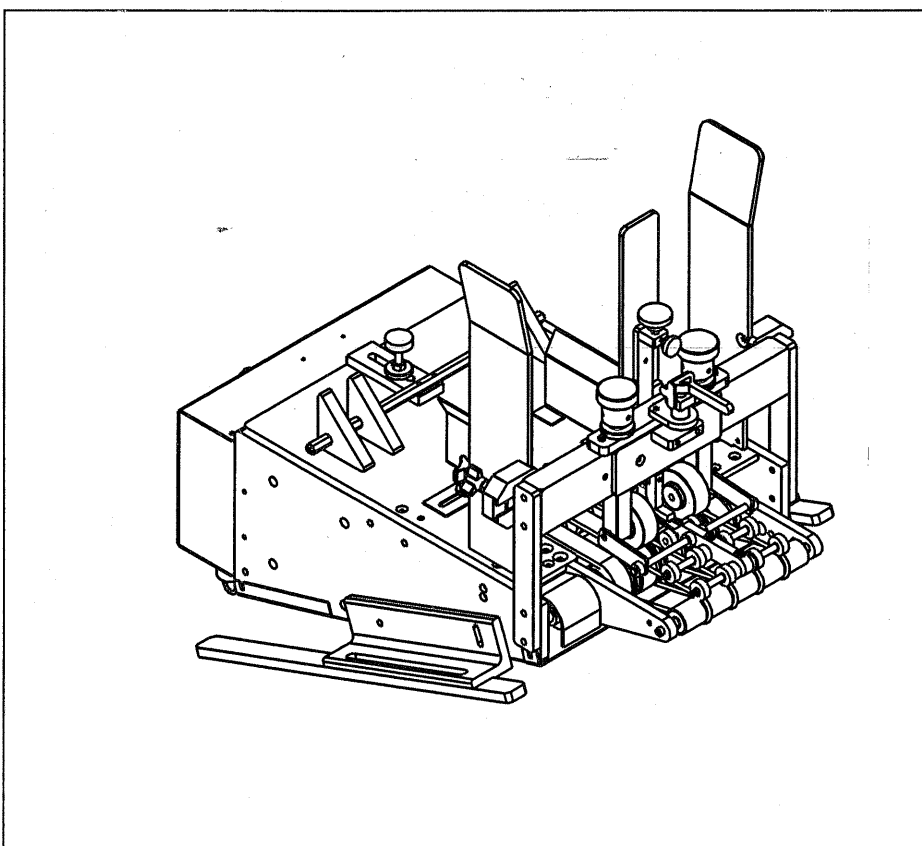


Kirk-Rudy, Inc.

Instruction and Parts Manual 496F Friction Feeder



Manufactured by Kirk-Rudy, Inc.

Before using this machine, all operators must study this manual to understand and follow the safety warnings and instructions. Keep these instructions with the machine for future reference. If you have any questions, contact your local Kirk-Rudy, Inc. Distributor.

10000-496F REV. F 4/3/2003

Manual

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1.0 Important Safety Instructions

Intended Use Statement: This product has been designed to feed paper products from a stack for the purpose of gathering, labeling and or inkjet printing. Product is loaded into a hopper with the bottom piece resting on high friction feed belts. When the drive motor is started and the belts move forward, friction between the paper and belts pulls the bottom piece forward into a gap created by the feed belts and a set of top mounted, non-rotating rollers. A set of outfeed belts removes the piece from the hopper area. Usage for other purposes may lead to an unsafe condition.

SAVE THESE INSTRUCTIONS: Read all instructions before using this product.



WARNING

NEVER OPERATE THE MACHINE WITHOUT ALL GUARDS OR SAFETY DEVICES IN PLACE.

ALWAYS TURN POWER OFF WHEN MAKING ADJUSTMENTS.

ALWAYS DISCONNECT THE POWER SUPPLY BEFORE ANY MAINTENANCE OR SERVICE WORK.

NEVER START THE MACHINE WITHOUT FIRST CHECKING ALL PERSONNEL ARE CLEAR OF MOVING PARTS.

KEEP FINGERS CLEAR OF ALL MOVING PARTS

NEVER REMOVE THE PRODUCT FROM THE MACHINE WHILE MACHINE IS RUNNING.

SHOULD MISFED PRODUCT JAM THE MACHINE AND STOP IT FROM RUNNING, ALWAYS PRESS THE STOP BUTTON BEFORE CLEARING PRODUCT. IF THE STOP BUTTON IS NOT PRESSED AND THE JAM IS CLEARED, THE MACHINE WILL BEGIN RUNNING.

IT IS NOT RECOMMENDED FOR LOOSE CLOTHING, JEWELRY AND LONG HAIR BE WORN WHILE OPERATING THIS MACHINERY.

ALWAYS USE AN EXPERIENCED ELECTRICIAN WHEN TROUBLE SHOOTING ELECTRICAL PROBLEMS.

CHANGES OR MODIFICATIONS TO THIS UNIT NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

2.0 SPECIFICATIONS

PRODUCT SIZE RANGE English

Metric

Minimum Size:	3"W x 4"L	76 mm W x 101 mm L
Maximum Size:	11"W x 12" L	29 cm W x 30.5 cm L
Minimum Thickness:	Card Stock (.004")	Card Stock (.10mm)
Maximum Thickness:	.25"	6 mm
Maximum Stack Height:	10"	25 cm

SPEED

Variable to 800 ft per minute maximum

FEED DIRECTION

Open end or folded edge leading.

MACHINE DATA

Length:	23"	58.5 cm
Width:	12.8"	32.5 cm
Height:	17.5"	44.5 cm
Weight: Net	53 lbs	21 kgs
Shipping	75 lbs	29.5 kgs

ELECTRICAL DATA

Main Power Input:	120 Volt, Single Phase, 60/50 Cycle, AC, 15 A.
Drive Motor	1 /8 HP
Connections:	One 8-ft power cord is included with the machine.

OPTIONS

Bridge Extension Kits

535777-01	KIT, 14 IN WIDE 496F
535778-01	KIT, 16 IN WIDE 496F
535779-01	KIT, 18 IN WIDE 496F
535780-01	KIT, 24 IN WIDE 496F

Outfeed Roller Skid Bar

535051-01	ASSY, OUTFEED SKID BAR
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3.0 UNCRATING



WARNING

Read and follow all Safety Instructions in Section 1, Page 3 before proceeding.

Remove machine and all packaging from crate. Inspect for damage. The accessories and spare parts are boxed and located inside the crate. The box should be opened and checked against the packing list. The following list of items should be included with each feeder:

Allen wrenches

Electrical kit # 209 260

Manufacturer's specification sheets, Leeson electric motors, KB motor control board

Parts and Instruction manual

4.0 OPERATING INSTRUCTIONS



WARNING

Read and follow all Safety Instructions in Section 1, Page 3 before proceeding.

4.1 ELECTRICAL COMPONENT DESCRIPTION (see figure 1.0)

The following controls are located on the electrical box mounted on the rear of the feeder:

Main Power Switch: Source voltage is supplied to the electrical panel when this two position switch is pressed. The switch glows red when the power is on.

Drive Motor Speed Control: Turning this knob varies KR 496F machine speed (clockwise to increase, counter-clockwise to decrease motor speed)

3 Pin Electrical Socket: Provides a way to electrically connect the KR 496F with the transport base and have start/stop/jog switches on the transport base control operation of the KR 496F. When disconnected from the transport base, a jumper plug must be inserted for the feeder to operate.



Jumper plug

Electrical Safety Features: The solid state component board mounted inside the electrical panel on the lower right side has a 12GGC input fuse (left side) and a 8GCC armature output fuse (right side). The main drive motor will not operate with either fuse blown.

