

SHOP ORDER 12984	PORTLAND IRON WORKS	PARTS LIST 24417-D
CUSTOMER HARRIS	TITLE RIPSAW SETWORKS w/8" Edging Saw - <u> </u> Nom. Pull Type for RH Zero, Dual Cutter, <u>5</u> Saw	DATE SEPT 29, 1988
		SHEET 1 OF 2 CODE 250

STOCK DED: PULL	ITEM NO.	TOTAL QTY	PART NO.	DESCRIPTION	REV.	DATE
A	1	1	24417-D	Ripsaw Setworks Assembly		
S	2	1	11521-D	Housing Cabinet Weldment 11'-0" Long MS (10226-B REF)		
F	3	1	A7753-B	Base Plate Assembly		
S	4	1	8948-B	Anchor Mounting Bracket, Type "C"		
S	5	14	7596-B	Spacer		
F	6	2	11522-1-B	Slide Bar 1/2 x 4 x 10'-8" CR Steel		
F	7	1	11522-2-B	Slide Bar 1/2 x 4 x 9'-0" CR Steel		
F	8	2	7595-B	Connecting Bar 78" Inside		
	9					
F	10	45	A4247-A *	Increment Cylinder, 4" Dia., Grouped per *SK-2465A & PL		
A	11	7	A8717-B	Intermediate Cylinder Support Assembly		
S	12	14	8715-B	Intermediate Support Bracket		
S	13	14	14498-B	Spacer		
S	14	62	(14) 03-38	Roller Bearing, TORRINGTON #CR-14		
A	15	5	A8726-B	Cylinder Support Assembly		
S	16	8(5)	8718-B	Cylinder Support		
P	17	*(3)	03-38	Roller Bearing, TORRINGTON #CR-14		
A	18	3	A8949-B	Cylinder Support Assembly		
PT. OF 16	19	*(3)	8718-B	Cylinder Support		
S	20	6	8719-B	Pipe Spacer		
S	21	3	8714-B	Connector Plate		
PT. OF 17	22	*(18)	03-38	Roller Bearing, TORRINGTON #CR-14		
F	23	1	8915-1-B	Shifter Rod "A", 1" Diameter x <u>63</u>		
F	24	1	8915-2-B	Shifter Rod "B", 1" Diameter x <u>101</u>		
F	25	1	8915-1-B	Shifter Rod "C", 1" Diameter x <u>63</u>		
F	26	1	8915-2-B	Shifter Rod "D", 1" Diameter x <u>101</u>		
F	27	1	8915-1-B	Shifter Rod "E", 1" Diameter x <u>63</u>		
F	28	1	6812-A	Shifter Rod "F", 1" Diameter x 112"		
S	29	6	6811-A	Connector Stub		
S	30	6	7063-B	Turnbuckle		
F	31	1	22217-B	Support Frame		
P	32	1		Electrical Fixture Box HOFFMAN, A1210 LP, 10 x 12 x 5		
A/S	33	4		Threaded Conduit 1 1/4 Pipe x 5		
A/S	34	1		Threaded Conduit 1 1/4 Pipe x 12		
A/S	35	1		Threaded Conduit 1 1/4 Pipe x 7		
A/S	36	4		Conduit Lock Nut 1 1/4 Pipe		

* Note: Use SK-3296-A & PL if Ripsaw is 13/16 Nominal

USE SK-3430-A & PL IF RIPSAW IS 3/4 NOMINAL "

