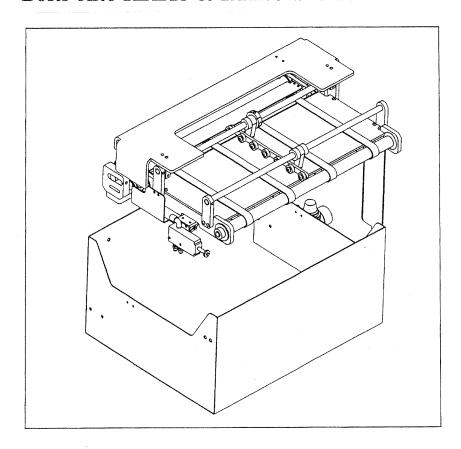
# Kirk-Rudy, Inc. Parts Manual KR837A Divert with Air Actuator

Bolts onto KR215 & KR219 bases



Manufactured by Kirk-Rudy, Inc.

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

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

#### 1 Important Safety Instructions

Intended Use Statement: The KR837A – Outfeed Reject/Divert System is designed to be bolted onto the outfeed of a KR215 or KR219 or similar machine having the same style outfeed belt take-up assembly. Product is diverted when a signal from an outside source is sent to the air valve solenoid. The valve actuates causing the product divert to flip up. Product hits the divert and is directed down. When product is not to be diverted the divert closes allowing the good product to be driven by the outfeed belts off the end of the machine. 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.
- $\ast$  IT IS NOT RECOMMENDED THAT LOOSE CLOTHING, JEWELRY AND LONG HAIR BE WORN WHILE OPERATING THIS MACHINERY.
- $^{\ast}$  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.

### **SPECIFICATIONS**

**ENGLISH METRIC** 

**ELECTRICAL REQUIREMENTS** 

Base Main Power Input:

24 VDC

PHYSICAL SIZE

Length:

Width: Height: 16.5"

22" 11" 41.91 cm 55.88 cm

27.94 cm

**PRODUCTS** 

Materials: Minimum:

Maximum:

3"wide x 3"long

89 mm x 89 mm 17"wide x 17"long 432 mm x 432 mm

Minimum Thickness:

.007"

.18 mm

Maximum Thickness:

3/8"