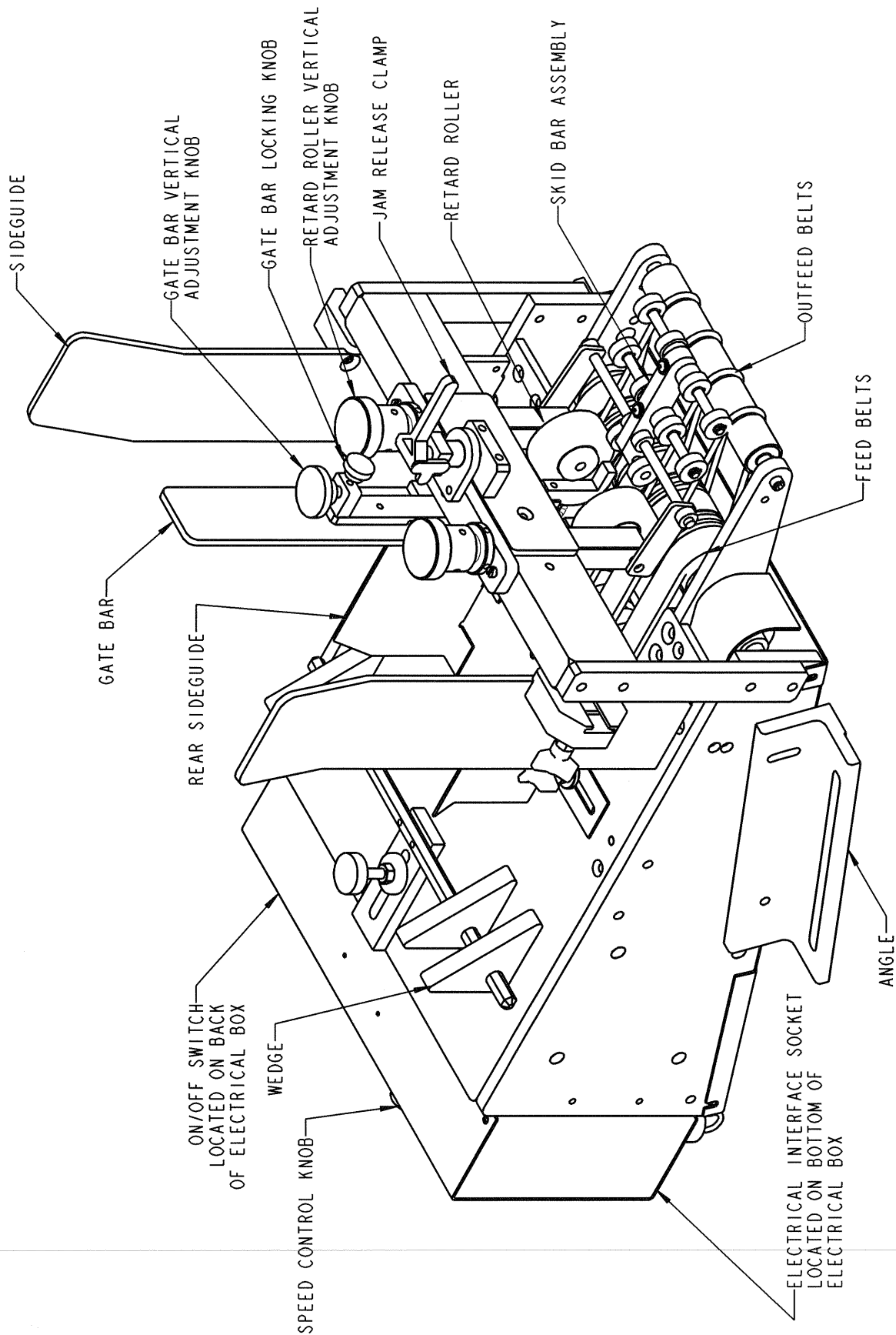
4.2 MECHANICAL COMPONENT DESCRIPTION (see figure 1)

Feed Belts: Grooved rubber belts pull the bottom piece of a stack forward into the gate area.

Outfeed Belts: Helps clear product from the hopper area and provides a transition to the next transport base.

Wedge: The wedge assembly is used to lift the backside of the product off the feed belts. This reduces surface contact between the feed belts and product and has an affect on the gap between product as the feeder is running.

Side Guides: Keeps the stack of product together and helps keep product feeding straight.



MECHANICAL/ELECTRICAL
 COMPONENT DESCRIPTION
 FIGURE 4.0

Gate Bar: Provides a front guide for the stack and a mounting surface for curved plates which keep the lead edge of the stack from contacting the retard rollers. A vertical adjustment allows for product thickness changes.

Gate Bar Locking Knob: Secures the gate bar in place. Loosen this knob to vertically adjust the gate bar.

Jam Release Lever: Raises the retard roller and gate bar as an assembly to clear jams.

Retard Roller: A non-rotating urethane roller. A gap between the retard roller and feed belts prevents double feeds. Rotate the roller for a new wear surface.

Retard Roller Adjustment Knob: Provides vertical adjustment of the retard roller. A locking collar at the base of the knob secures the roller in place.

Mounting Angle: Secures the feeder to the mounting bars. Slots allow front to back adjustment of the feeder. An angular slot in the side of the angle provides rotational adjustment of the feeder.

Skid Bar Assembly: Pinch roller bearings to provide product control during feeding.

4.3 FEEDER SETUP



WARNING

Read and follow all Safety Instructions in Section 1, Page 3 before proceeding.

1. Power is off.
2. Slip one piece of product under one of the retard rollers and turn the adjustment knob clockwise lowering the roller onto the paper until the roller just contacts the paper. Raise the roller until the piece is just free to move and slides easily under the roller. Use the same procedure to adjust the other roller.
3. Remove the paper and lower the gate bar until approximately 1/64" of the retard roller extends below the gate bar deflectors. If too much of the retard roller extends past the gate bar, the leading edge of the product will tend to curl as it contacts the retard roller.
4. Center the product on feeder and position the front and middle side guides 1/32" from each edge.
5. Position the wedge bar to lift the backside of the stack off the feed belts. Slide the wedges along the mounting bar to provide equal support along the backside of the product.
6. Fan and shingle a small stack of product so the lead edge will conform to the curved plates on the gate bar. Place in hopper and slide the feed belts forward until the product is forced into the gate bar and conforms to the curved plates. Finish loading hopper.
7. Turn speed control to zero and turn power on.
8. Slowly turn the speed control knob to increase motor speed.

5.0 ASSEMBLY OF 496F TO A 215 BASE



WARNING

Read and follow all Safety Instructions in Section 1, Page 3 before proceeding.

NOTE: QUALIFIED ELECTRICIANS SHOULD PERFORM ELECTRICAL SERVICING.

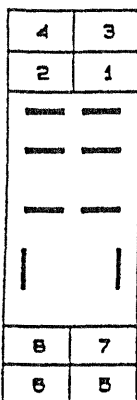
5.1 ELECTRICAL KIT # 209260 IS REQUIRED FOR INSTALLATION DESCRIPTION

This kit electrically connects the KR 496F into the start/stop/jog circuitry of the KR 215IJ. The pot knob on the back of the KR 496F must still be used for feeder speed control. The feeder motor control board is set to prevent the KR 496F belts from starting before the KR 215IJ transport belts.

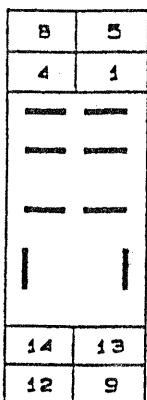
Reference schematics below.

1. Disconnect power from machine.
2. Lower panel to the 215V main electrical box.
3. Add new relay K13 and switch assembly to the electrical panel.
4. Disconnect wires from K7 terminal 8 or 14. See diagram for location. Wire nut to wire marked 14 from switch.
5. Wire relay and switch assembly to terminals indicated on the wires and as noted on the wiring diagram.
6. Set the 215V mode switch to the '496' position.
7. Connect 3-pin twist to the side of the 215 box to terminals 54 and 55.

