

# RKRG-3 ENTRY DOOR TILT UP STATION

## SPARE PARTS

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**Door Feeder**

**Jamb Routers**

**Exterior**

**Architectural**

**Patio Door Line**

**Automatic Saws**

**Entry Door Line**

**Pre-Fit Jamb**

**Bi-fold**





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## About KVAL Machinery

KVAL was started in the mid 1940's by AA Kvalheim. A Norwegian trained furniture maker, who turned to cabinetmaking and carpentry, and eventually machinery manufacturing after immigrating to the United States. One product produced in the mid 40's was a panel saw which helped expand the fledgling flush door industry that was developing around the Walled Lake, Michigan area. Early door sizing systems were supplied to companies like Young Door, Walled Lake, Arrow Door, and out on the west coast to Cal Wood Door.

In the mid 1950's, sons Andy and Irv Kvalheim joined in the business. As the company grew, so did the line of products. Door pre-hanging equipment was designed for distributors and high production equipment was designed for manufacturers producing pre-fit units. During the growth years of the 60's, the company continued as an innovator in the industry with automatic machines for jamb processing, casing trimmers and updated door sizers. As the 70's began, customers began demanding even more automation to cut labor costs and improve product quality. Kval responded with bi-fold door assembly and pre-hanging machines featuring fully automatic screw driving systems.

Today, Jerry, David, and Mark Kvalheim...the three grandsons of AA Kvalheim have joined the firm. The company family has also grown to include George Kameoka as head engineer, and Mark Smith as one of the managing partners.

KVAL products have continued to evolve and are now faster than ever, but are easier to set up, and produce higher quality doors than ever before. Recent technical innovations include CNC controls and the complete replacement of air logic control systems with solid state programmable controllers. Fully automatic positioning and sequencing for door and jamb equipment. Digital readouts with touchscreen controls to guarantee accurate setup and operation. When looking for quality door, jamb, casing, and related machines, look to the leader in the industry for over six decades!

Look to KVAL!!!

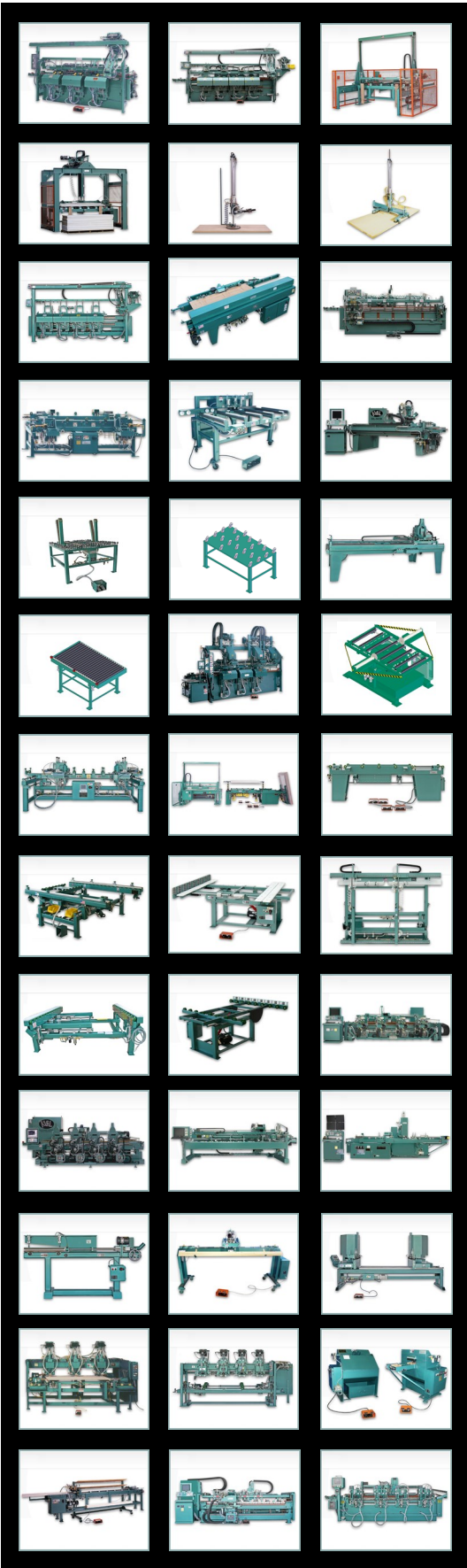


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To see our full line of products,

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RKG-3

Find

RKG-3

## RKG-3

The RKG-3 Entry Door Tilt Up Station is designed to raise assembled entry door units from a horizontal to a vertical position, for feeding into the RKG 4 Upright Clamp Conveyor.

This station is designed with non-marking polyurethane wheels to support the door on the top and bottom rails. The wheels are positioned so door light frames and raised moldings will not be damaged. There are also rolls on the sill support plate. These wheels enable one operator to safely and easily move the door unit to the next station. The tilt table utilizes a hydraulic tilt cylinder, electric pump, and foot switch for control.

A three-phase electric supply, in addition to the air supply, must be provided for the RKG-3.

