Number 248414.

Description ASSY, PUSHER, SIDE

Quantity 1

Item	Quantity	Arpac Part	Description
1	1	826251.	CYL, AIR, 40 BORE, 125 STROKE
2	1	248415.	BKT, MTG, CYL, PUSH, SIDE
3	1	241438.002	PLT, MTG, CYL, RH
4	1	248416.	PLT, PUSHER, SIDE

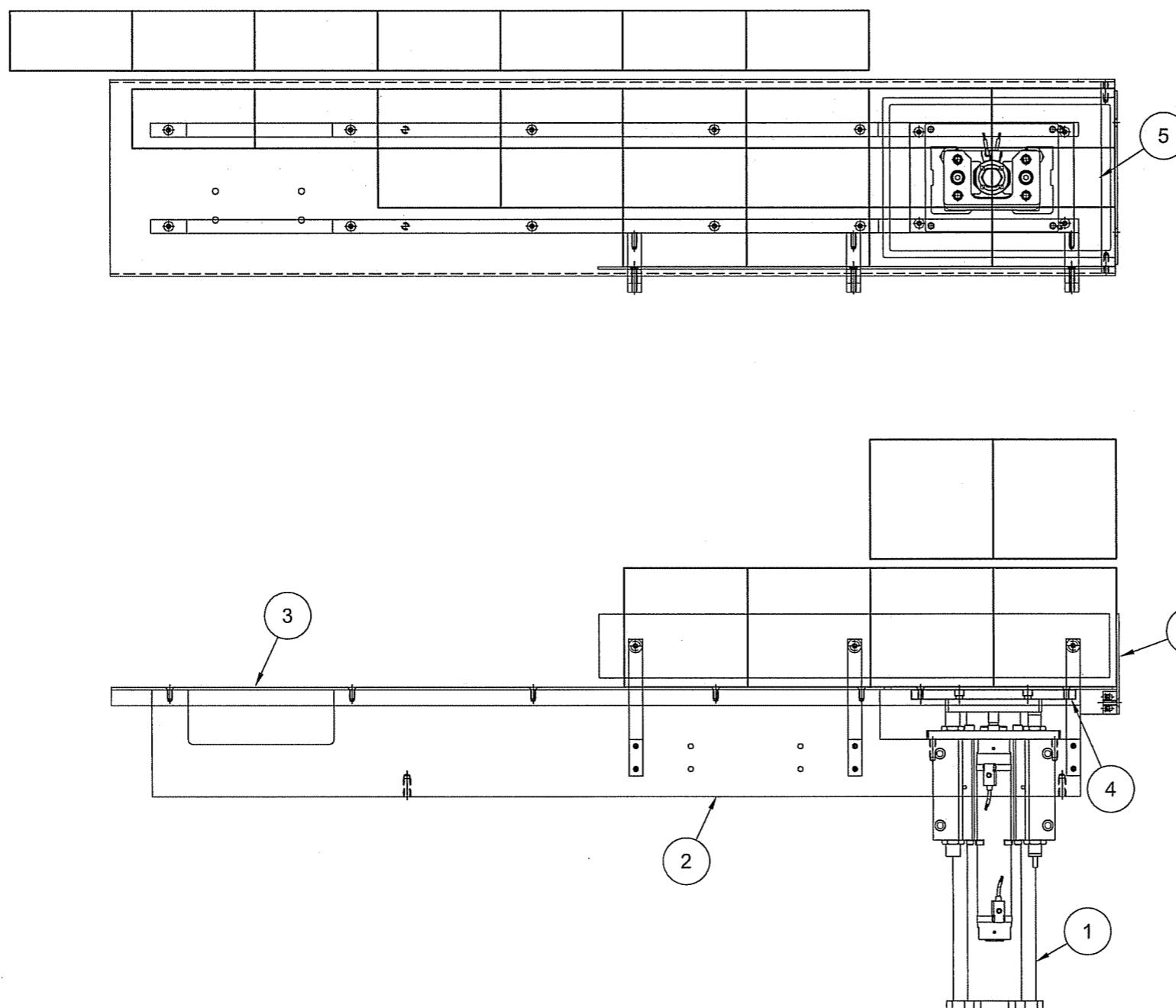
BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873
Model 107-20