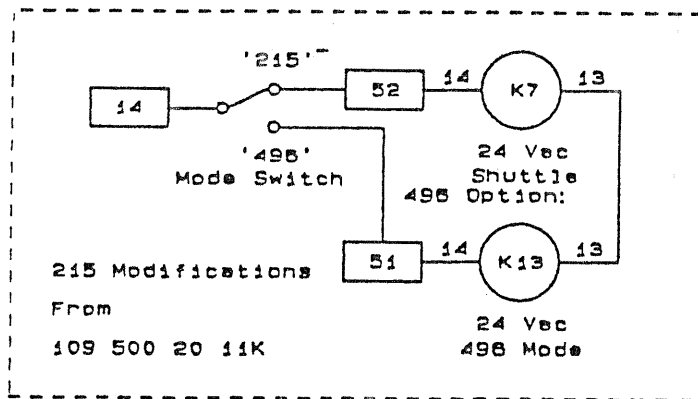
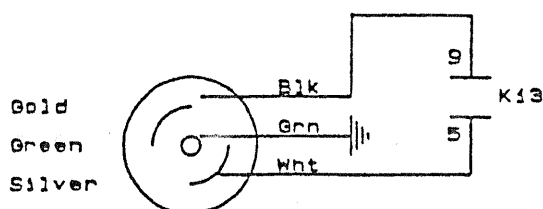
Black Relay Socket



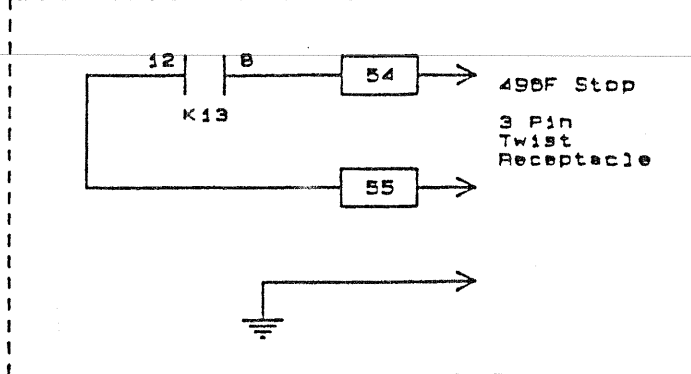
Gray Relay Socket



3 Pin Twist:



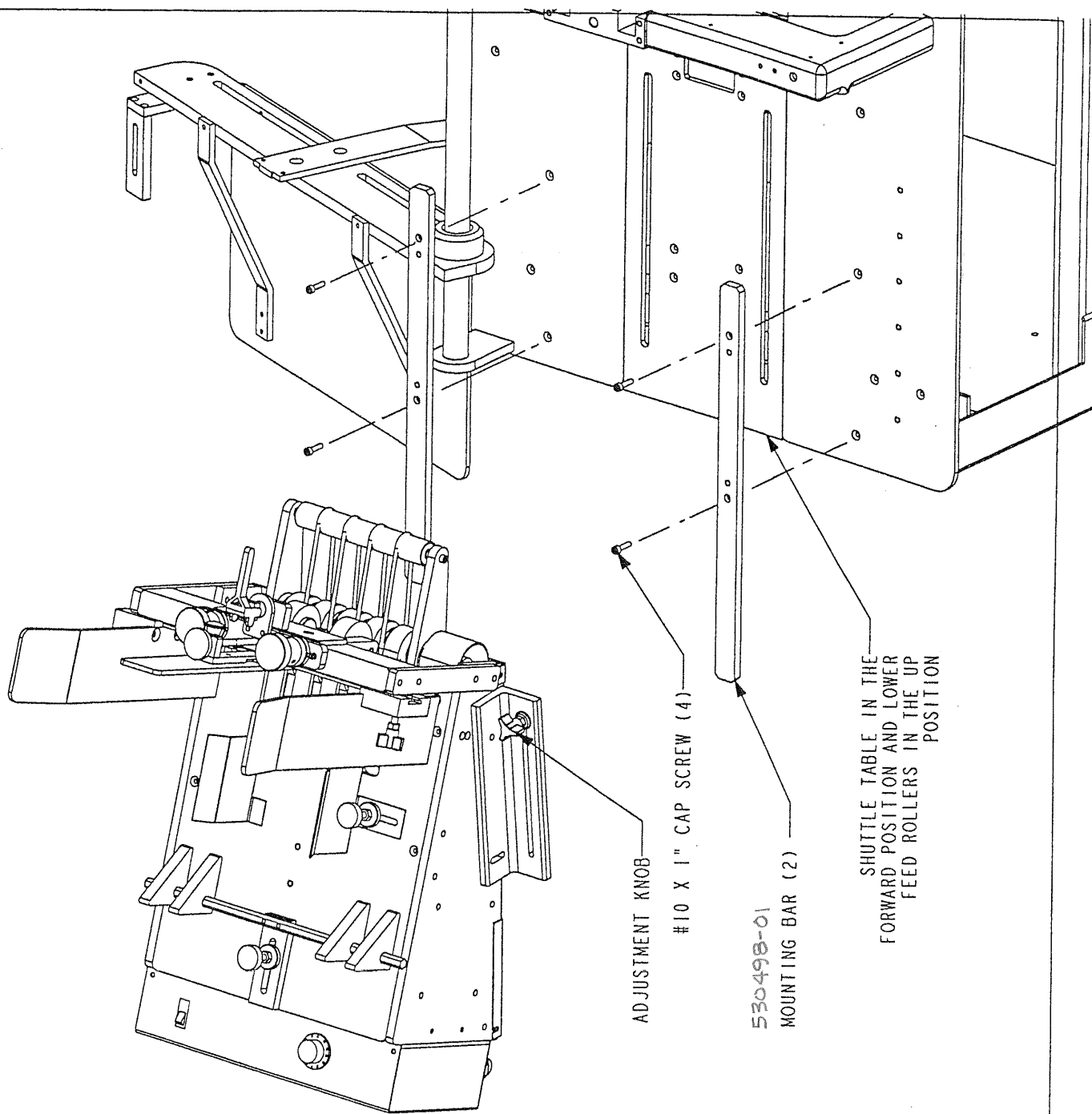
496 Option:



5.2 MECHCANICAL FEEDER INSTALLATION ON A KR 215IJ

(Reference Figure 2.0)

1. Remove jogger table locking knob and rotate table clear of shuttle table area.
2. Jog the feed base to position the shuttle table in the forward position and the lower feed rollers in the up position.
3. Remove the four flat head screws from the KR 215 tabletop.
4. Attach the feeder mounting bars to the KR 215 tabletop replacing the four flat head screws with the four #10 x 1" cap screws supplied with the feeder.
5. Position the KR 496F onto the mounting bars. Locate the feeder on the base so the lead edge of the piece enters the KR 215 feed rollers as the trailing edge is passing through the centerline of the retard rollers.
6. Connect two-pin twist plug from the electrical kit into the receptacle on the feeder.
7. Turn the KR 496F speed pot to zero then run the KR 215 at desired speed. Increase KR 496F speed until the gap between product is minimized.



MOUNTING KR 496F ONTO FEED BASE

FIGURE 2.0

6.0 TROUBLE SHOOTING



WARNING

Read and follow all Safety Instructions in Section 1, Page 3 before proceeding.

PROBLEM

SOLUTION

Feeder does not run

Check jumper plug on electrical box. If the feeder is not electrically connected to the transport base, a jumper plug must be inserted into the socket to complete the circuit.

Check motor control board fuses. See schematic at end of manual.

Inconsistent feed

Clean belts

Adjust wedge position

Re-orient product in hopper (rotate 90° or offset product to one side)

Double feeds

Lower the fixed roller to decrease the gap between the top of the feed belt and the fixed roller.

Bend and/or fan the product out prior to loading in the hopper. This will help separate the product if it is stuck together.

Adjust wedge position.

Too much weight in hopper—reduce the amount of product in the hopper.