SHOP ORDER

PORTLAND IRON WORKS

PARTS LIST A24417-D

12984

TITLE

RIPSAW SETWORKS w/8" Edging Saw - Non
Pull Type for RH Zero Dual Cutter 5 Saw

DATE SEPT 24, 1984

CUSTOMER

HARRIS

SHEET 2 OF 2

CODE 250

STUCK DED: PULL	ITEM NO.	TOTAL QTY	PART NO.	DESCRIPTION	REV.	DATE
A/S	37	2		Conduit Bushing 1 1/4 Pipe		
A/S	38	2		Conduit Elbow 90°, 1 1/4 Pipe		
A/S	39	1		Conduit Union 1 1/4 Pipe		
P	40	1	11130-B	Air Control & Lubrication Equipment for 45 Cylinders (See Parts List 11130-B)		
A/S	41	1		Hose Fitting Push-On Stem, LENZ #312-8-8		
A/S	42	1		Hose Fitting Swivel, LENZ #301-8-8		
A/S	43	1		Male Adapter, LENZ #105-1/2-8		
A/S	44	2		Pipe Elbow, Street 1/2 STD x 90		
S	45	1	6616-A	Name Plate		
S	46	1	6618-A	Name Plate		
S	47	1	6617-A	Name Plate		
P	48	1		Terminal Panel - A-12P10 per Z4417-D		
S	49	2	10120B	Support Fabr. (Ship Loose)		
F	50	2	12441B	Support Leg 4'-2" (Ship Loose)		
F	51	6		L1" X 1" X 1/4 X 3		
A	52		24073-D	4" INCREMENT CYL. (REF)		

SHOP ORDER
12984
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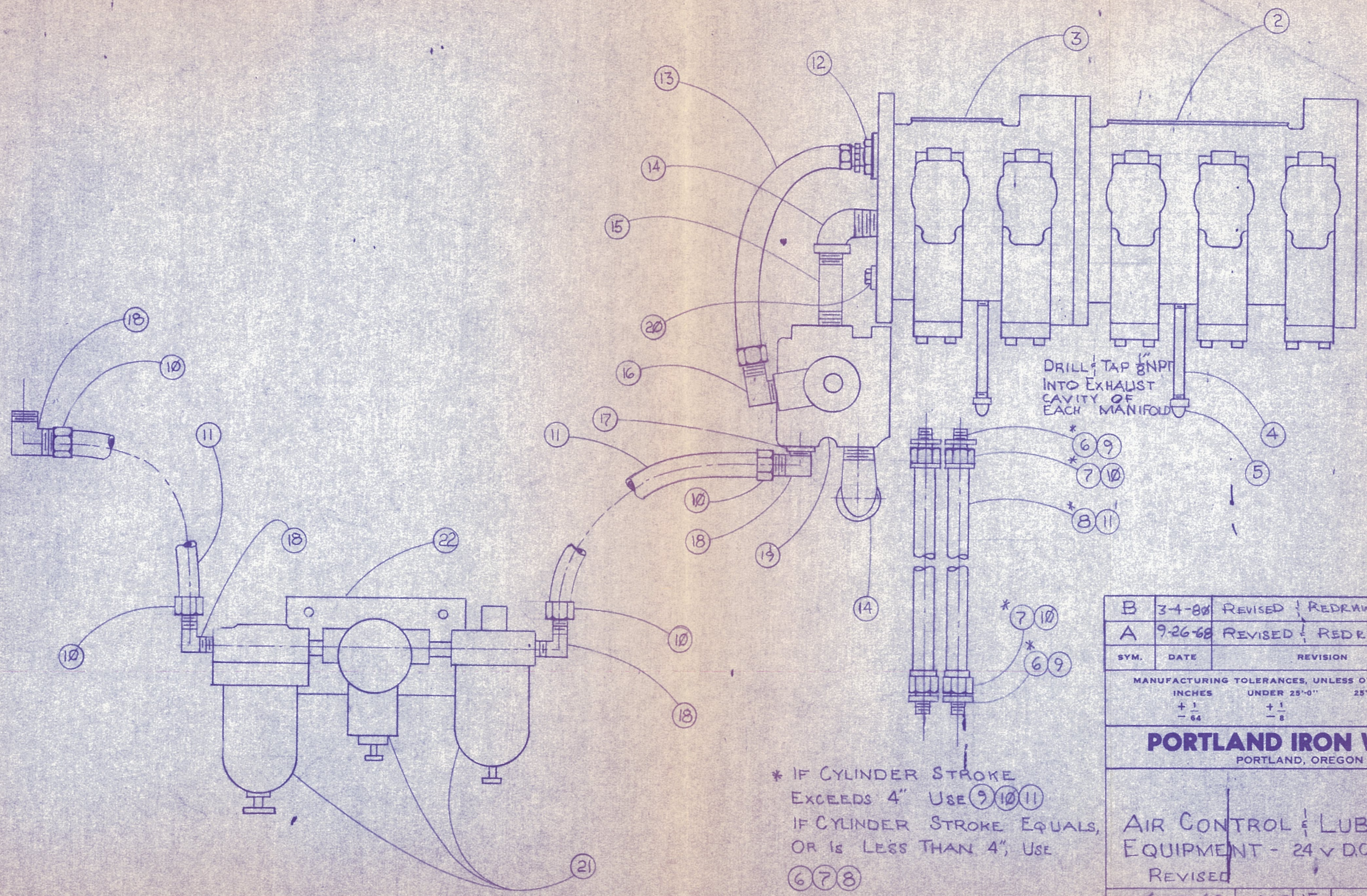
PORTLAND IRON WORKS