Assembly Part Number 008873.096
Description ASSY, PNEUMATICS
Quantity 1

Item	Quantity	Arpac Part	Description
0	1	816654.	KIT, PLATE, END, MANIFOLD, VALVE
2	6	816655.	VALVE, SOL, 115VAC, 1/4 NPTF, LIGHT, SINGLE SOL
3	1	800101.	VALVE, EXHAUST 3WAY SAFETY(DUMP VALVE) 110 VAC
4	1	822555.	FILTER RGLTR
5	1	822556.	LUBRICATOR
6	1	822680.	VALVE, SHUT-OFF, SLIDE GATE, 1/2 NPT
9	1	816683.	SILENCER, EXHAUST, 3/8 NPT, SUPER QUIET FLOW
10	1	816671.	REGULATOR, PRESSURE, SANDWICH, 0-120 PSI DOUBLE SOL
12	1	816672.	DISC, ISOLATOR, 1/4 PORT, VALVE
13	8	800090.	VALVE, CONTROL, FLOW, 1/8" 90DEG
14	2	800091.	VALVE, CONTROL, FLOW, 1/4 90DEG



ARPAC			9511 WEST RIVER ST. SCHILLER PARK, IL 60176
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONAL TOLERANCES:			FRACTIONS $\pm 1/64$ TWO (2) DECIMALS ± 0.010 THREE (3) DECIMALS ± 0.005 ANGLES $\pm 0.5^\circ$
DRAWN:	8-24-07	BY:	JW
RELEASED:	8-24-07	FILENAME:	248417
DESCRIPTION:			SCALE: 1/8"=1" SIZE: B APPROVED BY: JW
			ASSY, LIFT
			DRAWING NUMBER: 248417

BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873

Model 107-20

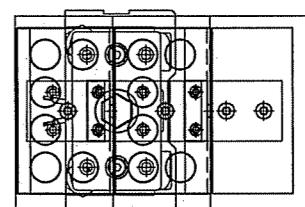
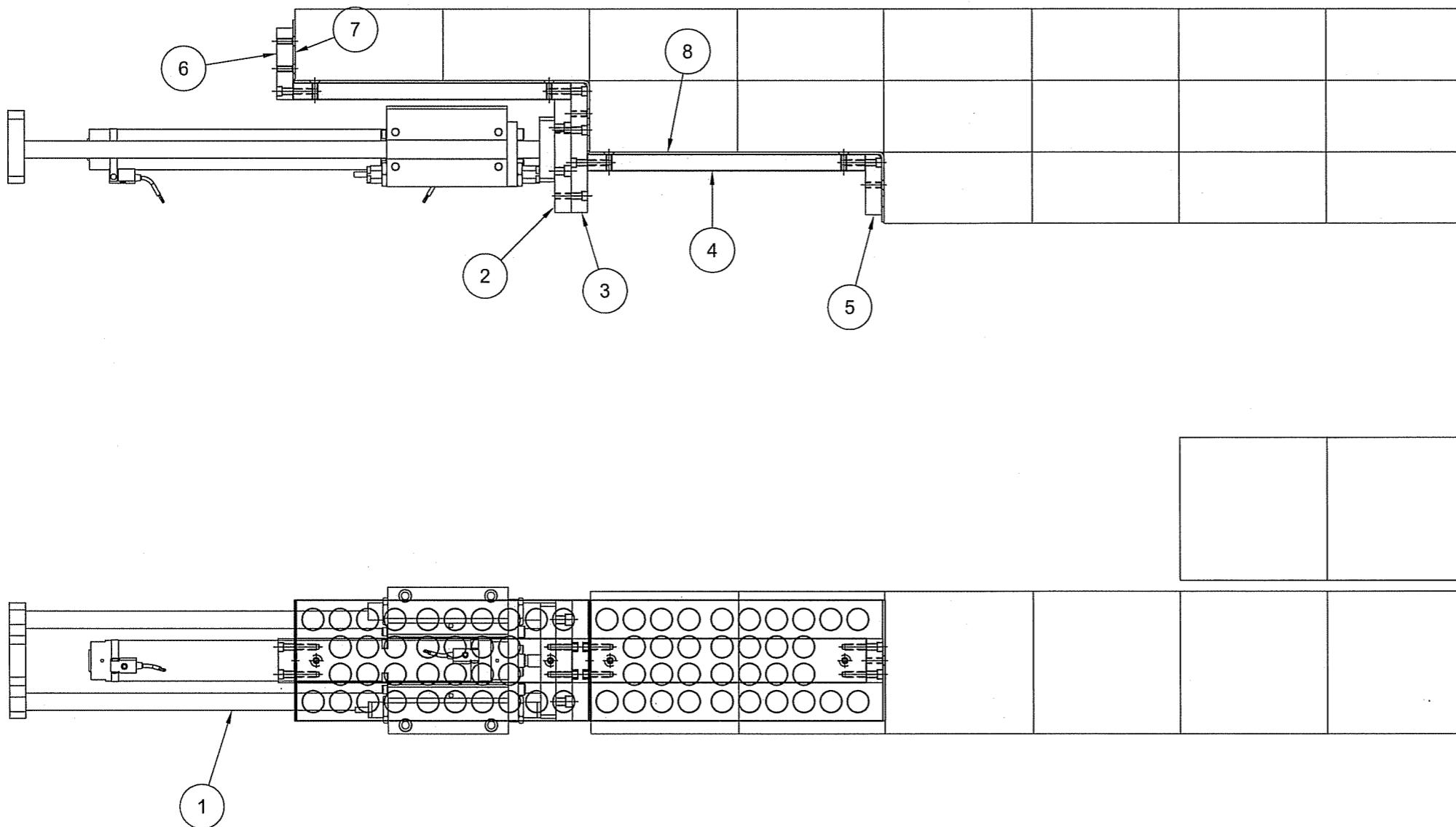
Assembly Part Number 248417.