Spread wedges apart to bow product in hopper. This will tend to stiffen the lead edge.

Product skews as it feeds

Balance the gap between the two fixed rollers.

If the product is thicker on one side, independently adjust the fixed rollers to compensate for thickness variations.

Angle wedge assembly to reduce traction on one side.

7.0 MAINTENANCE



WARNING

Read and follow all Safety Instructions in Section 1, Page 3 before proceeding.

Daily Functions of Operator

Item	Function	Remarks
Clean belts	Remove paper dust.	Use clean soft rag soaked in water. Do not use solvents

7.1 LUBRICATION

No parts on the KR 496F require lubrication. Refer to the motor specification sheet for maintenance information.

7.2 BELTS

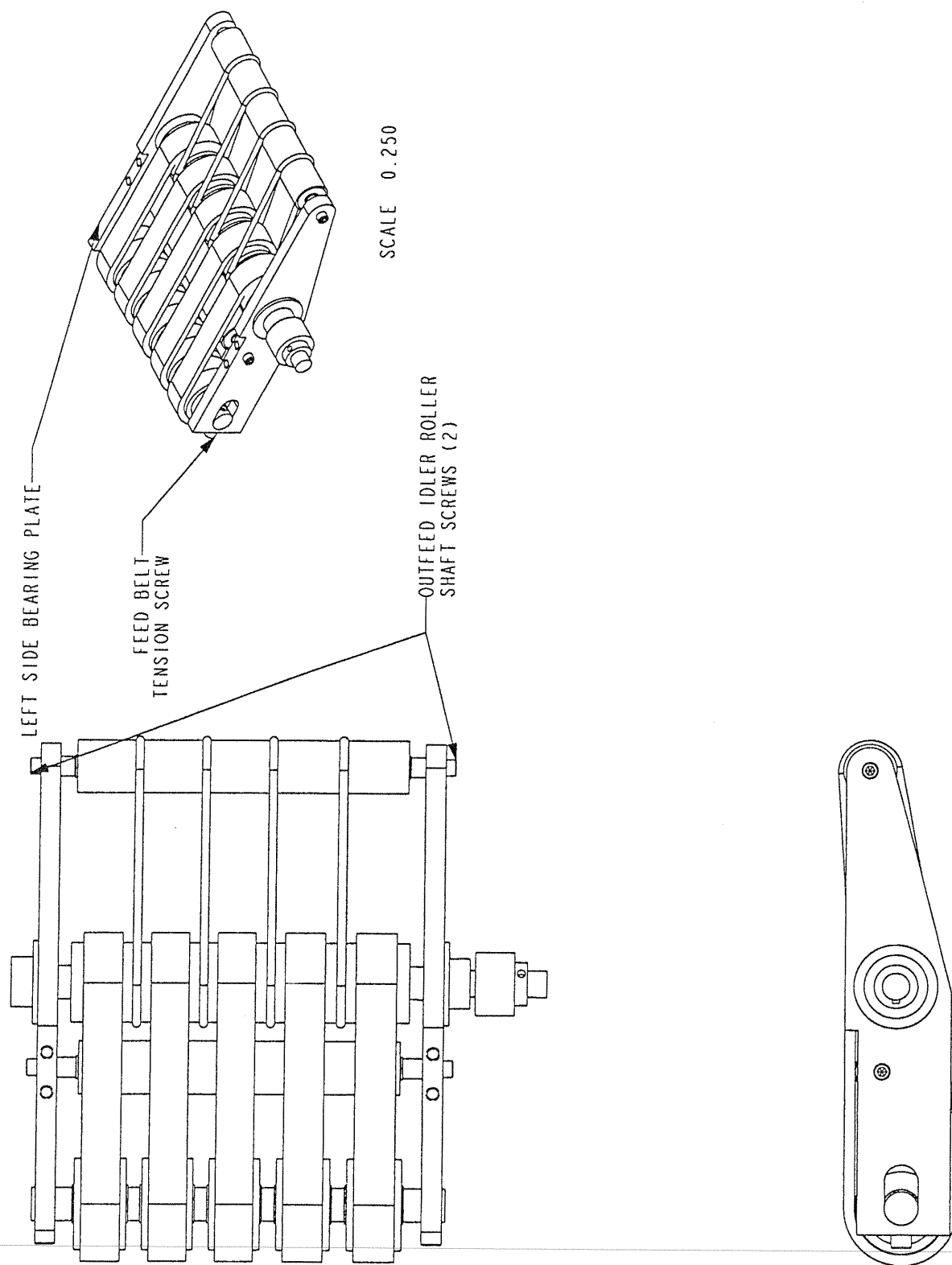
7.2.1 BELT TENSION

Belts should be installed with a snug fit, neither too tight nor too loose. High tension will shorten belt and bearing life. Tension belts only enough to prevent them from slipping on the pulley. Provisions have been made for center distance adjustment for ease in installing and removing belts. Do not force belts over pulley flanges. The round, green outfeed belts are made from an elastic material and do not require tensioning.

7.2.2 FEED BELT REPLACEMENT PROCEDURE

Molded natural rubber feed belts are seamless and can run in either direction. When replacing feed belts, replace them as a group since the belts in one group may not be the same length as the belts from another group.

1. Remove feeder from power source.
2. Remove sheet metal guards.
3. Remove the four flat head screws that secure the feed belt assembly to the feeder.
4. Slide the drive belt off the pulley shaft and remove the assembly.
5. Loosen belt tension by turning belt tension screws counterclockwise.
6. Remove both screws securing out feed idler shaft.
7. Remove screws that secure the left side bearing plate to the idler shafts.
8. Loosen left side hub bearing set screws.
9. Remove left side bearing plate.
10. Replace belts.
11. Reassemble in the opposite order. Make sure all guards are re-installed.