TITLE
AIR CONTROL & LUBRICATION EQUIPMENT
24V DC C = 45

PARTS LIST A 11130-B
DATE 6-27-68
SHEET 1 OF 1 CODE 15
REV. C DATE 3-4-80

STOCK	DED.	PULL	ITEM NO.	TOTAL QTY.	EACH ASSY	PART NO.	DESCRIPTION	REV.	DATE
A			1	1		A 11130-B	Air Control & Lubrication Equipment		
P			2				Two Station Plug-In Manifold Base, BV K142-077, Assembled w/two Single Solenoid Pilot Operated 4-Way Valves, BV L445-23-102, 24V DC (Plug-In Type)		
P		*	3	15			Three Station Plug-In Manifold Base, BV K142076, Assembled w/ Three Single Solenoid Pilot-Operated 4-Way Valves, BV L445-23-1024V DC (Plug-In Type)		
A/S			4				Pipe Nipple 1/8" NPT x 3 1/2" (1 per Manifold)		
A/S			5				Pipe Street Elbow 1/8" NPT (1 per Manifold)		
A/S			6	4 C			Male Adapter 1/4" NPT - 1/4" JIC		
A/S			7	4 C			Swivel Fitting, Push-On 1/4" JIC - 1/4" Hose		
A/S			8				Hose 1/4" Single Fabric Braid, 250 LB Working Pressure		
A/S			9	4 C			Adapter 1/4" NPT - 3/8" JIC		
A			10	4+4C			Swivel Fitting, Push-On 3/8" JIC - 3/8" Hose		
A/S			11				Hose 3/8" Single Fabric Braid, 250 LB Working Pressure		
A/S			12	1			Reducer Bushing 1 1/2" NPT - 1/2" NPT		
A/S			13	1			Metal Hose, Sealtite Type, UA ANACONDA, 3/8" x 8 1/2" Long		
A/S			14	2			Pipe Street Elbow 1/2" NPT		
A/S			15	1			Pipe Nipple 1/2" NPT x 3 1/2"		
A/S			16	1			Union Elbow APPLETON #ST-38, 3/8"		
A/S			17	1			Reducer Bushing 1/2" NPT - 3/8" NPT		
A/S			18	4			Pipe Elbow 90°, 3/8 JIC - 3/8 NPT Brass		
P			19	1			Single Solenoid Pilot-Operated 3-Way Valve, SKINNER L3-LB4150, NC, 24V DC		
A/S			20	1			Pipe Plug 1/2" NPT		
P		*	21	1			Filter-Regulator-Lubricator NORGREN # MZH-301-S3LA w/GAGE 18-013-204		
P			22	1			Bracket NORGREN #18-001-97		
							* PRE ORDERED		
							C= Number of Cylinders Used (See Setworks Assembly Parts List		

SYM.	NO. REQ'D.	DESCRIPTION	DWG. NO.



