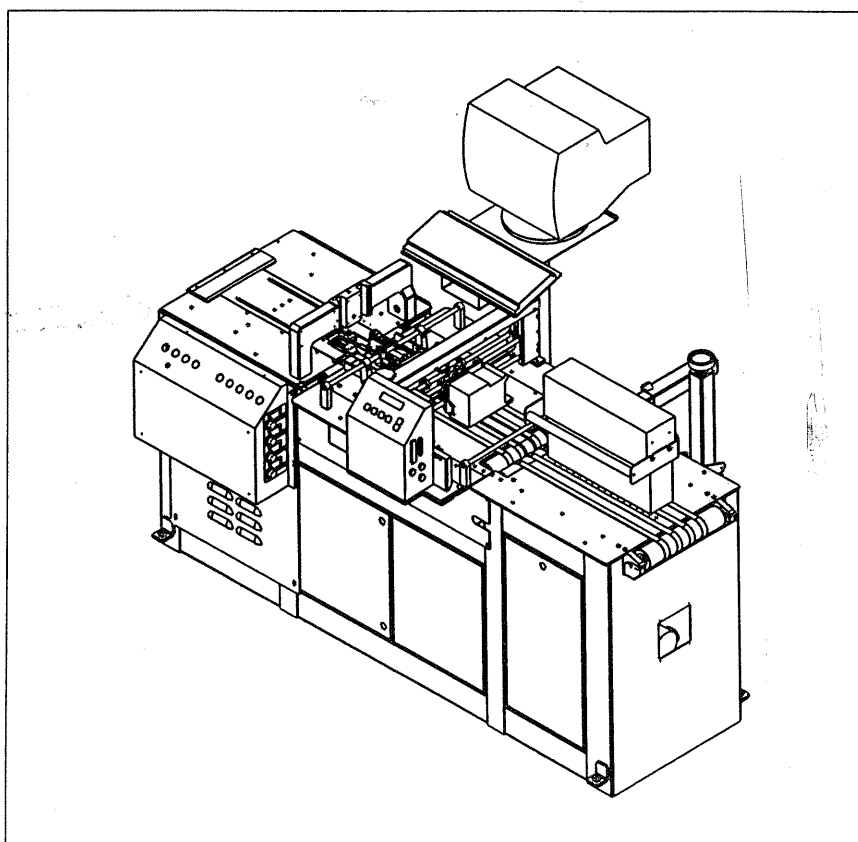


Kirk-Rudy, Inc.

Parts Manual

SP93900 KR315B

WINKJET RETRO-KIT



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-SP93900 REV. 1 9/5/01

Manual

TABLE OF CONTENTS

<u>SECTION</u>	<u>DESCRIPTION</u>	<u>PAGE</u>
1	IMPORTANT SAFETY INSTRUCTIONS	3
2	SPECIFICATIONS	4
3	MECHANICAL PARTS LIST AND DIAGRAMS	5
4	NOTES	6
5	WARRANTY AND SERVICE INFORMATION	7

NOTE: FIGURES AND DIAGRAMS ARE NOT INCLUDED IN PAGE NUMBERS.

1 Important Safety Instructions

Intended Use Statement: The SP93900 315B Winkjet retro-kit has been designed to convert the KR315A machine to run the Winkjet printing system. A complete vacuum conveyor section will replace the Astrojet unit. The drive motor for the dryer section will drive the inkjet conveyor. 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 THAT 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 SPECIFICATIONS

PRODUCT SIZE RANGE	English	Metric
Minimum Size:	3" W x 5" L	76mm W x 127mm L
Maximum Size:	9" W x 12" L	229mm W x 305mm L
Minimum Thickness:	Card Stock (.007")	Card Stock (.18mm)
Maximum Thickness:	3/8"	9.5mm

SPEED

Maximum 15,000/hr.

MACHINE DATA

BASE

Length:	75"	191cm
Width:	43.5"	110.5cm
Height:	50"	127cm
Weight: Net	400 lbs.	227.3 kgs
Shipping Crate:	500 lbs.	318.2 kgs

ELECTRICAL

Schematic # 200-177-02-100

Base Main Power Input:	220 VAC, Single Phase, 4-WIRE 60/50 Cycle, 30 A
Feeder Drive Motor:	¼ H.P. DC
Vacuum Pump:	½ H.P. DC
Table Conveyor Motor:	1/8 H.P. DC
Dryer Vacuum Blower:	120 Volt, AC 60/50 Cycle, 1.4 A
Inkjet Conveyor Blower:	120 Volt, AC 60/50 Cycle, 2A
Speed Up Conveyor Motor:	¼ H.P. DC

CONNECTIONS SUPPLIED FOR NON KIRK-RUDY EQUIPMENT

120 VAC outlet (for Bryce box, computer, monitor)	120 VAC, 60/50 Hz, 5Amps
220 VAC outlet (for dryer)	220 VAC, 60/50 Hz, 12 Amps

Warning: Dryers that require more than 12 amps must be externally powered.

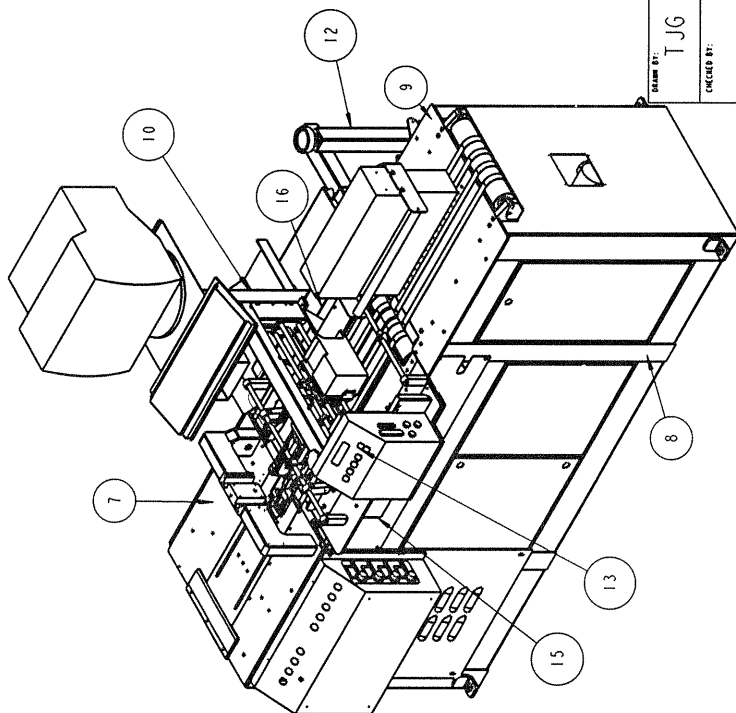
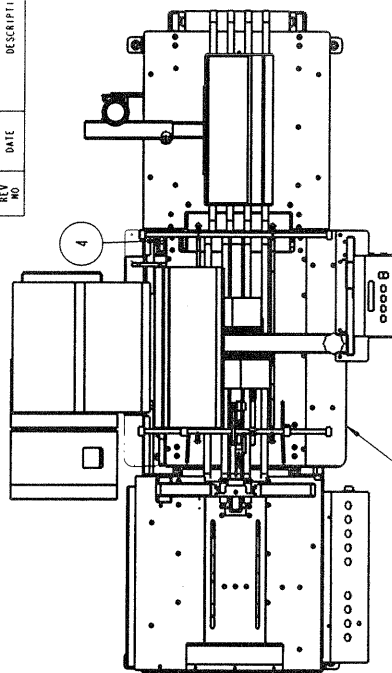
NOTE: The above noted non-Kirk-Rudy Equipment is shown in this manual for view reference only. Please reference the equipment's manufacturers supplied manual.

3 PARTS LISTS AND DIAGRAMS

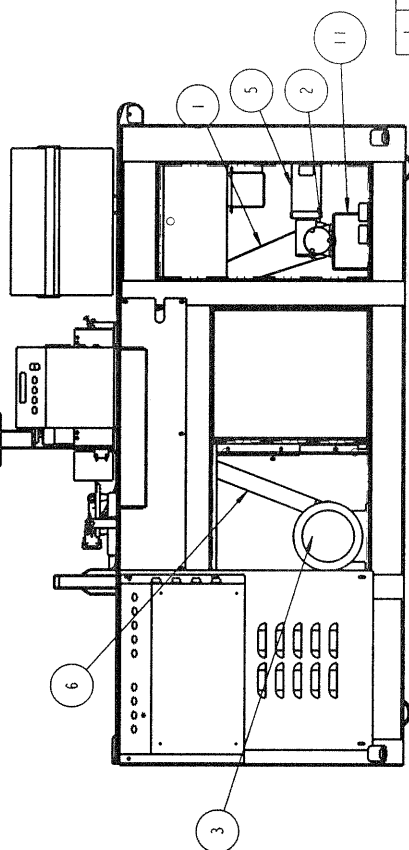
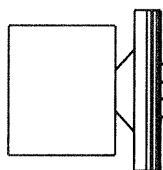
This section contains the entire mechanical bill of materials and assembly drawings.