FEED BELT REPLACEMENT

FIGURE 3.0

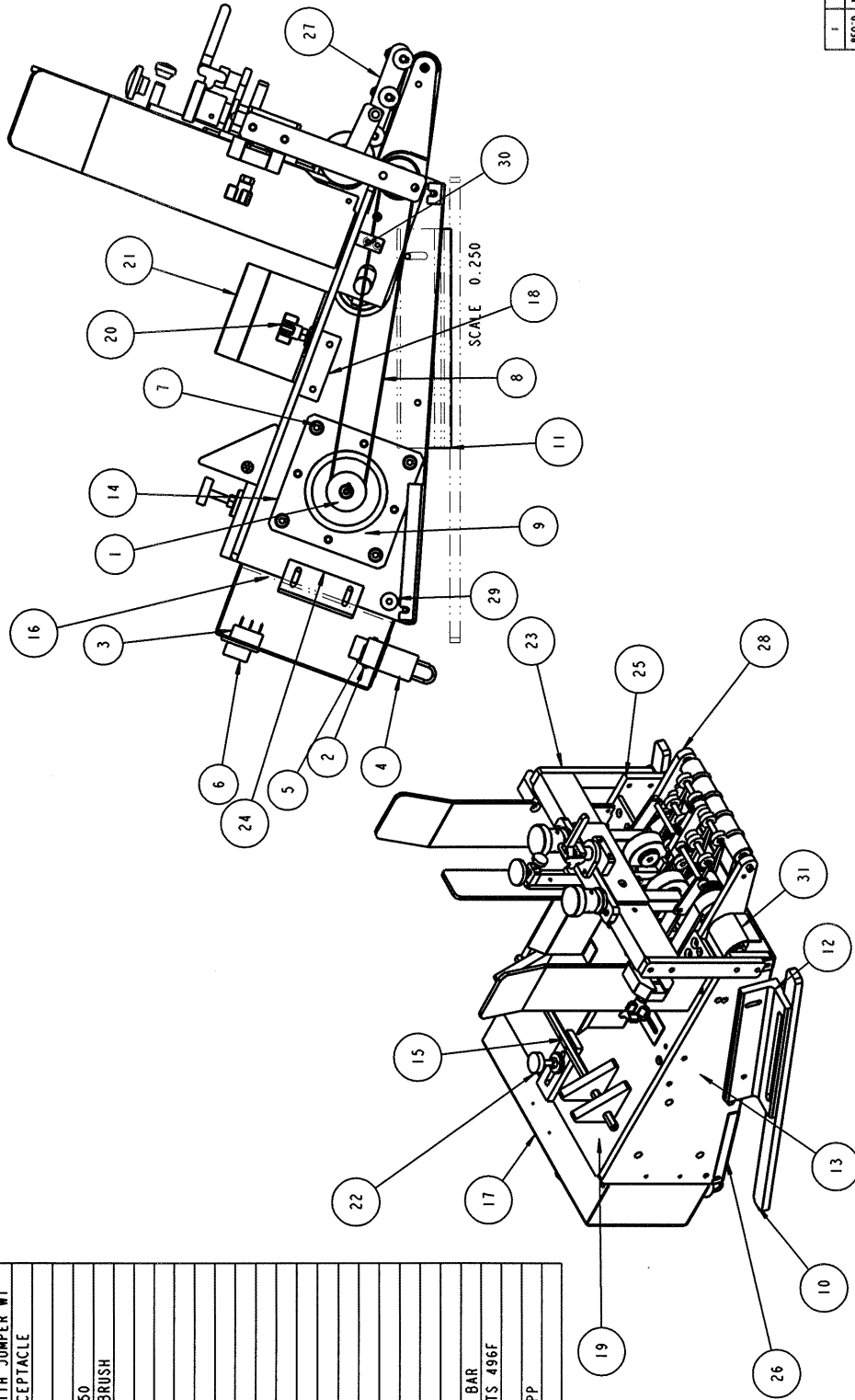
8.0 PARTS LIST AND DIAGRAMS

Assembly Drawings:

SP58900	ASSY, 496F FEEDER
530549-01	BACKDTOP ASY
535746-01	ASSY, FRICTION BELTS 496F
530887-01	ASSY, BRIDGE 496F
530484-01	ASSY, BELT IDLER ROLLER
533336-01	ASSY, FRICTION BELT IDLER
535051-05	ASSY, OUTFEED SKID BAR

ITEM QTY	PART #	DESCRIPTION
1	109433	PULLEY, TIMING 10L050 .500B .125K
2	200323	STRAIN RELIEF
3	201132	SWITCH, LIGHTED
4	201514	3 PIN TWIST PLUG WITH JUMPER WI
5	201534	THREE PIN TWIST RECEPTACLE
6	209016	KNOB, POT
7	502255	SPACER, GEAR COVER
8	108945-7	BELT, TIMING 270L050
9	200165-5	MOTOR, 1/4 HP DC BRUSH
10	530498-01	BAR
11	530528-01	ANGLE
12	530528-02	ANGLE
13	530529-01	PLATE, RH FRAME
14	530534-01	PLATE, MOTOR MTG
15	530549-01	BACKSTOP ASY
16	530710-01	ELECTRICAL BOX
17	530711-01	PANEL, CONTROL
18	530728-01	BAR, SPACER
19	530730-01	TABLETOP
20	530785-01	9080B ASY
21	530788-01	SIDE GUIDE
22	530789-01	9080B ASY, ROUND CAP
23	530887-01	ASSY, BRIDGE 496F
24	530910-01	ANGLE
25	530911-01	PLATE, LH FRAME
26	530912-01	COVER, BOTTOM
27	535051-05	ASSY, OUTFEED SKID BAR
28	535746-01	ASSY, FRICTION BELTS 496F
29	SP49620	SPACER
30	SP49631	BLOCK, TABLETOP SUPP
31	SP49625-1	COVER, PULLEY 496F

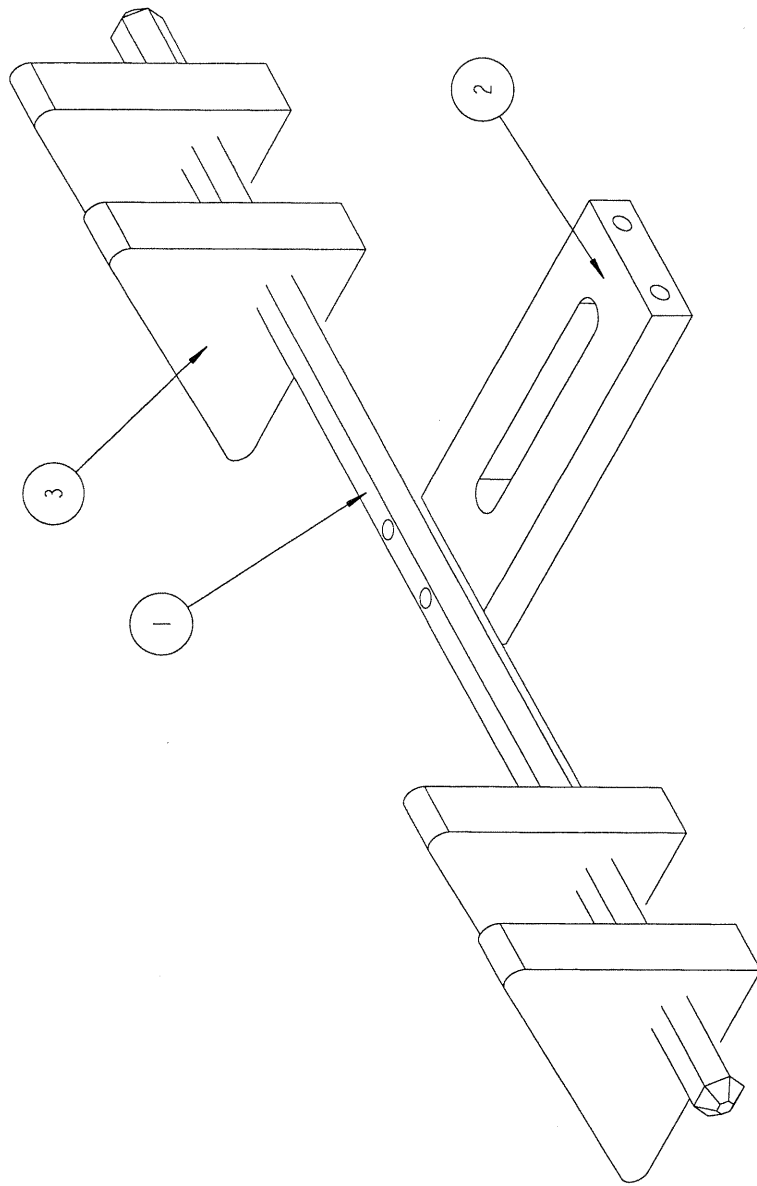
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2	2	4/23/2003	ADDED SKID BAR TO STD 496F MACHINE		6963	TJG



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CHECKED BY:	DATE: 09-MAY-97	DATE: 09-MAY-97	VIEW: ALL DIMENSIONS AND SPACING UNLESS OTHERWISE NOTED	WALL THICK: .5	WALL THICK: .5	WALL THICK: .5	WALL THICK: .5	WALL THICK: .5	WALL THICK: .5	WALL THICK: .5
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MASTER			DO NOT SCALE - WORK TO DIMENSIONS ONLY			ASSY, 496F FEEDER			SP58900	

REV NO	DATE	DESCRIPTION	ECN NO	BY
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ITEM	QTY	PART #	DESCRIPTION
1	1	530548-01	CROSS BAR
2	1	530675-01	BAR
3	4	530731-01	WEDGE



X	XXX
REQ'D	WHERE USED

PROPRIETARY AND CONFIDENTIAL
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KIRK - RUDY, INC.
KENNESAW, GA 30144 USA