The standard machine will accommodate doors that are 6'8" high only, and doors that vary in width from 2'6" to 3'0". With the optional 8'0" door capacity option, the machine can be set up to accommodate doors that vary in height from 6'8" to 8'0". The RKG3 will accommodate jamb widths up to 6-9/16".





## RKG-3



Flanged Wheel Bearing, Regular Duty, 1/2 ID - 1 3/8 OD, Flange Width 7/16, Flange OD 1 1/2.

**KVAL P/N: BAI150050**



Bearing, Pillow Block, PB 250 X 1, Setscrew Locking Relube.

**KVAL P/N: HUBPB2503**



Bearing, 1" Closed Super Linear Pillow Block

**KVAL P/N: INASPBC160**



Wheel, 3" Dia. X 1-1/4" Wide 3/8" ID Wheel With Simi Precision Roller Bearing

**KVAL P/N: INDXS0303106**



Pad, 60 Duro Green, 3-15/16 X 1-7/8 Molded with Steel Insert.

**KVAL P/N: P633006-N**



Split Collar, One Piece, 1" Dia., Steel

**KVAL P/N: SC116F**



Roller Green Polytube 4-3/8OD X 1-3/8ID X 1-7/8LG 60 Duro

**KVAL P/N: WESPT9241**

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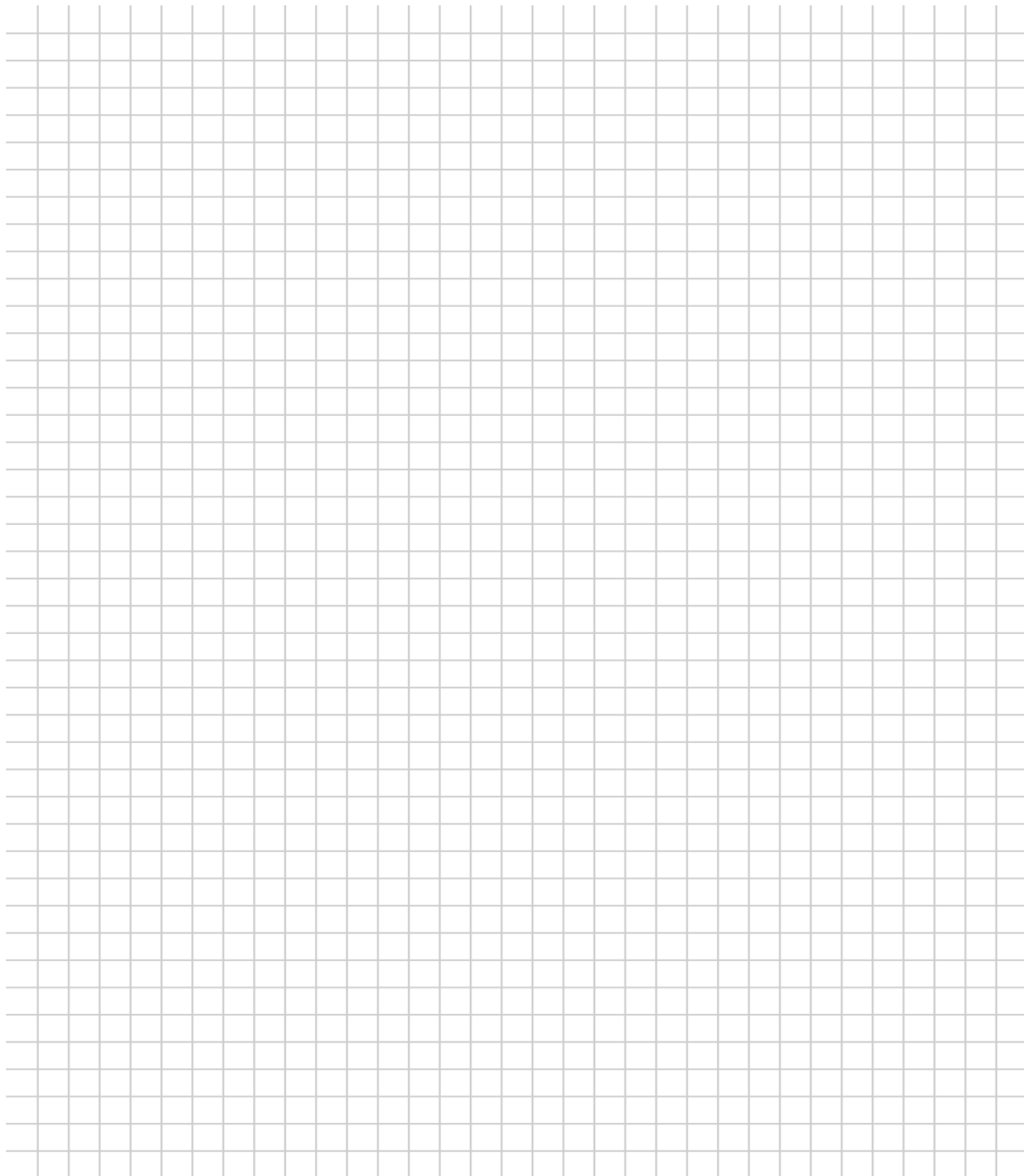
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Notes







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Quantity	Part Number	Item Description	Unit Cost	Total Cost

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Remember: UPS requires a street address

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