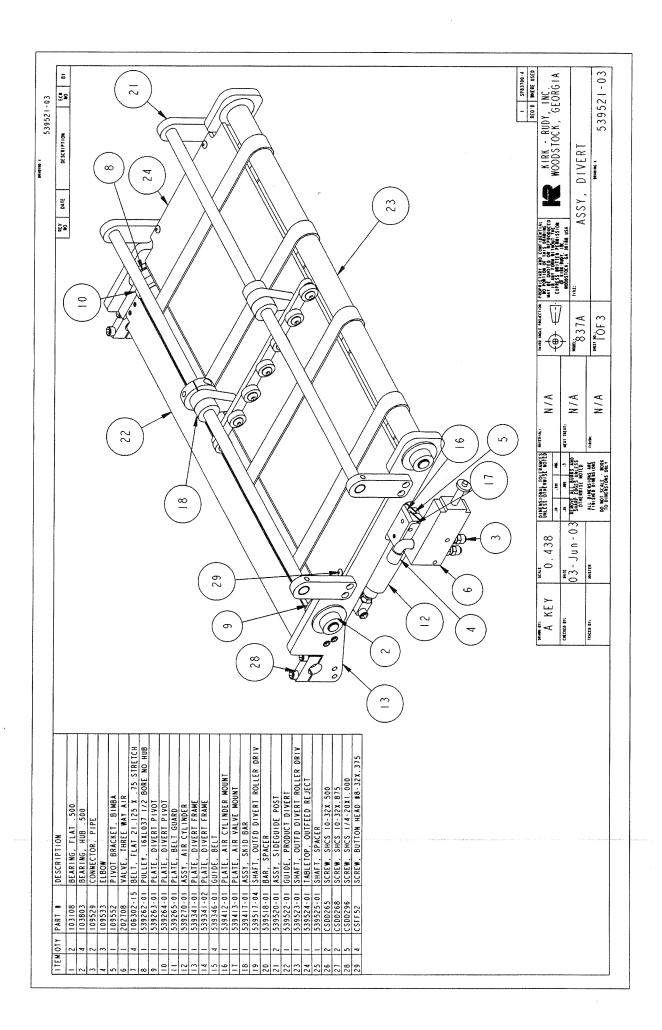
9.5 mm

## 3 PARTS LISTS AND DIAGRAMS

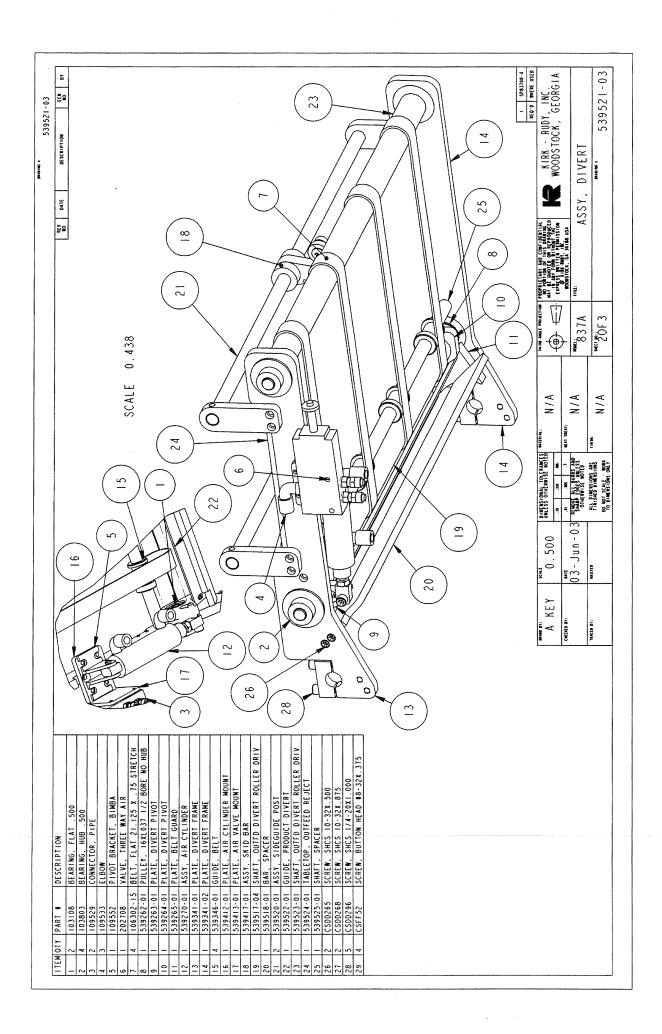
This section contains the entire mechanical bill of materials and assembly drawings.

NO.	DRAWING #	DESCRIPTION
1	.KR837A	ASSY, OUTFEED ROLLER DIVERT
2	. 539515-01	ASSY, IDLER ROLLER
3	. 539521-03	ASSY, DIVERT
4	. 539520-01	ASSY, SIDEGUIDE POST
5	. 539417-01	ASSY, SKID BAR
6	. 539270-01	ASSY, AIR CYLINDER
7	. 539620-02	ASSY, REJECT COVER
8	.539942-01	ASSY, AIR PRESSURE REGULATOR
9	.539943-02	ASSY, AIR QUICK DISCONNECT BLOCK

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ITEM OTY PART # DESCRIPTION	7 100603 WASHER, FLAT 1/41D 2 100619 WASHER, FLAT 1/41D 3 102205 COLLAR 2010 .750 0D 1 10233A CLAMP COLLAR ASY, 5 2 5008001-11A ASSY, LINK 2 500801-11A ASSY, LINK 2 500801-11A ASSY, LINK 2 500801-11A ASSY, LINK 339418-01 BAR, SKIL N 5 557 559 7 CSFF 55 SCREW, BUTTON HEAD 1/4X, 500 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	A KEY CHECKED BY:  CHECKED BY:  AND A FILE OF DIMENSIONAL TOLERANCES OF REPRINES OF REPRIN

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### 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 MERCHANTABLITIY 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. 125 Lorraine Parkway Woodstock, GA 30188