THIRD ANGLE PROJECTION

MATERIAL: NOTED
HEAT TREAT: XXX
FINISH: XXX

DIMENSIONAL TOLERANCES
UNLESS OTHERWISE NOTED
XXX
REMOVE ALL BURRS AND
SHARP EDGES UNLESS
OTHERWISE NOTED
ALL DIMENSIONS ARE
FINISHED DIMENSIONS
DO NOT SCALE - WORK
TO DIMENSIONS ONLY

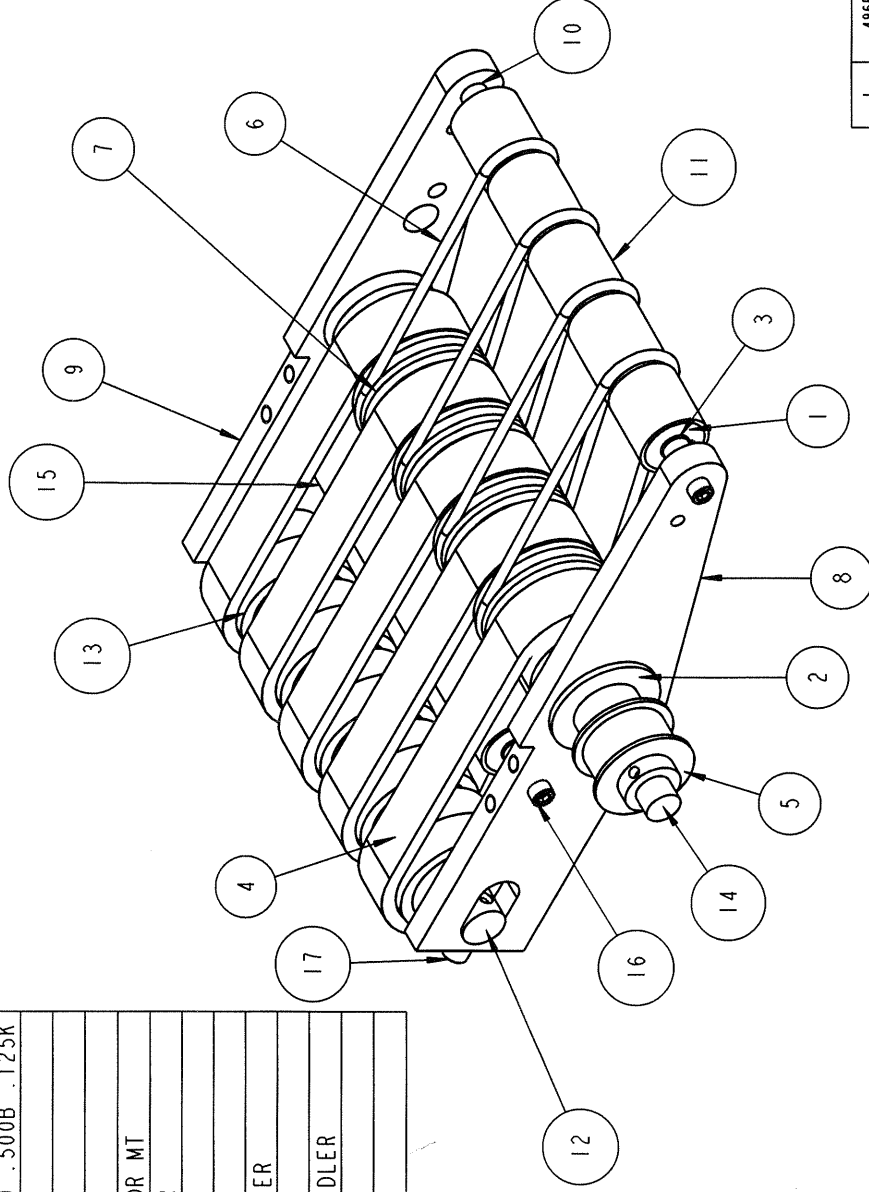
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MASTER M

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CHECKED BY:
TRACED BY:

KIRK - RUDY, INC.
KENNESAW, GEORGIA
TITLE: BACKSTOP ASY
SHEET NO: 10F1
DRAWING # 530549-01

ITEM	QTY	PART #	DESCRIPTION
1	3	103106	BEARING, FLAT .375
2	2	103804	BEARING, HUB .625
3	2	104100	SNAPRING, .375
4	5	106434	FEED BELT
5	1	109494	PULLEY, TIMING 10L050 .500B .125K
6	4	106419-1	ROUND BELT
7	1	530471-04	ROLLER, DRIVE
8	1	530472-01	BEARING BLOCK
9	1	530472-02	BEARING BLOCK W/SENSOR MT
10	1	530473-02	SHAFT, FRICTION IDLER
11	1	530475-01	OUTFEED IDLER ROLLER
12	1	530481-01	BELT IDLER SHAFT
13	5	530484-01	ASSY, BELT IDLER ROLLER
14	1	530488-01	DRIVE SHAFT
15	1	533336-01	ASSY, FRICTION BELT IDLER
16	4	CSDD267	
17	2	CSDD294	

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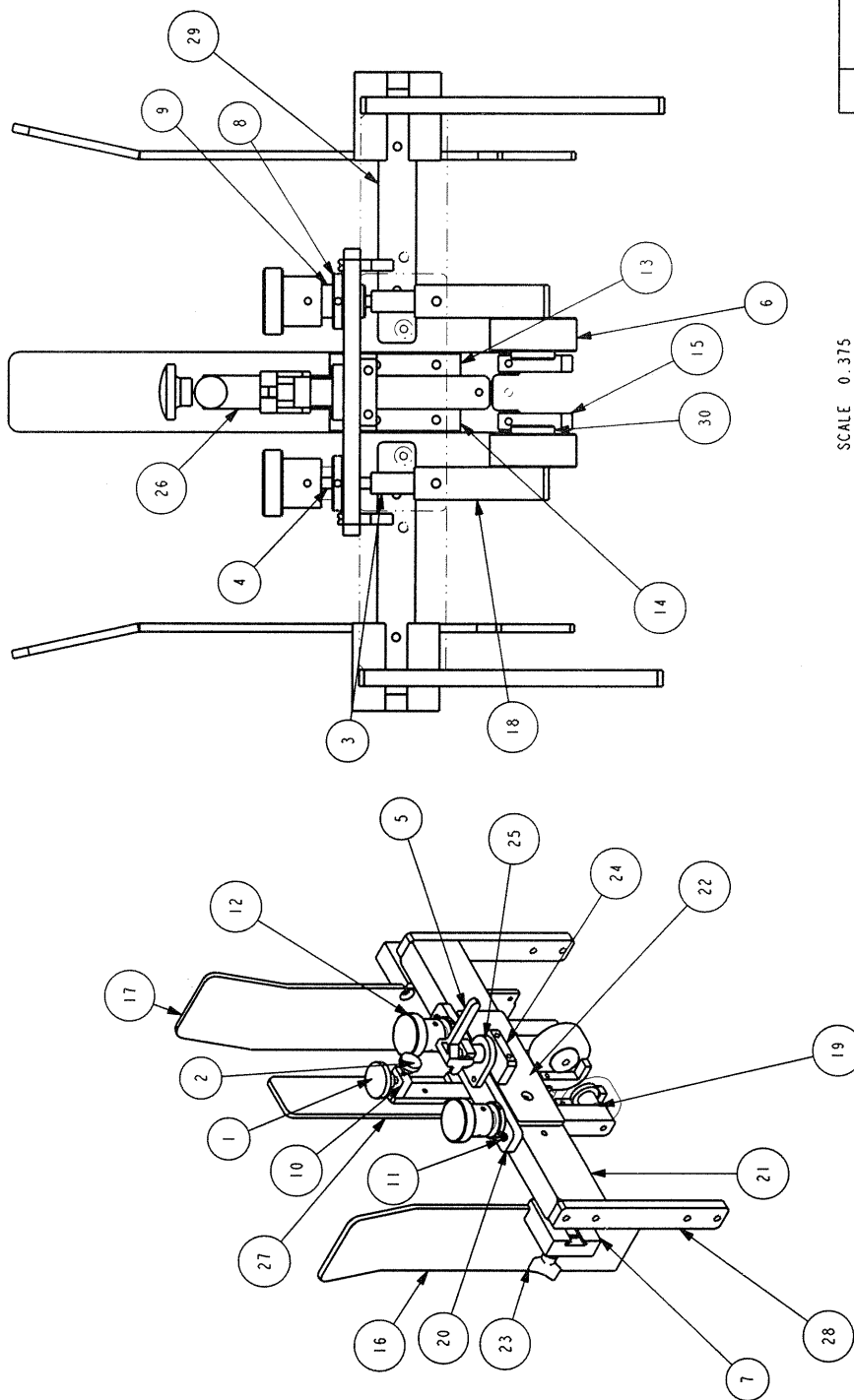