ITEM	QTY	PART #	DESCRIPTION
1	1	108988	BELT, TIMING 540L050
2	1	109319	PULLEY, TIMING 32L050 .625B .188K
3	1	200120	BLOWER, GAST
4	1	109115-1	BELT, TIMING 098L050
5	1	200170-2	MOTOR, 1/8HP DC GEAR
6	1	200202-3	VACUUM HOSE, 1.5" ID X 36"
7	1	532056-01	ASSY, BRIDGE AND SHUTTLE
8	1	532060-01	ASSY, CABINET
9	1	532078-02	ASSY, DRYER CONVEYOR
10	1	532152-09	ASSY, MONITOR STAND W/ 2 TRAY
11	1	532475-01	MOUNT, MOTOR
12	1	532734-01	ASSY, DRYER MOUNT
13	1	538497-02	ASSY, WINKJET SINGLE STAND
14	1	538916-01	ASSY, CENTER SECTION 315B
15	1	538920-01	WDMT, 315B COVER FRONT
16	1	538930-01	WDMT, 315B COVER BACK

ON REV	DATE	DESCRIPTION	ON M33	AS
-----------	------	-------------	-----------	----



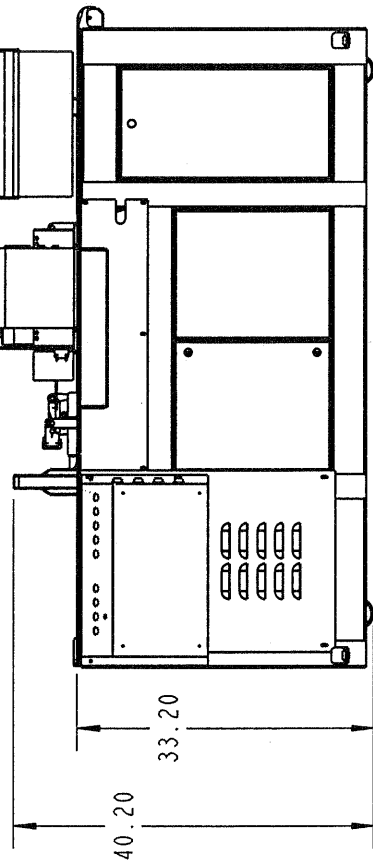
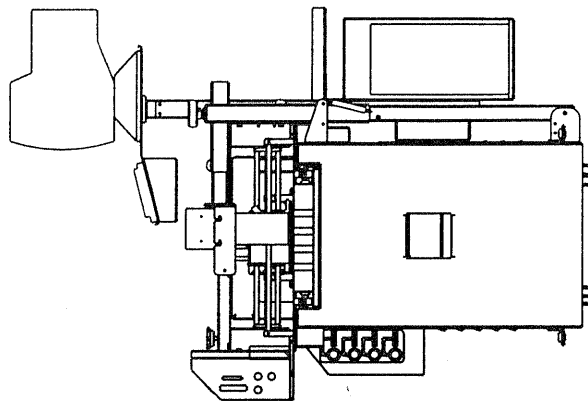
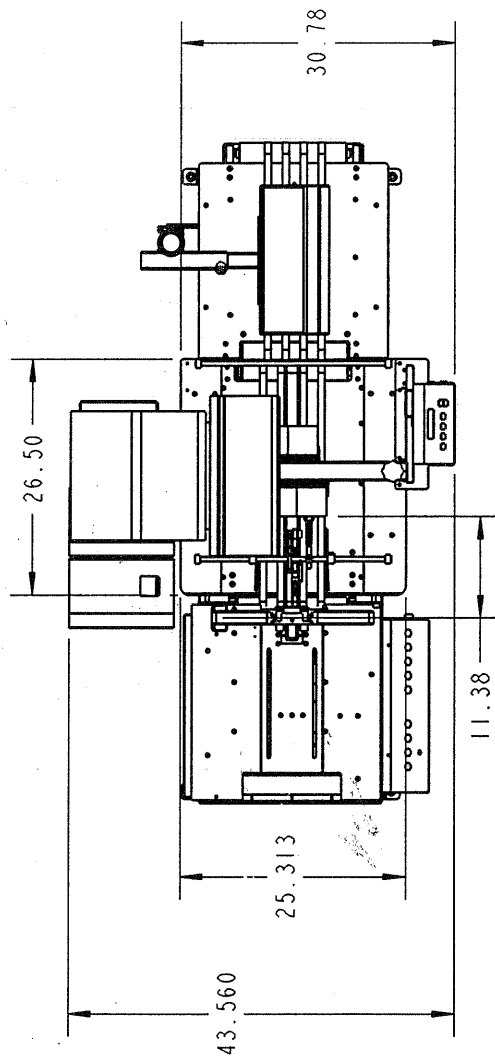
SCALE 0.075



DRAWN BY: TJG	SCALE: 0.075	DIMENSIONS AND TOLERANCES UNLESS OTHERWISE NOTED			MATERIAL: NOTED	TENSILE SHEET PRODUCTION  SP93900	PROPRIETARY AND CONFIDENTIAL MAY BE COPIED OR REPRODUCED ONLY BY EXPRESS WRITTEN PERMISSION KIRK - RUDY, INC. KENNESAW, GA 30144, USA		KIRK - RUDY, INC. KENNESAW, GEORGIA	1 SP93900 KRD 0 WHERE USED																																																						
		10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100							10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100

SP93900

REV NO	DATE	DESCRIPTION	ECN NO	BY
-----------	------	-------------	-----------	----



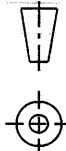
1	SP93900
REQ'D	WHERE USED

PROPRIETARY AND CONFIDENTIAL
ANY 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

THIRD ANGLE PROJECTION



MATERIAL: NOTED

DIMENSIONAL TOLERANCES
UNLESS OTHERWISE NOTED

.XX	.XXX	ANG.
.01	.005	.5

REMOVE ALL BURRS AND
SHARP EDGES UNLESS
OTHERWISE NOTED

ALL DIMENSIONS ARE
FINISHED DIMENSIONS
DO NOT SCALE - WORK
TO DIMENSIONS ONLY

HEAT TREAT: NONE

FINISH: NOTED

SCALE: 0.050

DATE: 27-Aug-01

MASTER: *M*

DRAWN BY: TJG

CHECKED BY:

TRACED BY:

TITLE: ASSY, KR315B

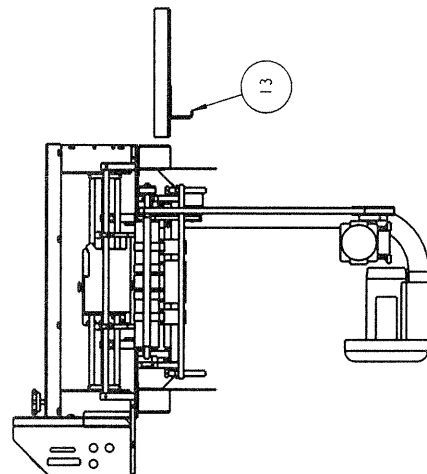
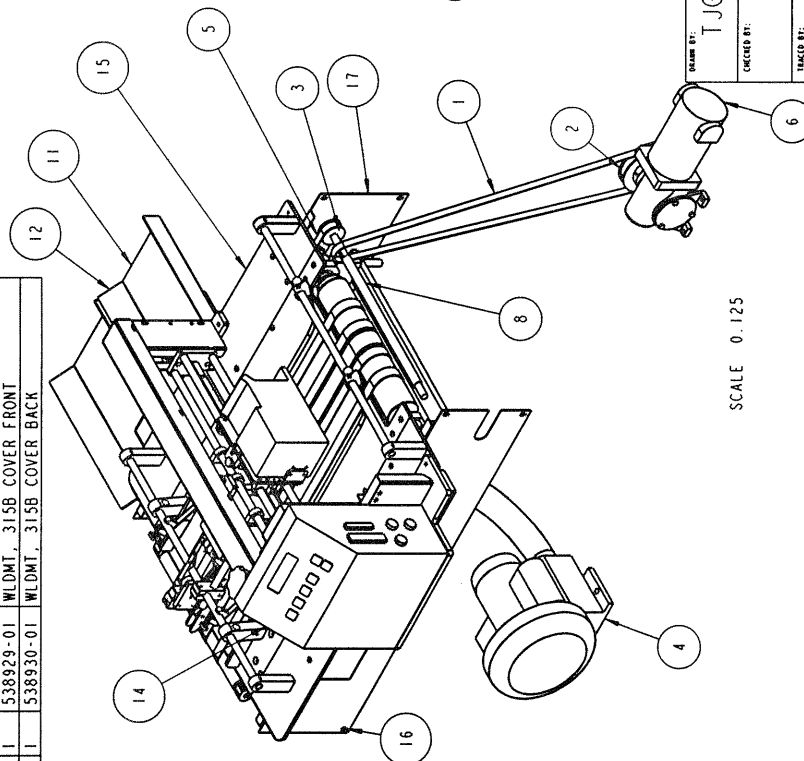
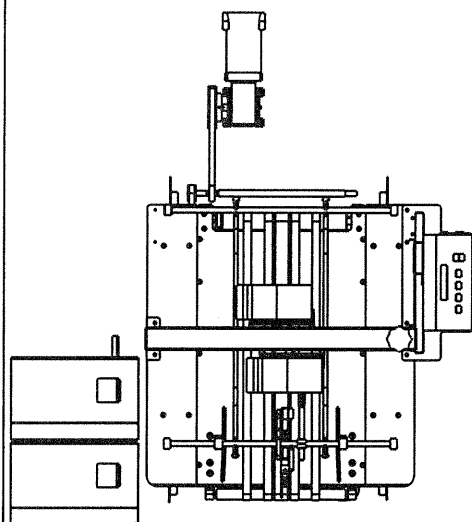
DRAWING #

SHEET NO. 20F2

SP93900


REV NO	DATE	DESCRIPTION	ECH NO	BY
-----------	------	-------------	-----------	----

ITEM	QTY	PART #	DESCRIPTION
1	1	I08988	BELT, TIMING 540L050
2	1	I09319	PULLEY, TIMING 32L050 625B .188K
3	1	I09953	TIMING PULLEY, 12L050, NO HUB
4	1	200120	BLOWER, GAST
5	1	I09115-1	BELT, TIMING 098L050
6	1	200170-2	MOTOR, 1/8HP DC GEAR
7	1	200202-3	VACUUM HOSE, 1.5" ID X 36"
8	1	531034-03	SHAFT, ROLLER DRIVE DRYER
9	1	532078-02	ASSY, DRYER CONVEYOR
10	1	532079-02	ASSY, CONVEYOR DRIVE
11	1	532152-09	ASSY, MONITOR STAND W/ 2 TRAY
12	2	536932-01	SHELF, INK/CARTRIDGE HP
13	1	538095-03	BRACKET, INK TRAY MTG SHORT
14	1	538497-02	ASSY, WINK/JET SINGLE STAND
15	1	538916-01	ASSY, CENTER SECTION 315B
16	1	538929-01	W/DMT, 315B COVER FRONT
17	1	538930-01	W/DMT, 315B COVER BACK