Description ASSY, LIFT

Quantity 1

Item	Quantity	Arpac Part	Description

1	1	826255.	CYL, AIR, 40 BORE 200 STROKE
2	2	248418.	PLT, MTG, LIFT
3	1	248419.	BKT, BED
4	1	248420.	PLT, SUPPORT
5	1	248421.	PLT, LIFT
6	1	248422.	PLT, SUPPORT, STOP
7	1	248423.	PLT, STOP
8	3	248424.	BAR, HOR
9	3	248425.	BAR, VER
10	3	248426.	SPACER
11	1	248427.	PLT, GUIDE



ARPAC		9511 WEST RIVER ST. SCHILLER PARK, IL 60176					
FRACTIONS ± 1/64 TWO (2) DECIMALS ± 0.010 THREE (3) DECIMALS ± 0.005 ANGLES ± 0.5°							
DRAWN:	8-27-07	BY:	JW	SCALE:	4<Sc1<3/64	SIZE:	B
RELEASED:	8-27-07	FILENAME:	248428	APPROVED BY:	JW		
DESCRIPTION: ASSY, PROGRESSIVE PUSHER							
						DRAWING NUMBER: 248428	

BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873

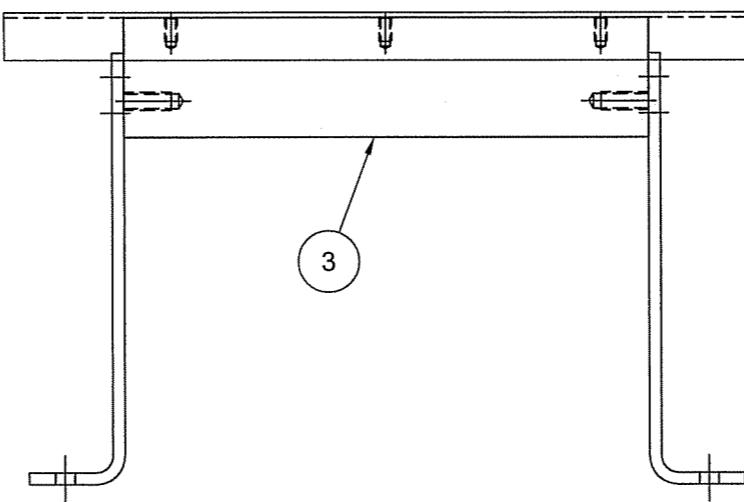
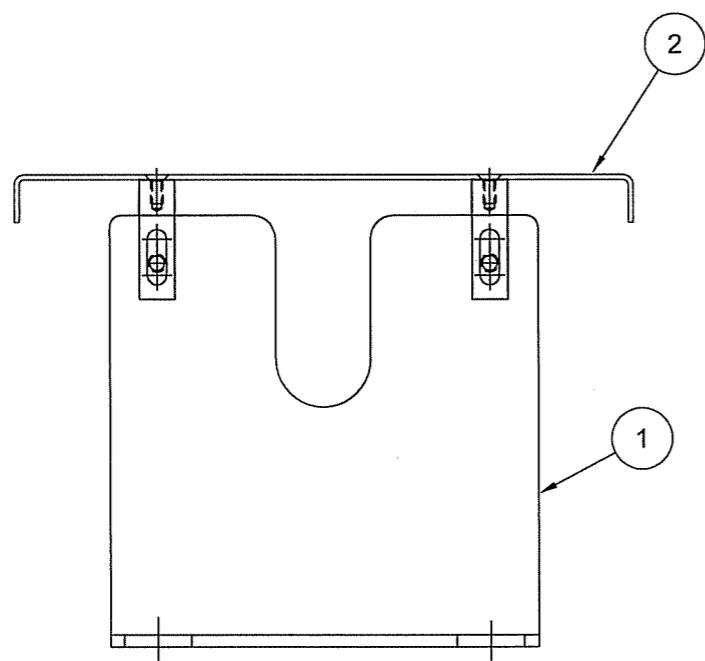
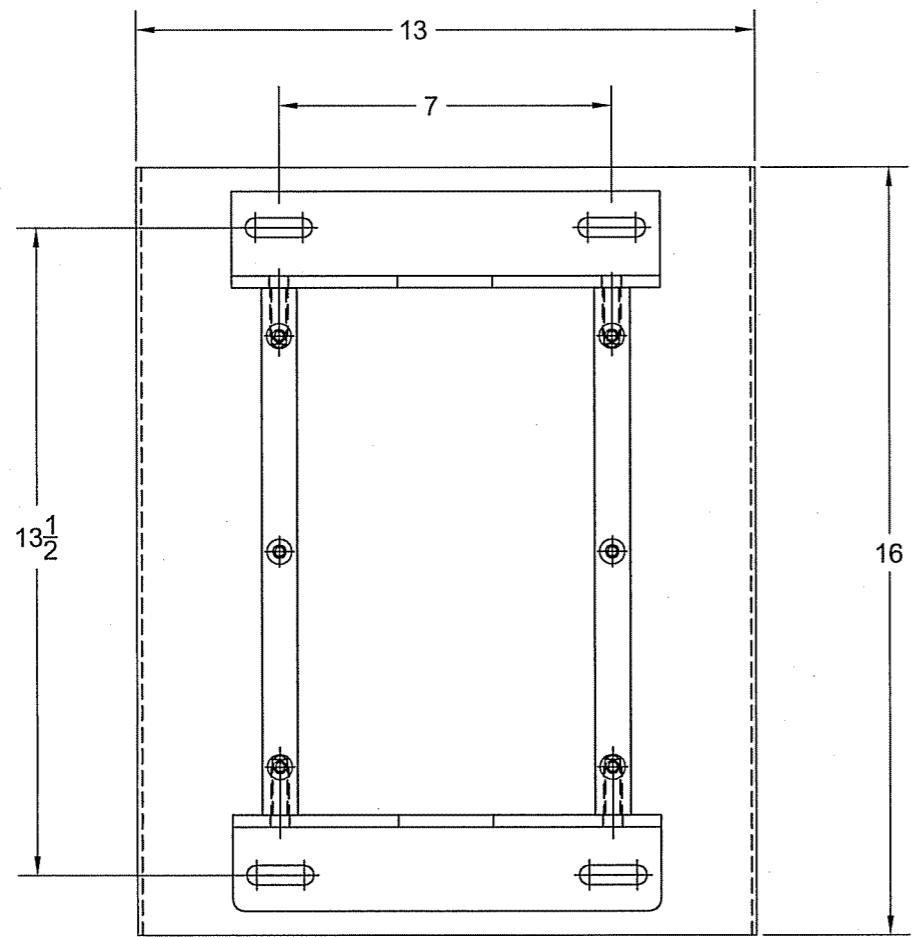
Model 107-20

Assembly Part Number 248428.

Description ASSY, PUSHER, PROGRESSIVE

Quantity 1