1	496FC
REC'D	WHERE USED

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		.XX	.XX	ANG.						
CHECKED BY:	DATE 3-MAR-99	.01	.005	.5	HEAT TREAT:	MODEL: 496F	TITLE: ASSY, FRICTION BELTS 496F			
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		ALL DIMENSIONS ARE FINISHED DIMENSIONS DO NOT SCALE - WORK TO DIMENSIONS ONLY								

530887-01

ITEM QTY	PART #	DESCRIPTION
1	102113	KNOB, PLASTIC
2	102114	KNOB
3	102187	SPRING
4	107334	BOLT, HEX HO MACH
5	190733	CLAMP, QUICK RELEASE
6	500745	ROLLER, UPPER
7	500755	CLAMP - SIDE GUIDE
8	500807	NUT - LOCK
9	500809	SLEEVE - THREADED
10	502232	BLOCK, GATE BLADE
11	500799-6	STUD, BRIDGE (LONG)
12	500812-2	KNOB, ROLLER ADJUSTMENT
13	502233-R	GIB
14	502231H	GIB
15	530478-01	DEFLECTOR PLATE
16	530544-01	SIDE GUIDE, RH
17	530545-01	SIDE GUIDE, LH
18	530753-01	BAR
19	530754-01	STUD
20	530756-01	PLATE, QUICK RELEASE
21	530757-01	BAR, BRIDGE
22	530758-01	PLATE
23	530787-01	KNOB, ASY
24	530888-01	BLOCK, QUICK RELEASE
25	530889-01	PLATE, QUICK RELEASE
26	530890-01	GATE, CENTER ROLLER
27	530893-01	FRONT GUIDE
28	530908-01	BRIDGE MTG BAR
29	SP49675	BAR, TOP SLIDE
30	SP6383-1	SPACER, GEAR COVER



SCALE 0.375

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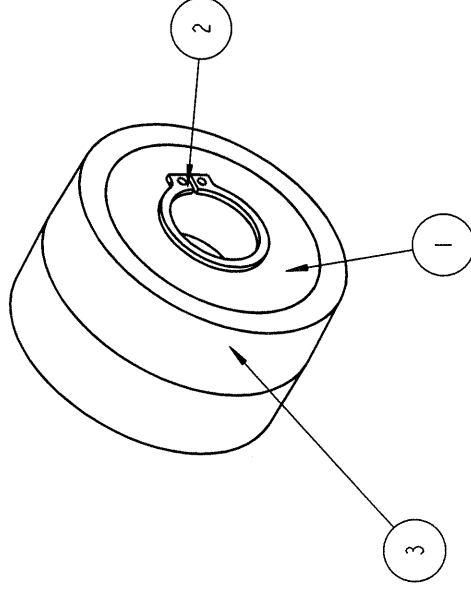
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530484-01

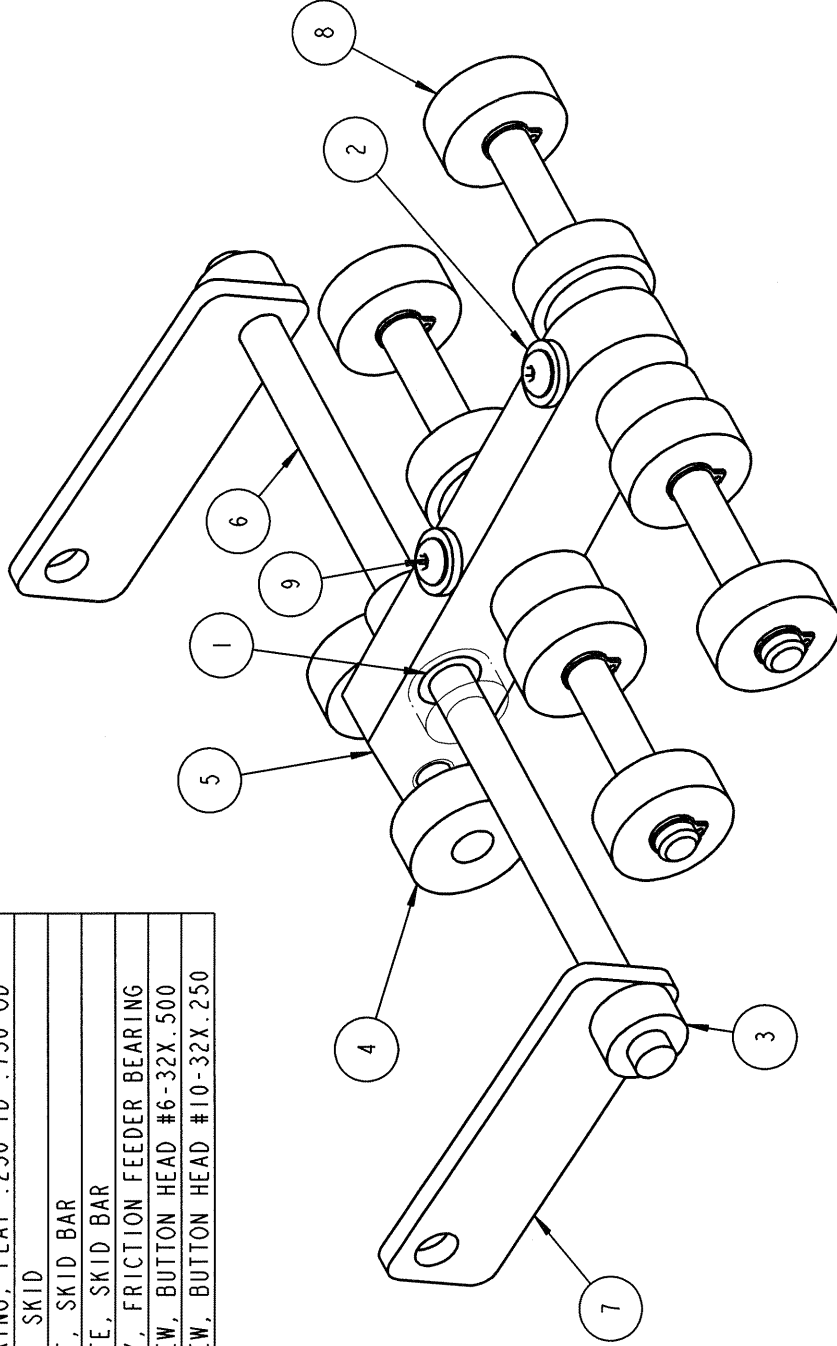
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1	2	103110	BEARING, FLAT .625
2	2	104104	SNAPRING, .625
3	1	530476-01	BELT IDLER ROLLER

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CHECKED BY:	DATE 13-OCT-98	REMOVE ALL BURRS AND SHARP EDGES UNLESS OTHERWISE NOTED	HEAT TREAT: NONE	MODEL: 496f	TITLE: ASSY, BELT IDLER ROLLER			
TRACED BY:	MASTER	ALL DIMENSIONS ARE FINISHED DIMENSIONS DO NOT SCALE WORK TO DIMENSIONS ONLY	FINISH: NONE	SHEET NO: 1 OF 1	DRAWING 1	530484-01		