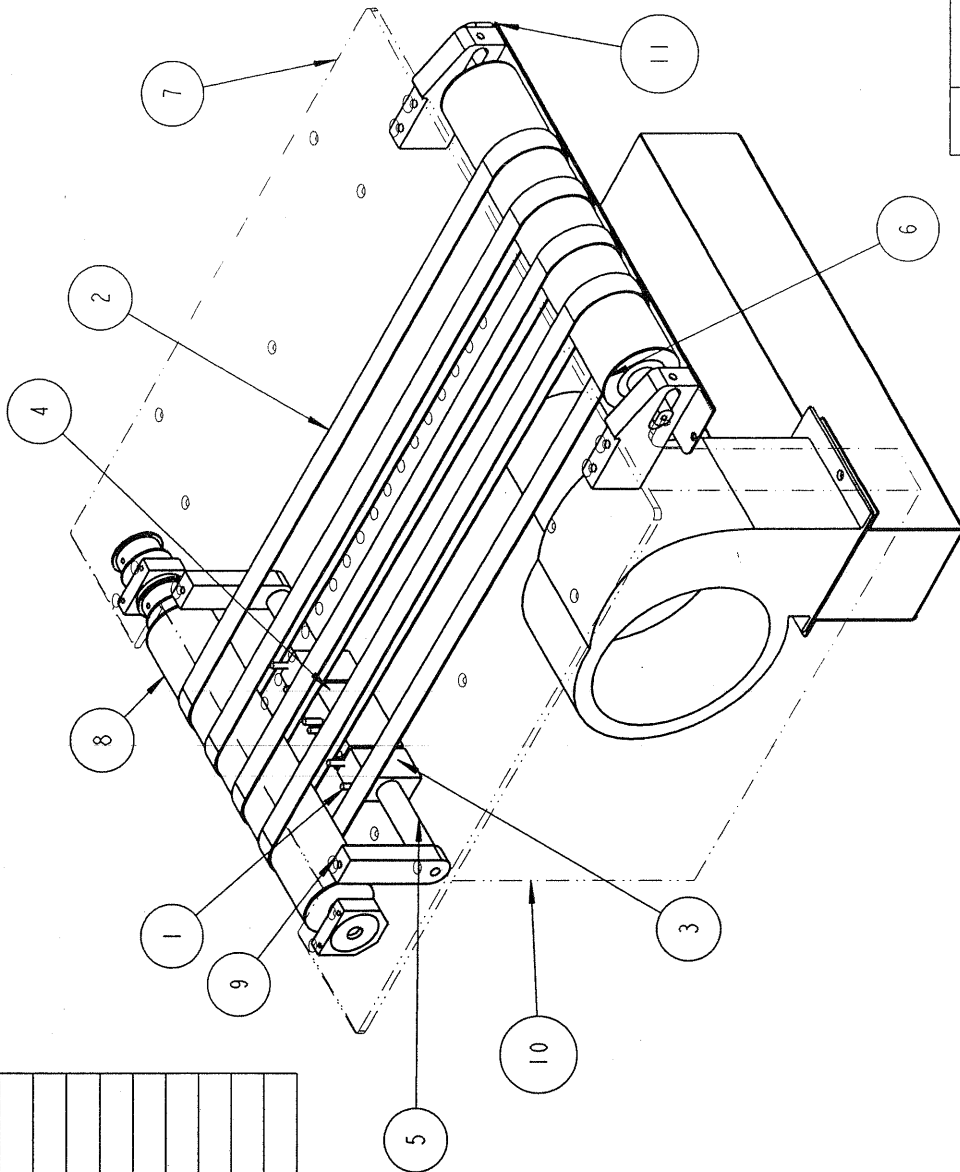
NOTES:
1. PARTS FOR 315B RETRO-KIT SHOWN ONLY

SCALE 0.125

NOT FOR CONSTRUCTION OF PARTS FOR 315B RETRO-KIT SHOWN ONLY										
1. PARTS FOR 315B RETRO-KIT SHOWN ONLY										
DRAWN BY: TJG	SCALE: 0.090	DIMENSIONAL TOLERANCES UNLESS OTHERWISE NOTED		MATERIAL: NOTED		THIRD ANGLE PROJECTION 		PROPRIETARY AND CONFIDENTIAL NOT FOR CONSTRUCTION OF REPRODUCED PARTS FROM THIS DRAWING WITHOUT THE EXPRESS WRITTEN PERMISSION OF KIRK - RUDY, INC. KENNESAW, GA 30144 USA		I SP93900 WHERE USED
CHECKED BY: 02-Nov-01	DATE: 02-Nov-01	REMOVED ALL DIMENSIONS AND TOLERANCES UNLESS OTHERWISE NOTED		HEAT TREAT: NONE		SHEET NO SP93900		TITLE: ASSY, KR315B		KIRK - RUDY, INC. KENNESAW, GA 30144 USA
TRACED BY: 02-Nov-01	MATTER: 02-Nov-01	REMOVED ALL DIMENSIONS AND TOLERANCES UNLESS OTHERWISE NOTED		FINISH: NOTED		SHEET NO 30F3		DRAWING #		SP93900

REV NO	DATE	DESCRIPTION	ECN NO	BY

ITEM	QTY	PART #	DESCRIPTION
1	8	105419	DOWEL, PIN .188X1.000
2	4	106447-1	BELT, HIGH HEAT 3/4 X 51.5
3	2	500725-13	GUIDE, BELT 3/4
4	1	500725-17	GUIDE, BELT
5	1	500824-7	SHAFT-BELT GUIDE
6	1	530619-01	ASSY, IDLER ROLLER
7	1	531033-03	TABLETOP, DRYER
8	1	532079-02	ASSY, CONVEYOR DRIVE
9	2	532163-01	STAND, BELT GUIDE
10	1	532450-01	ASSY, VACUUM CHAMBER
11	1	532712-01	ASSY, OUTFD SAFETY COVER

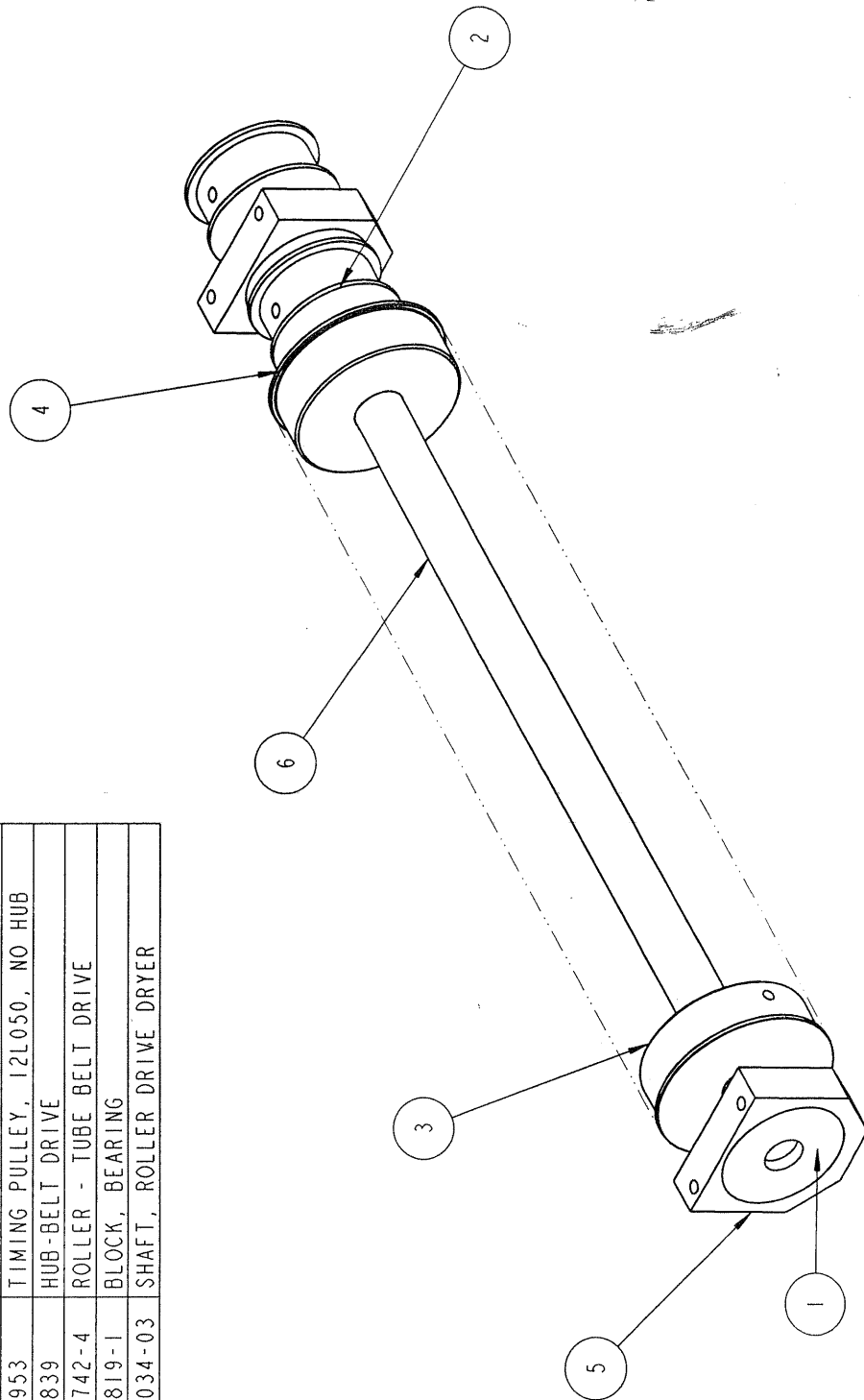


1	SP93900
REQ'D	WHERE USED

DRWN BY: TJG	SCALE 0.188	DIMENSIONAL TOLERANCES UNLESS OTHERWISE NOTED XX .01 XXX .005 ANG. .5	MATERIAL: NOTED	THIRD ANGLE PROJECTION 	PROPRIETARY AND CONFIDENTIAL NO PORTION OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE EXPRESS WRITTEN PERMISSION OF KIRK-RUDY, INC. KENNESAW, GA 30144 USA	KIRK - RUDY, INC. KENNESAW, GEORGIA
CHECKED BY:	DATE 06-Sep-01	REMOVE ALL BURRS AND SHARP EDGES UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE FINISHED DIMENSIONS DO NOT SCALE - WORK TO DIMENSIONS ONLY	HEAT TREAT: NONE	MODEL: SP93900	TITLE: ASSY, DRYER CONVEYOR	
TRACED BY:	MASTER M		FINISH: NOTED	SHEET NO: 10F1		532078-02