Item	Quantity	Arpac Part	Description
<hr/>			
1	1	810031.	THRUSTER, LINEAR, 40MM BORE 400MM STROKE BALL BRG
2	1	248429.	PLT, CONNECT, CYL
3	1	248430.	BAR, MEMBER, 1
4	2	248431.	BAR, MEMBER, 2
5	1	248432.	BAR, MEMBER, 3
6	1	248433.	BAR, MEMBER, 4
7	1	248434.	PLT, PUSH, PROGRESSIVE
8	2	248435.	BKT, PUSHER, PROGRESSIVE
<hr/>			



ARPAC		9511 WEST RIVER ST. SCHILLER PARK, IL 60176
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONAL TOLERANCES:		
FRACTIONS	$\pm 1/64$	
TWO (2) DECIMALS	± 0.010	
THREE (3) DECIMALS	± 0.005	
ANGLES	$\pm 0.5^\circ$	
DRAWN:	8-30-07	BY: JW
RELEASED:	8-30-07	SCALE: 1/4"=1"
FILENAME:	248448	SIZE: B
APPROVED BY:	JW	
DESCRIPTION:	ASSY, PLT, DEAD	
		DRAWING NUMBER:
		248448

BILL OF MATERIALS

Date printed 11/01/07

Parent Number 8873

Model 107-20

Assembly Part Number 248448.

Description ASSY, PLT, DEAD

Quantity 1

Item	Quantity	Arpac Part	Description
1	2	248449.	BKT, MTG
2	1	248450.	PLT, DEAD
3	2	248451.	BAR, SUPPORT