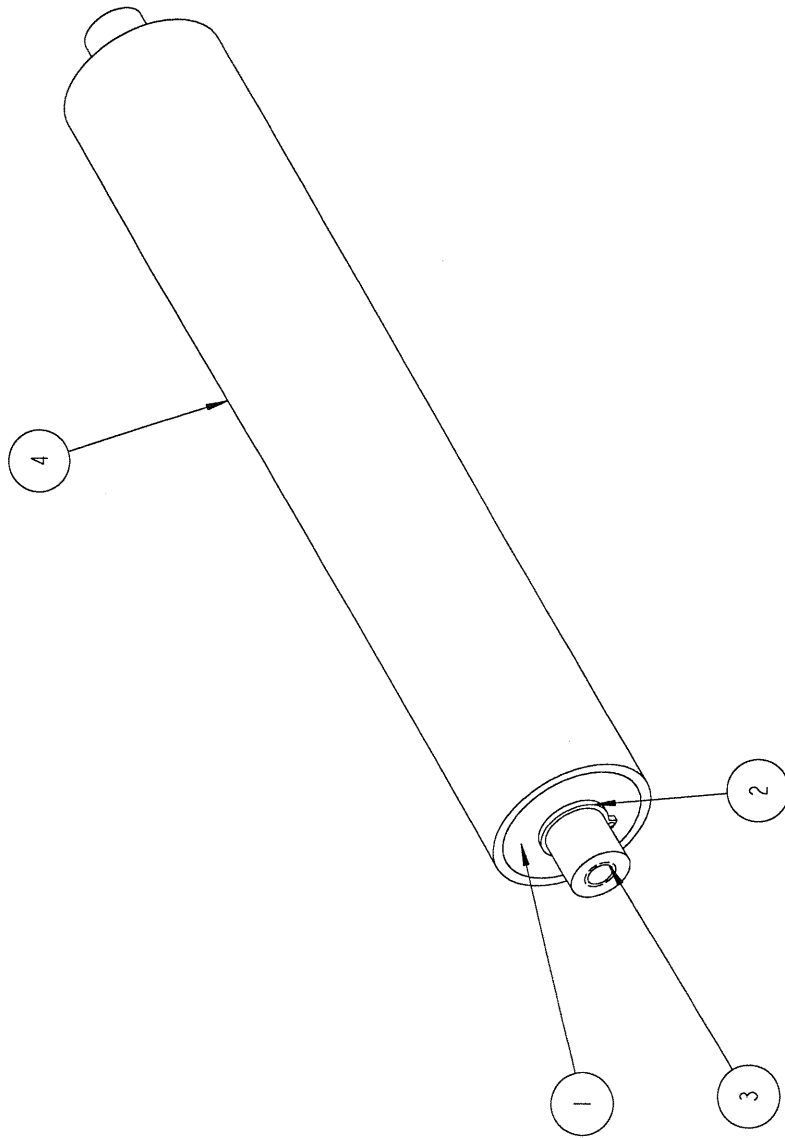
ITEM	QTY	PART #	DESCRIPTION
1	1	100132	BUSHING, SL.250ID.375OD.500LG
2	2	100621	WASHER, FLAT 8-32
3	4	102223	COLLAR .250
4	2	103105	BEARING, FLAT .250 ID .750 OD
5	1	535176-06	BAR, SKID
6	1	535177-01	SHFT, SKID BAR
7	2	535178-01	PLATE, SKID BAR
8	2	543090-01	ASSY, FRICTION FEEDER BEARING
9	2	CSFF48	SCREW, BUTTON HEAD #6-32X.500
10	2	CSFF56	SCREW, BUTTON HEAD #10-32X.250



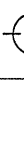

DRAWN BY: A KEY	SCALE 1.000	DATE 07-Mar-02	MASTER	DIMENSIONAL TOLERANCES UNLESS OTHERWISE NOTED .XX .XX .XX ANG. .5 REMOVE ALL BURRS AND SHARP EDGES UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE FINISHED DIMENSIONS DO NOT SCALE - WORK TO DIMENSIONS ONLY	MATERIAL: N/A	THIRD ANGLE PROJECTION 496F	PROPRIETARY AND CONFIDENTIAL NO PORTION OF THIS DRAWING MAY BE QUOTED OR REPRODUCED IN ANY FORM WITHOUT THE EXPRESS WRITTEN PERMISSION OF KIRK-RUDY, INC. KENNESAW, GA 30144 USA	KIRK - RUDY, INC. KENNESAW, GEORGIA	I 496F	WHERE USED REQ'D
CHECKED BY:										
TRACED BY:										
TITLE: ASSY, OUTFEED SKID BAR								DRAWING # 535051-05		

ITEM	QTY	PART #	DESCRIPTION
1	2	103106	BEARING, FLAT .375
2	2	104100	SNAPRING, .375
3	1	530473-02	SHAFT, FRICTION IDLER
4	1	530475-02	ROLLER, FRICTION BELT IDLER

REV NO	DATE	DESCRIPTION	ECN NO	BY
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1	531715-01
REQ'D	WHERE USED

DRAWN BY: TJG	SCALE 1.000	DIMENSIONAL TOLERANCES UNLESS OTHERWISE NOTED			MATERIAL:		<div></div> <div>THIRD ANGLE PROJECTION</div>	<div>PROPRIETARY AND CONFIDENTIAL NO PORTION OF THIS DRAWING MAY BE QUOTED OR REPRODUCED IN ANY FORM WITHOUT THE EXPRESS WRITTEN PERMISSION OF KIRK-RUDY, INC. KENNESAW, GA 30144 USA</div> <div> KIRK - RUDY, INC. KENNESAW, GEORGIA</div>	I 531715-01			
CHECKED BY:	DATE 7-Apr-98	.XX .01	.XX .005	ANG. .5	HEAT TREAT:							
TRACED BY:	MASTER m	REMOVE ALL BURRS AND SHARP EDGES UNLESS OTHERWISE NOTED			NONE					MODEL: 496F	TITLE: ASSY, FRICTION BELT IDLER	
ALL DIMENSIONS ARE FINISHED DIMENSIONS DO NOT SCALE - WORK TO DIMENSIONS ONLY			NOTED		SHEET NO.: 10F1	DRAWING # 533336-01						

9.0 ELECTRICAL SCHEMATIC

The following electrical schematics for the KR 496F Feeder are located at the end of the manual:

200 150 04 113 Schematic KR496F

10.0 APPENDIX

The following manufacturer's specification sheets are shipped with each feeder:

LESSON INFORMATION

KB MOTOR BOARD INFORMATION

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

12.0 WARRANTY AND SERVICE

Warranty: Kirk-Rudy, Inc., warrants to the original retail purchaser that this product is free from defects in the material and workmanship, and agrees to repair or replace, at Kirk-Rudy's option, any defective product within (90) days from the date of purchase. This warranty is not transferable. It covers damage resulting from defects in material or workmanship, and it does not cover conditions or malfunctions resulting from the normal wear, neglect, abuse or accident.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESSED WARRANTIES. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE.

Limitation of Remedies: If product is proven to be defective within the warranty period stated above, THE EXCLUSIVE REMEDY, AT KIRK-RUDY'S OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE PRODUCT, provided that the defective product is, at Kirk-Rudy's choice, returned immediately to Kirk-Rudy or authorized service representative designated by Kirk-Rudy, or made available at user's premises in a location suitable for servicing.

Limitation of Liability: Kirk-Rudy shall not otherwise be liable for any losses or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal or equitable theory asserted, including contract, negligence, warranty, or strict liability.

To obtain replacement parts and service, contact an Authorized Kirk-Rudy Dealer. Use Kirk-Rudy part numbers when ordering.

USE ONLY GENUINE KIRK-RUDY REPLACEMENT PARTS

For Service or Replacement Parts Please Call:
Kirk-Rudy @ 770-427-4203

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Woodstock, GA 30188
www.kirkrudys.com