ITEM	QTY	PART #	DESCRIPTION
1	2	103803	BEARING, HUB .500
2	2	109953	TIMING PULLEY, 12L050, NO HUB
3	2	500839	HUB-BELT DRIVE
4	1	500742-4	ROLLER - TUBE BELT DRIVE
5	2	500819-1	BLOCK, BEARING
6	1	531034-03	SHAFT, ROLLER DRIVE DRYER

REV NO	DATE	DESCRIPTION	ECN NO	BY
--------	------	-------------	--------	----

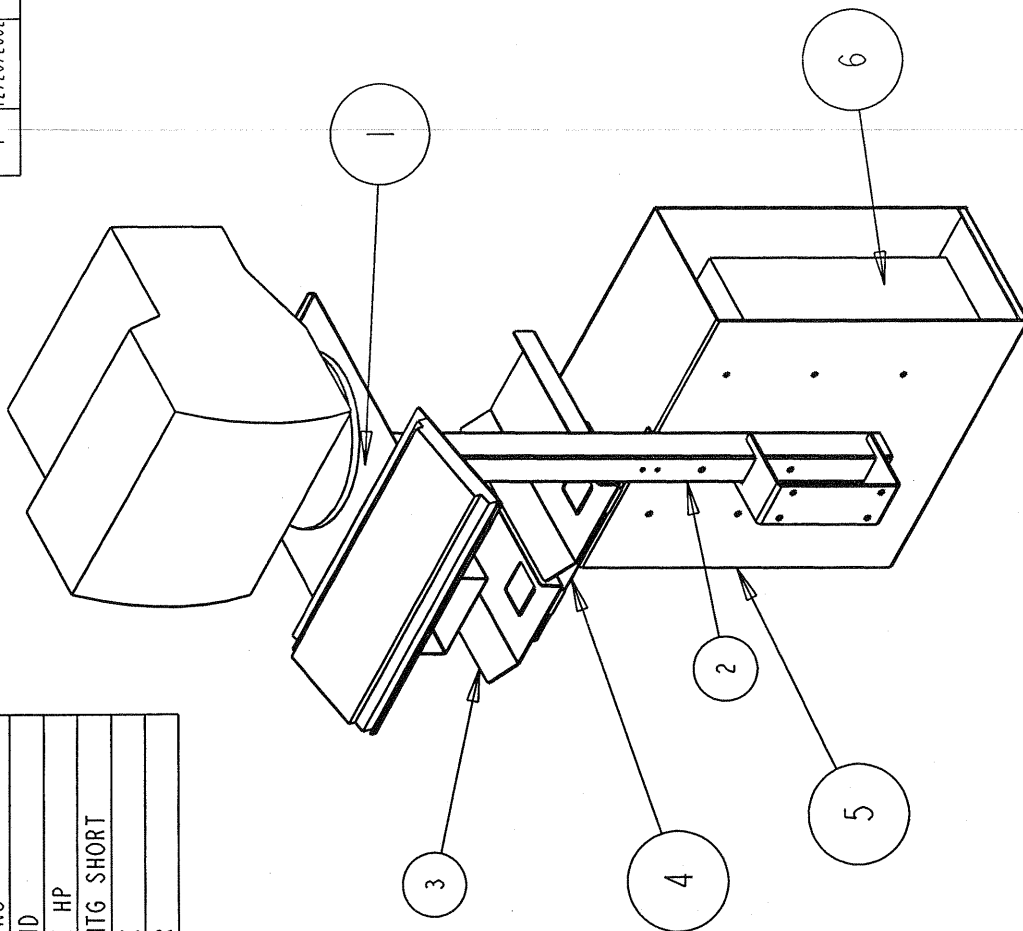


DRAWN BY: TJG CHECKED BY: TRACED BY:	SCALE: 0.500 DATE: 06-Sep-01 MASTER: <i>M</i>	MATERIAL: NOTED HEAT TREAT: N/A FINISH: NOTED	DIMENSIONAL TOLERANCES UNLESS OTHERWISE NOTED <table border="1"> <tr> <td>.XX</td> <td>.XXX</td> <td>ANG.</td> </tr> <tr> <td>.01</td> <td>.005</td> <td>.5</td> </tr> </table> REMOVE ALL BURRS AND SHARP EDGES UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE FINISHED DIMENSIONS DO NOT SCALE - WORK TO DIMENSIONS ONLY	.XX	.XXX	ANG.	.01	.005	.5	THIRD ANGLE PROJECTION MODEL: SP93900 SHEET NO: 1 OF 1	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: 532078-02 REQ'D WHERE USED
.XX	.XXX	ANG.											
.01	.005	.5											
TITLE: ASSY, CONVEYOR DRIVE													
DRAWING #: 532079-02													

532152-09

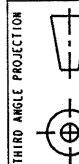
ITEM	QTY	PART #	DESCRIPTION
1	1	532155-01	ASSY, BEARING HOUSING
2	1	536586-01	WLDMT, MONITOR STAND
3	2	536932-01	SHELF, INKCARTRIDGE HP
4	1	538095-03	BRACKET, INK TRAY MTG SHORT
5	1	538502-03	WLDMT, COMPUTER BOX
6	1	COMPUTER_CP	COMPUTER, CPU TOWER

REV NO	DATE	DESCRIPTION	ECN NO	BY
1	12/20/2002	REPLACE 538502-01 WITH WLDMT 538502-03	6914	TJG



1	SP93900
REQ'D	WHERE USED

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



THIRD ANGLE PROJECTION

MATERIAL: NOTED

DIMENSIONAL TOLERANCES UNLESS OTHERWISE NOTED		
.XX	.XXX	ANG.
.01	.005	.5

REMOVE ALL BURRS AND
SHARP EDGES UNLESS
OTHERWISE NOTED

HEAT TREAT: NONE

FINISH: NOTED

KR KIRK - RUDY, INC.
KENNESAW, GEORGIA

MODEL: SP93900

TITLE:

ASSY, MONITOR STAND W/ 2 TRAY

SHEET NO: 1 OF 1

DRAWING 1

NOTED

ALL DIMENSIONS ARE
FINISHED DIMENSIONS
DO NOT SCALE - WORK
TO DIMENSIONS ONLY

532152-09

DRAWN BY: TJG

SCALE: 0.100

CHECKED BY:

DATE: 20-Sep-01

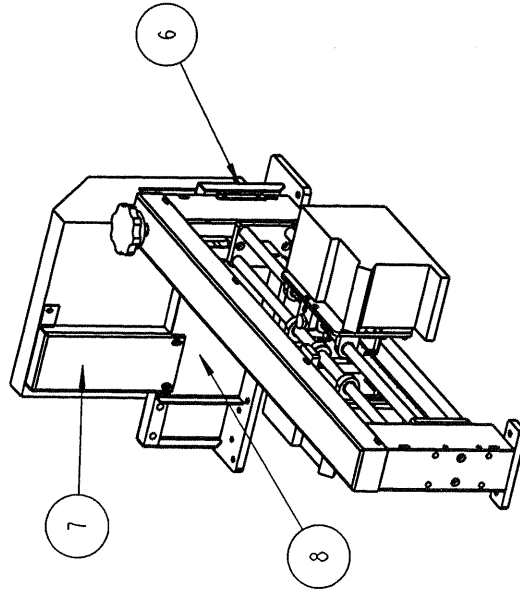
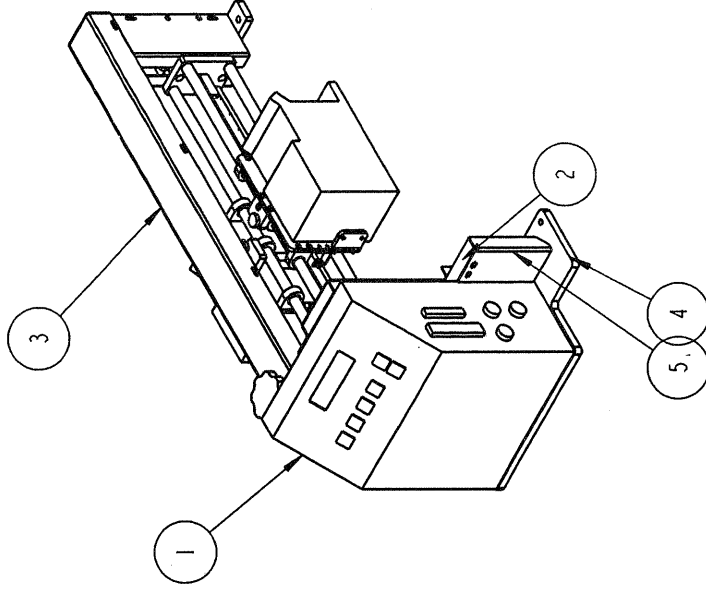
TRACED BY:

MASTER: M

538497-02

ITEM	QTY	PART #	DESCRIPTION
1	1	1001	WINKJET CONTROL MODULE
2	1	536497-02	BAR, CABLE COVER
3	1	538169-03	ASSY, WINKJET INKJET STAND
4	1	538498-01	PLATE, CONTROL MOD. SUPPORT
5	1	538499-01	COVER, CABLE RH
6	1	538499-02	COVER, CABLE LH
7	1	538500-01	COVER, CABLE TOP
8	1	538501-01	COVER, CABLE REAR

REV NO	DATE	DESCRIPTION	ECN NO	BY
--------	------	-------------	--------	----

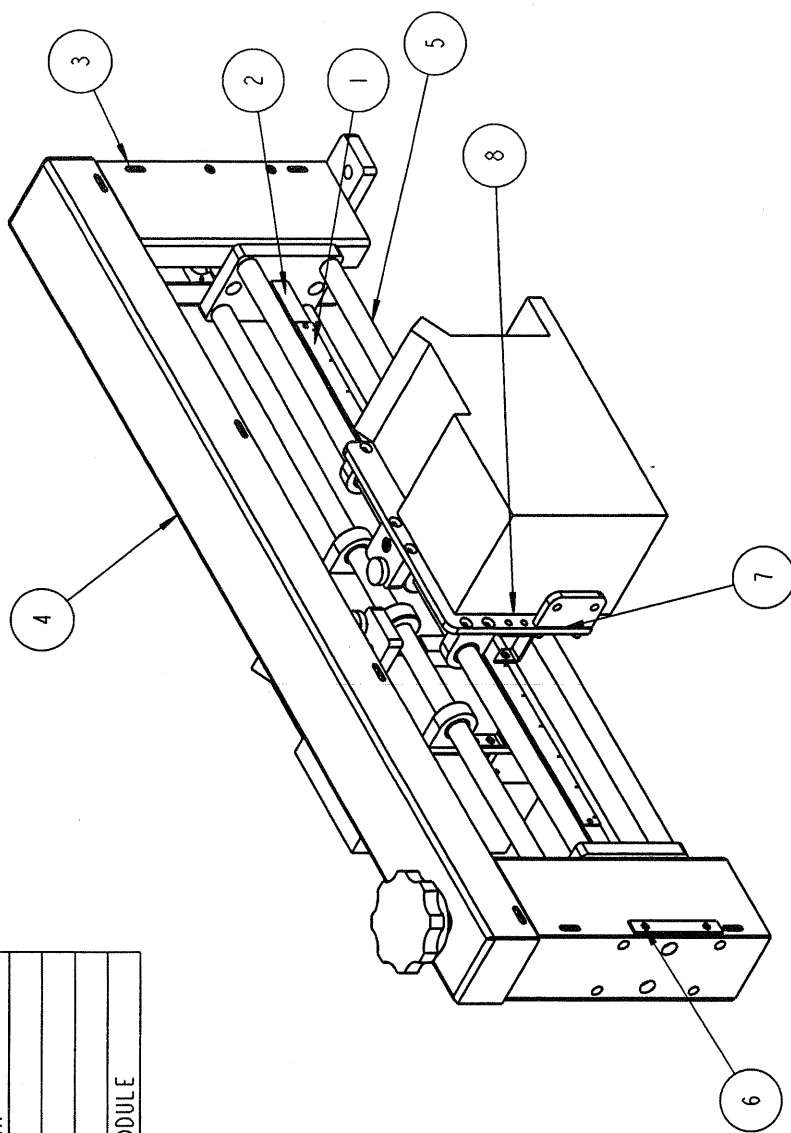


SCALE 0.125




DRAWN BY: TJG	SCALE 0.125	DIMENSIONAL TOLERANCES UNLESS OTHERWISE NOTED XX .XX ANG. XX .01 .005 .5	MATERIAL: XXX	THIRD ANGLE PROJECTION 	PROPRIETARY AND CONFIDENTIAL NO PORTION OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE EXPRESS WRITTEN PERMISSION OF KIRK-RUDY, INC. KENNESAW, GA 30144 USA	KIRK - RUDY, INC. KENNESAW, GEORGIA	I SP87200 REC'D WHERE USED
	CHECKED BY:						
TRACED BY:	MASTER 	FINISH: XXX			SHEET NO. 10F1		
				DRAWING 1 538497-02			

ITEM	QTY	PART #	DESCRIPTION
1	2	190771	SCALE, CENTER ZERO
2	1	531678-02	BAR, SCALE SUPPORT
3	1	538153-02	ASSY, VERTICAL ADJ. LH
4	1	538153-03	ASSY, VERTICAL ADJ. RH
5	4	538168-01	SHAFT, HEAD SUPPORT
6	2	538178-01	STRAP, RIBBON CLAMP
7	2	538269-01	ASSY, INKJET MOUNT
8	2	BRYCE_INKHEAD	BRYCE, INKJET HEAD MODULE

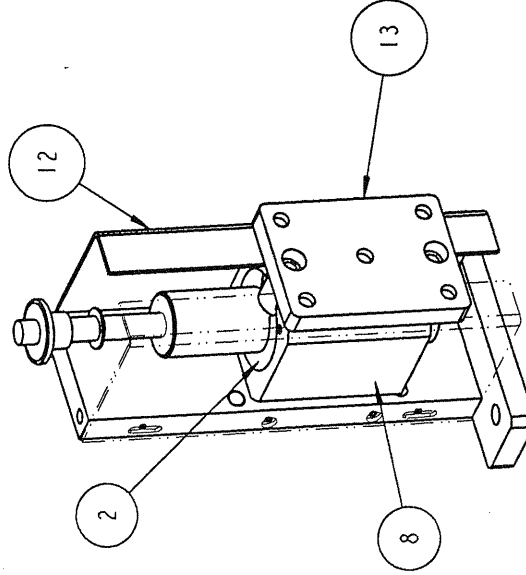
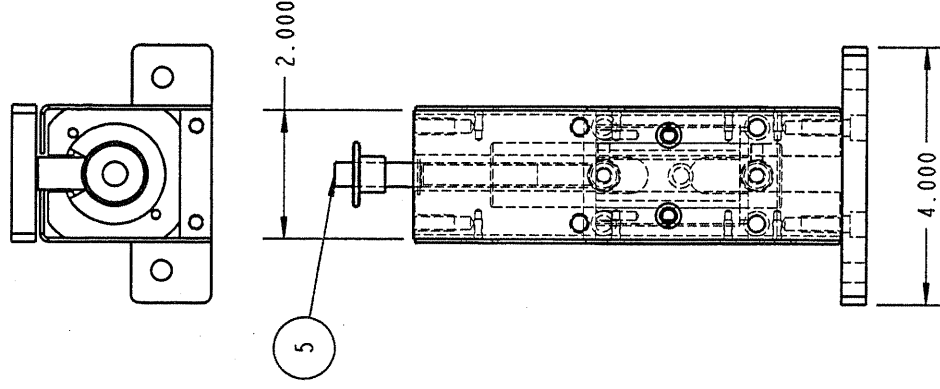
REV NO	DATE	DESCRIPTION	ECN NO	BY
-----------	------	-------------	-----------	----



2	538497-01
REQ'D	WHERE USED

DRAWN BY: TJG	SCALE 0.250	DIMENSIONAL TOLERANCES UNLESS OTHERWISE NOTED			MATERIAL: XXX	THIRD ANGLE PROJECTION 	PROPRIETARY AND CONFIDENTIAL NO CONTENTS OR INFORMATION BE LOANED OR REPRODUCED IN ANY FORM WITHOUT THE EXPRESS WRITTEN PERMISSION OF KIRK-RUDY, INC. KENNESAW, GA 30144 USA	 KIRK - RUDY, INC. KENNESAW, GEORGIA	
CHECKED BY:	DATE 02-06-00	.XX .XXX ANG. .01 .005 .5 REMOVE ALL BURRS AND SHARP EDGES UNLESS OTHERWISE NOTED			HEAT TREAT: XXX	MODEL: SP87200	TITLE: ASSY, WINKJET INKJET STAND		
TRACED BY:	MASTER 	ALL DIMENSIONS ARE FINISHED DIMENSIONS DO NOT SCALE - WORK TO DIMENSIONS ONLY			FINISH: XXX	SHEET NO. 1 OF 3	DRAWING #	538169-03	

ITEM	QTY	PART #	DESCRIPTION
1	1	102306	SHIM, .375X.625X.031
2	1	102906	BEARING, LINEAR SLEEVE OPEN
3	1	104100	SNAPRING, .375
4	1	110163	SPRKT, 25B11 .375B NK
5	1	500341-1	SHAFT, LIFT
6	2	538146-01	SHAFT, BRACKET SUPPORT
7	1	538147-01	SHAFT, VERTICAL SUPPORT
8	1	538149-01	HOUSING, LINEAR BEARING
9	1	538150-01	PLATE, VERTICAL MOUNT
10	1	538152-01	PLATE, BOTTOM SUPPORT
11	1	538154-01	COVER, LINEAR SLIDE RH
12	1	538154-02	COVER, LINEAR SLIDE LH
13	1	538167-01	PLATE, SHAFT SUPPORT