DRILL & TAP 1/8" NPT INTO EXHAUST CAVITY OF EACH MANIFOLD

* IF CYLINDER STROKE EXCEEDS 4" USE (9)(10)(11)
 IF CYLINDER STROKE EQUALS, OR IS LESS THAN 4", USE (6)(7)(8)

B	3-4-80	REVISED	REDRAWN	DAVE
A	9-26-68	REVISED	REDRAWN	AK
SYM.	DATE	REVISION		BY

MANUFACTURING TOLERANCES, UNLESS OTHERWISE STATED		
INCHES	UNDER 25'-0"	25'-0" & OVER
+1/64	+1/8	+1/4
-64	-8	-4

PORTLAND IRON WORKS
 PORTLAND, OREGON

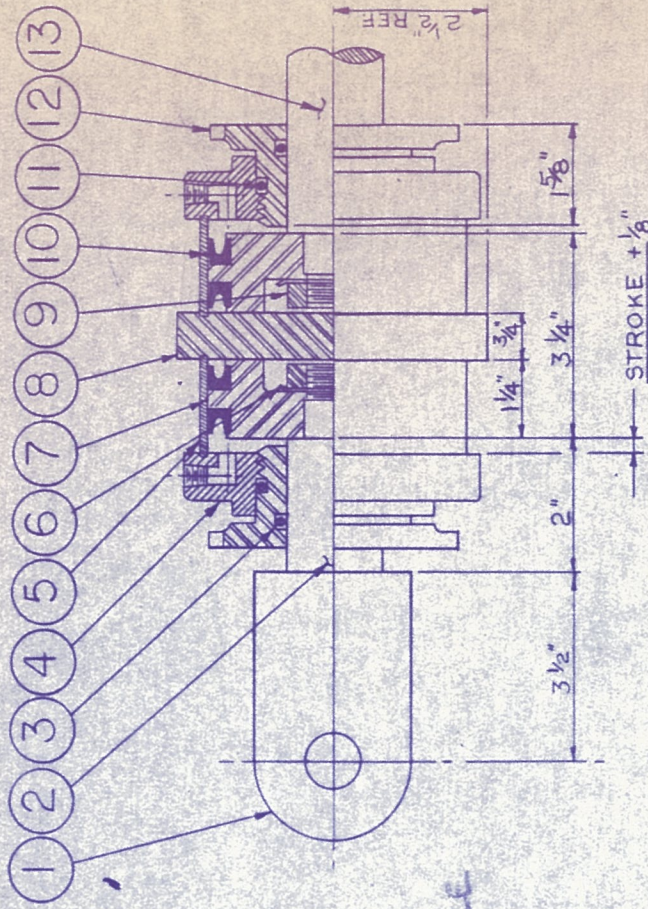
AIR CONTROL & LUBRICATION
 EQUIPMENT - 24 V DC.
 REVISED

DATE 6-27-68	DR. DAVE 15	DRAWING NUMBER A11130 - B
SCALE N/A	CK. AK 4	

SYM.	DESCRIPTION	DWG. #
1	CLEVIS	8322-B
** 2	CLEVIS END PISTON ROD	7422-B
3	"O" RING	
4	CYLINDER HEAD	6522-B
** 5	CYLINDER TUBE	7430-B
6	LOCK WASHER	
7	PISTON	6524-B
8	CYLINDER PLATE	7426-B
9	LOCK NUT SKF#N05	
10	"U" PISTON PACKING P/N23-1	20398-B
11	"O" RING	
12	ADJUSTING GLAND	6523-B
** 13	DUAL STROKE PISTON ROD	7420-B

** INDICATE STROKE LENGTH OF EACH CYLINDER
(LENGTH OF CYL. BARREL = STROKE DISTANCE
+ 1.5")

NOTE: USE SOCKET WRENCH #9814-B FOR
ITEM #9



SYN.	DATE	REVISION	N.W.S.	BY
E	8-1-83	REDRAWN		

MANUFACTURING TOLERANCES, UNLESS OTHERWISE STATED
INCHES UNDER 25-50" ±.0005
25-50" & OVER ±.0015

PORTLAND IRON WORKS
PORTLAND, OREGON

4" INCREMENT CYL. PARTS

DATE	DR. N.S.	DRAWING NUMBER
8-1-83		A4247-A