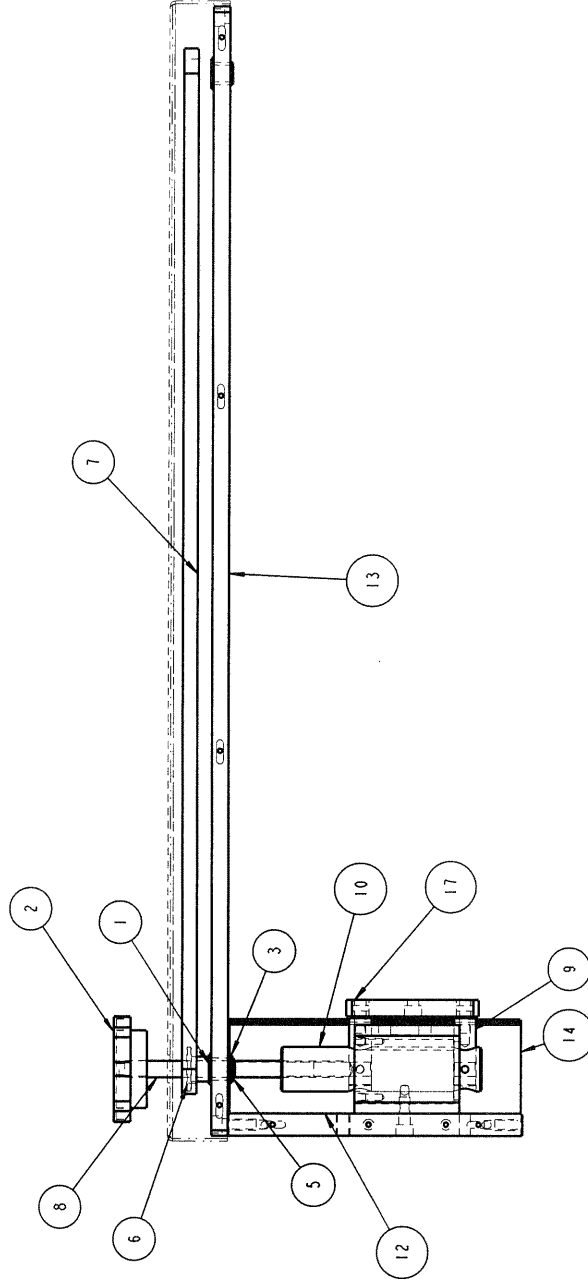
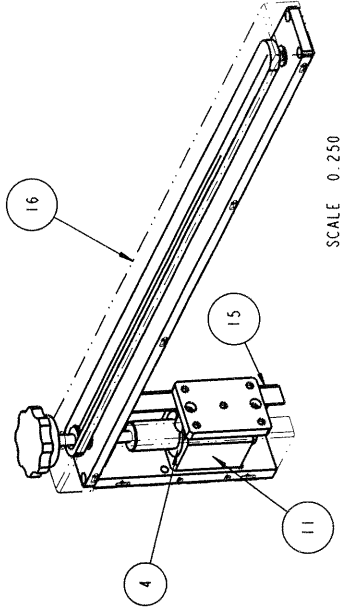
SCALE 0.375

DRAWN BY: TJG	SCALE: 0.375	DIMENSIONAL TOLERANCES UNLESS OTHERWISE NOTED <table border="1"> <tr> <th></th> <th>XX</th> <th>XXX</th> <th>ANG.</th> </tr> <tr> <td></td> <td>.01</td> <td>.005</td> <td>.5</td> </tr> </table>		XX	XXX	ANG.		.01	.005	.5	MATERIAL: XXX	THIRD ANGLE PROJECTION 	PROPRIETARY AND CONFIDENTIAL KIRK - RUDY, INC. KENNESAW, GA 30144 USA	REV NO 1	DATE 	DESCRIPTION 	ECW NO 	BY
	XX	XXX	ANG.															
	.01	.005	.5															
CHECKED BY: 	DATE: 10-Jan-00	REMOVE ALL BURRS AND SHARP EDGES UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE FINISHED DIMENSIONS DO NOT SCALE - WORK TO DIMENSIONS ONLY	HEAT TREAT: XXX	TITLE: ASSY, VERTICAL ADJ. LH	KIRK - RUDY, INC. KENNESAW, GEORGIA	REC'D 	WHERE USED 											
TRACED BY: 	MASTER M		FINISH: XXX	SHEET NO. 1 OF 1														

538153-02

538153-03

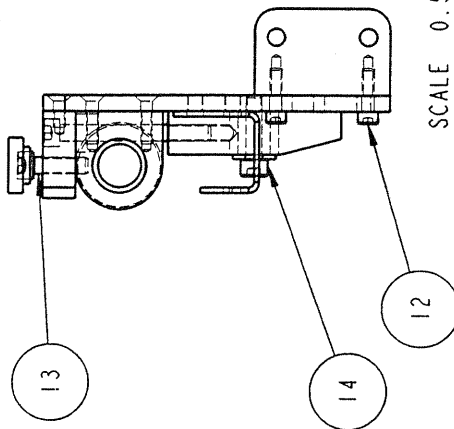
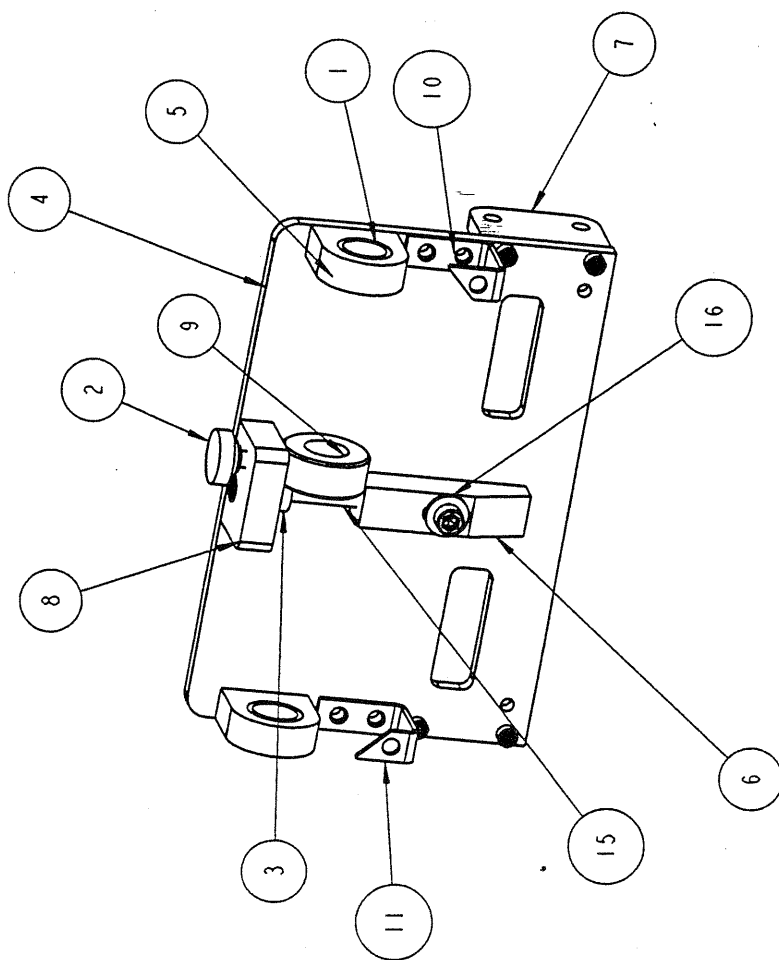
ITEM QTY	PART #	DESCRIPTION
1	2	BUSHING, FL 375ID-5000D-500LG
2	1	102112 KNOB, PURCHASED
3	1	102306 SHIM, .375X.625X.031
4	1	102906 BEARING, LINEAR SLEEVE OPEN
5	1	104100 SNAPPING, .375
6	1	110163 SPRKT, 25B11 375B NK
7	1	110021-30 CHAIN, NO. 25 X 47.5 IN.
8	1	500341-2 SHAFT, LIFT
9	2	538146-01 SHAFT, BRACKET SUPPORT
10	1	538147-01 SHAFT, VERTICAL SUPPORT
11	1	538149-01 HOUSING, LINEAR BEARING
12	1	538150-01 PLATE, VERTICAL MOUNT
13	1	538151-01 PLATE, SCREW SUPPORT
14	1	538154-01 COVER, LINEAR SLIDE RH
15	1	538154-02 COVER, LINEAR SLIDE LH
16	1	538155-01 COVER, CHAIN
17	1	538167-01 PLATE, SHAFT SUPPORT





DRAWN BY: TJG		SCALE: 0.375	DATE: 26-Oct-00		MASTER
CHECKED BY:					
TRACED BY:					
DIMENSIONAL TOLERANCES UNLESS OTHERWISE NOTED		MATERIAL: XXX		FINISH: XXX	
THERMAL PROTECTION: XXX		THERMAL TREAT: XXX		THERMAL TREAT: XXX	
PROPERTY AND CONFIDENTIALITY NOTICE: THIS DRAWING IS THE PROPERTY OF KIRK - RUDY, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE EXPRESS WRITTEN PERMISSION OF KIRK - RUDY, INC.		KIRK - RUDY, INC. KENNESAW, GEORGIA			
TITEL: ASSY, VERTICAL ADJ. RH		SHEET NO. 10F1			
538153-03		538153-03			

ITEM QTY	PART #	DESCRIPTION	REV NO	DATE	DESCRIPTION	ECN NO	BY

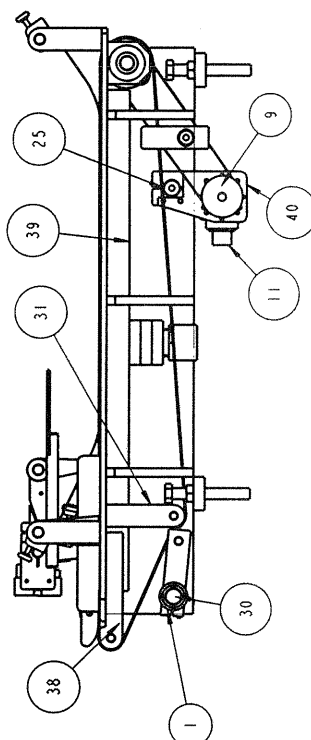
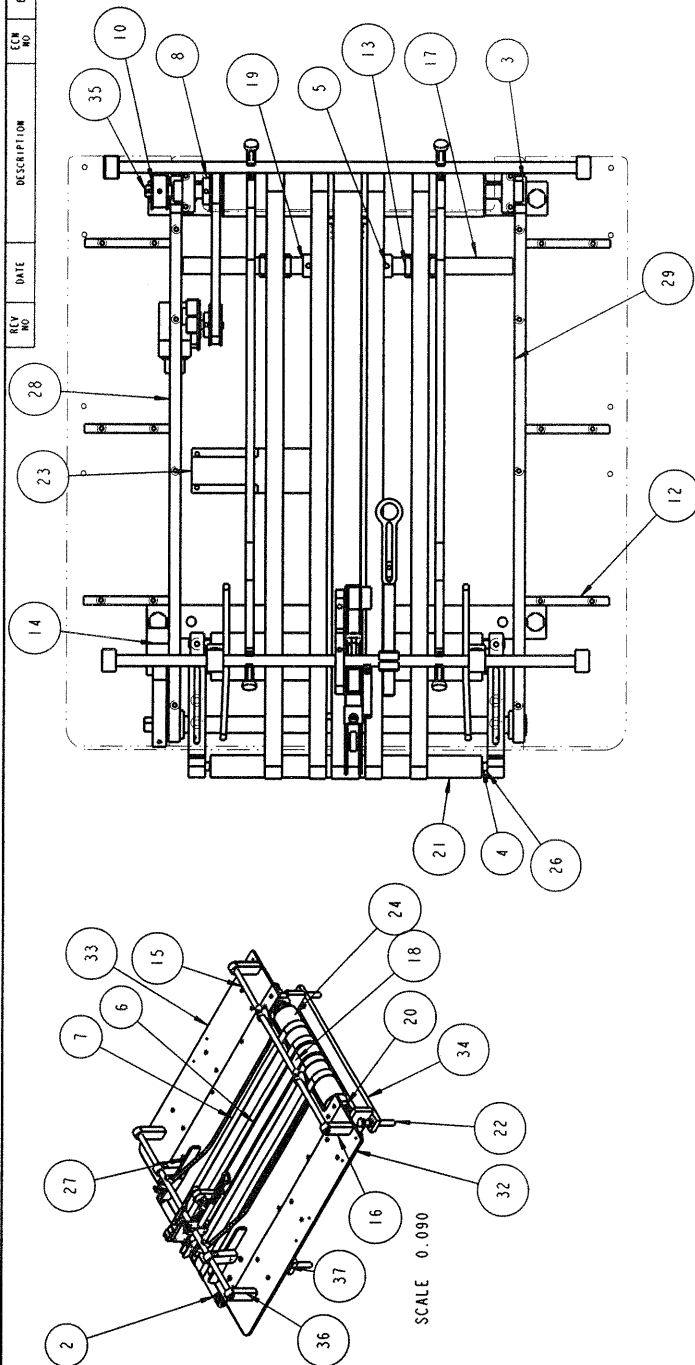
ITEM	QTY	PART #	DESCRIPTION
1	2	100133	BUSHING, SL.500ID.625OD.375LG
2	1	102132	KNOB, 10-32 CAP SCREW
3	1	102210	COLLAR .188
4	1	538270-01	PLATE, VERTICAL INKJET MNT.
5	2	538271-01	BLOCK, BUSHING MOUNT
6	1	538273-01	CAM, INKJET LEVEL
7	2	538277-01	PLATE, INKJET HEAD MOUNT
8	1	538280-01	BLOCK, SLIDE LOCK
9	1	538300-01	COLLAR, SLED LOCK
10	1	538305-01	INDICATOR, SCALE RH
11	1	538305-02	INDICATOR, SCALE LH
12	4	CSD0210	
13	1	CSD0266	
14	1	CSD0267	
15	1	CSD0272	
16	1	WA006	WASHER




SCALE 0.500

DRAWN BY: TJG	SCALE 0.500	DIMENSIONAL TOLERANCES UNLESS OTHERWISE NOTED			MATERIAL: XXX	THIRD ANGLE PROJECTION 	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	2 538169-01	WHERE USED REC'D
		.XX	.XXX	ANG.						
CHECKED BY:	DATE 18-Feb-00	REMOVE ALL BURRS AND SHARP EDGES UNLESS OTHERWISE NOTED			HEAT TREAT: XXX	MODEL: SP81400	TITLE: ASSY, INKJET MOUNT			
		.01	.005	.5						
TRACED BY:	MASTER M	ALL DIMENSIONS ARE FINISHED DIMENSIONS DO NOT SCALE - WORK TO DIMENSIONS ONLY			FINISH: XXX	SHEET NO. 10F2	DRAWING #			538269-01

ITEM	QTY	PART #	DESCRIPTION
1	2	100329	BUSHING, FL.7501DI.00000.750LG
2	4	103106	BEARING, FLAT .375
3	2	103804	BEARING, HUB .625
4	4	104100	SNAPRING. .375
5	4	105419	DOWEL, PIN .188X1.000
6	1	106574	BELT, GREEN 1.25 X 57.25
7	4	106575	BELT, GREEN 3/4 X 57.25
8	1	109847	PULLEY, 28XLO37 .6258 WK
9	1	109848	PULLEY, 26XLO37 .3758 WK
10	1	109953	TIMING PULLEY, 12LO50, NO HUB
11	1	102492	ENCODER, DTNAPAR 1000PPR
12	6	500721	GUSSET - TABLETOP SUPPORT
13	2	500725	GUIDE - BELT
14	1	500785	BLOCK-SPRING
15	1	500787	SHAFT-SIDE GUIDE ADJ..
16	2	500791	POST, SIDEGUIDE
17	1	500824	SHAFT-BELT GUIDE
18	1	109014-1	BELT, TIMING 200XLO37
19	1	500725-7	GUIDE, BELT
20	2	500819-2	BLOCK, BEARING
21	2	507262-2	ROLLER, TRANSFER
22	4	510660-1	SCREW-ADJUSTING
23	1	530656-01	ASSY, VACUUM MANIFOLD
24	1	530676-01	ROLLER ASY
25	1	538341-01	STUD, ENCODER MOUNT
26	2	538800-02	SHAFT, ROLLER SUPPORT
27	1	538914-01	TABLETPO 30.5 IN EXT. CANTER VA
28	1	538915-01	PLATE, BASE SUPPORT RH
29	1	538915-02	PLATE, BASE SUPPORT LH
30	1	538917-01	ASSY, SPRING BELT TAKEUP
31	2	538918-01	POST, ROLLER DIVERT
32	1	538919-01	TABLETPO, SIDE 3158 RH
33	1	538919-02	TABLETPO, SIDE 3158 LH
34	2	538921-01	BAR, 3158 CONVEYOR MOUNT
35	1	538923-01	SHAFT, 3158 CONVEYOR DRIVE
36	1	538989-01	ASSY, SKIDBAR/SENSOR
37	4	HJN014	NUT, JAM 1/2-13
38	2	SP29701-2	BRKT, BELT TAKEUP
39	1	SP30202-11	BLOCK, VACUUM
40	1	SP45241-10	PLATE, ENCODER MOUNT

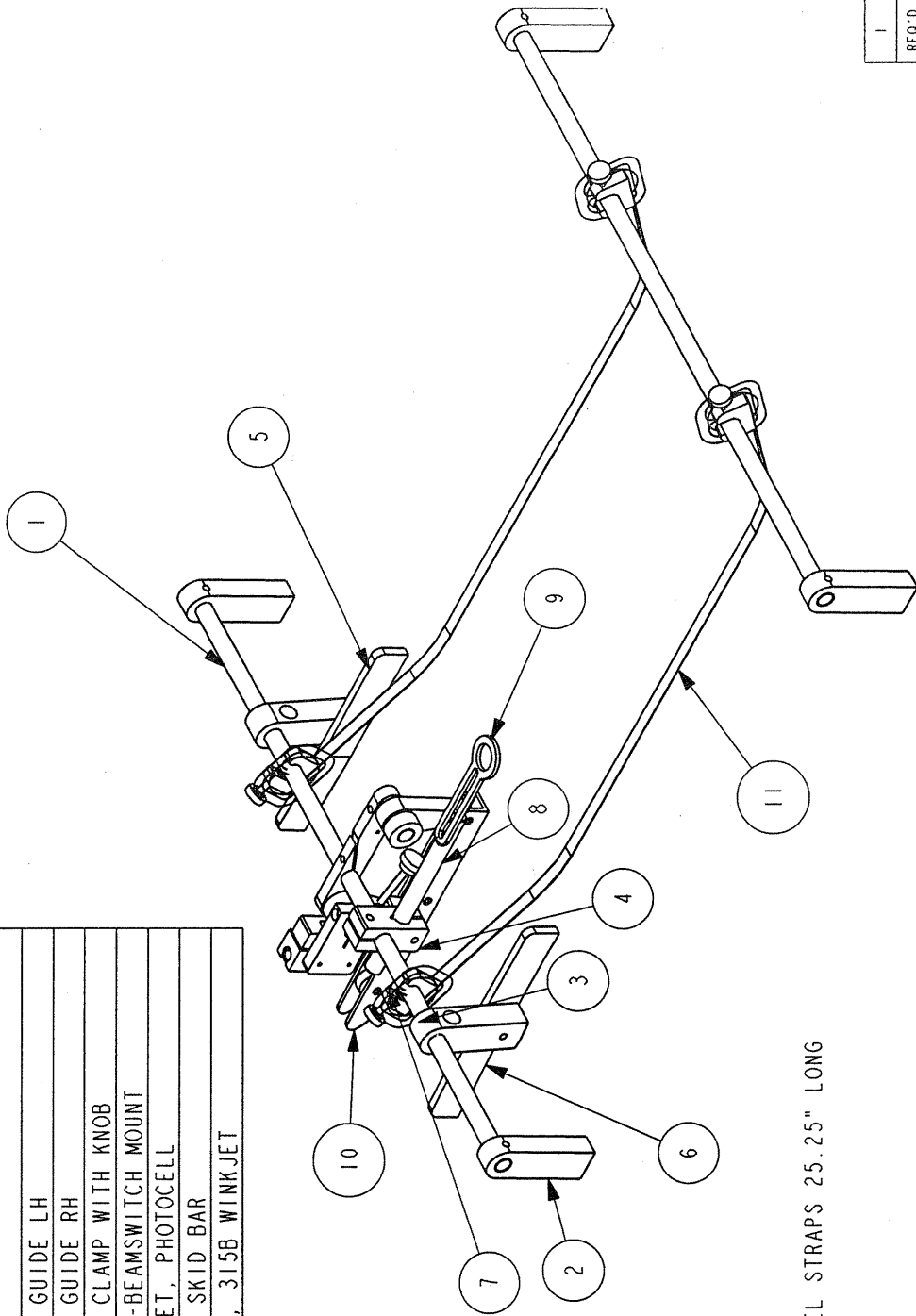


DRAWN BY: TJG	SCALE	0.188	DIMENSIONAL TOLERANCES UNLESS OTHERWISE NOTED			MATERIAL: XXX	THIRD ANGLE PROJECTION 	PROPRIETARY AND CONFIDENTIAL MAY BE COPIED OR REPRODUCED ONLY BY AUTHORITY OF THE EXPRESS WRITTEN PERMISSION OF THE RDT-100 KIRKSAW, INC. 30124 USA	KIRK - RUDY, INC. KENNESAW, GEORGIA	315B	WHERE USED
	CHECKED BY:	DATE	04-Sep-01	WEAT TREAT:	XXX						
TRACED BY:	MASTER		REMOVE ALL DIMENSIONS UNLESS OTHERWISE NOTED			FINISH:	XXX	ASSY, CENTER SECTION 315B			
ALL DIMENSIONS ARE FINISHED DIMENSIONS DO NOT SCALE - WORK TO DIMENSIONS										TITEL ASSY, CENTER SECTION 315B SHEET NO. 1 OF 1	DRAWING # 538916-01

538989-01

ITEM	QTY	PART #	DESCRIPTION	REV NO	DATE	DESCRIPTION	ECN NO	BY
------	-----	--------	-------------	--------	------	-------------	--------	----

1	2	500787	SHAFT-SIDE GUIDE ADJ.
2	4	500791	POST, SIDE GUIDE
3	2	500792	POST, SIDE GUIDE
4	1	508593	CLAMP
5	1	500722-24L	RAIL, GUIDE LH
6	1	500722-24R	RAIL, GUIDE RH
7	4	501629-A	ASSY, CLAMP WITH KNOB
8	1	508995-4	SHAFT-BEAMSWITCH MOUNT
9	1	508996-4	BRACKET, PHOTOCELL
10	1	538021-01	ASSY, SKID BAR
11	2	538990-01	STRAP, 315B WINKJET

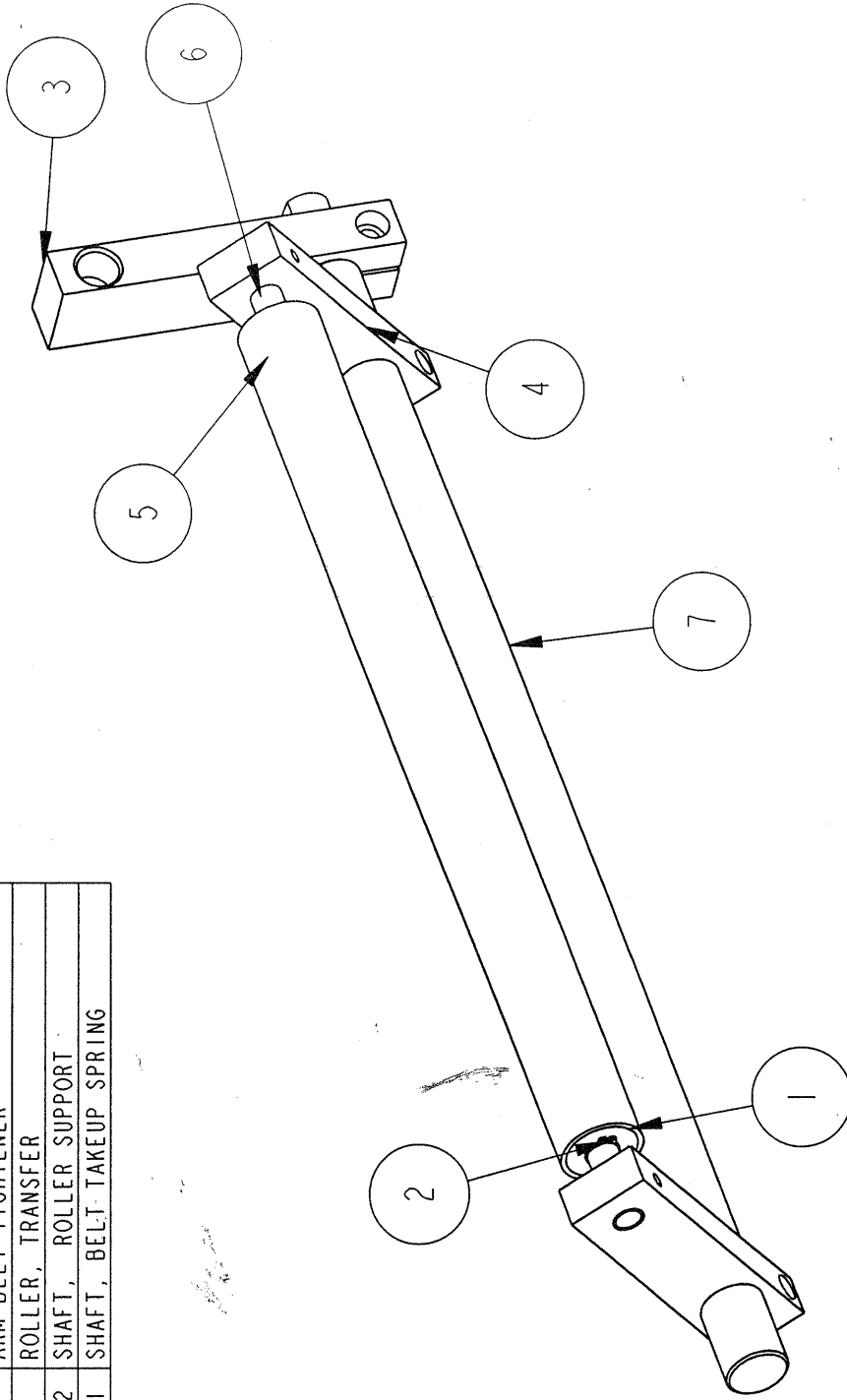


NOTE:
1. SPRING STEEL STRAPS 25.25" LONG

DRAWN BY: TJG	SCALE 0.218	DIMENSIONAL TOLERANCES, UNLESS OTHERWISE NOTED: XX .XX .005 .5 ANG.	MATERIAL: N/A	THIRD ANGLE PROJECTION 	PROPRIETARY AND CONFIDENTIAL NO PORTION OF THIS DRAWING MAY BE QUOTED OR REPRODUCED WITHOUT WRITTEN PERMISSION OF KIRK-RUDY, INC. KENNESAW, GA 30144 USA	 KIRK - RUDY, INC. KENNESAW, GEORGIA	I 538916-01 REQ'D WHERE USED
	CHECKED BY:						
TRACED BY:	MASTER 	FINISH: N/A		SHEET NO. 1 OF 1	DRAWING # 538989-01		

ITEM	QTY	PART #	DESCRIPTION
1	2	103106	BEARING, FLAT .375
2	2	104100	SNAPRING, .375
3	1	500786	LEVER, SPRING
4	2	504949	ARM BELT TIGHTENER
5	1	507262-2	ROLLER, TRANSFER
6	1	538890-02	SHAFT, ROLLER SUPPORT
7	1	539078-01	SHAFT, BELT-TAKEUP SPRING

REV NO	DATE	DESCRIPTION	ECN NO	BY
-----------	------	-------------	-----------	----



DRAWN BY: TJG		SCALE: 0.500	DIMENSIONAL TOLERANCES UNLESS OTHERWISE NOTED		MATERIAL: N/A		THIRD ANGLE PROJECTION		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 538916-01 REQ'D WHERE USED	
CHECKED BY:		DATE: 04-Sep-01	.XX .XX .XX .XX .XX .XX .01 .005 .5 REMOVE ALL BURRS AND SHARP EDGES UNLESS OTHERWISE NOTED		HEAT TREAT: N/A		MODEL: SP93900 SHEET NO: 10F1		TITLE: ASSY, SPRING BELT TAKEUP					
TRACED BY:		MASTER: M	ALL DIMENSIONS ARE FINISHED DIMENSIONS DO NOT SCALE - WORK TO DIMENSIONS ONLY		FINISH: N/A						538917-01			

[illegible]

5 WARRANTY AND SERVICE

WARRANTY

Warranty: Kirk-Rudy 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 normal wear, neglect, abuse or accident. THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESSED WARRANTIES OR 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 REPLACEMENT PARTS

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

Kirk-Rudy, Inc.
2700 Kennesaw Due West Road
Kennesaw, GA 30144