

RKG-5 TILT & PACKAGE STATION

SPARE PARTS

Interior

Door Feeder

Jamb Routers

Exterior

Architectural

Patio Door Line

Automatic Saws

Entry Door Line

Pre-Fit Jamb

Bi-fold





Making Quality Door and Jamb Machinery Since 1947

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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!!!

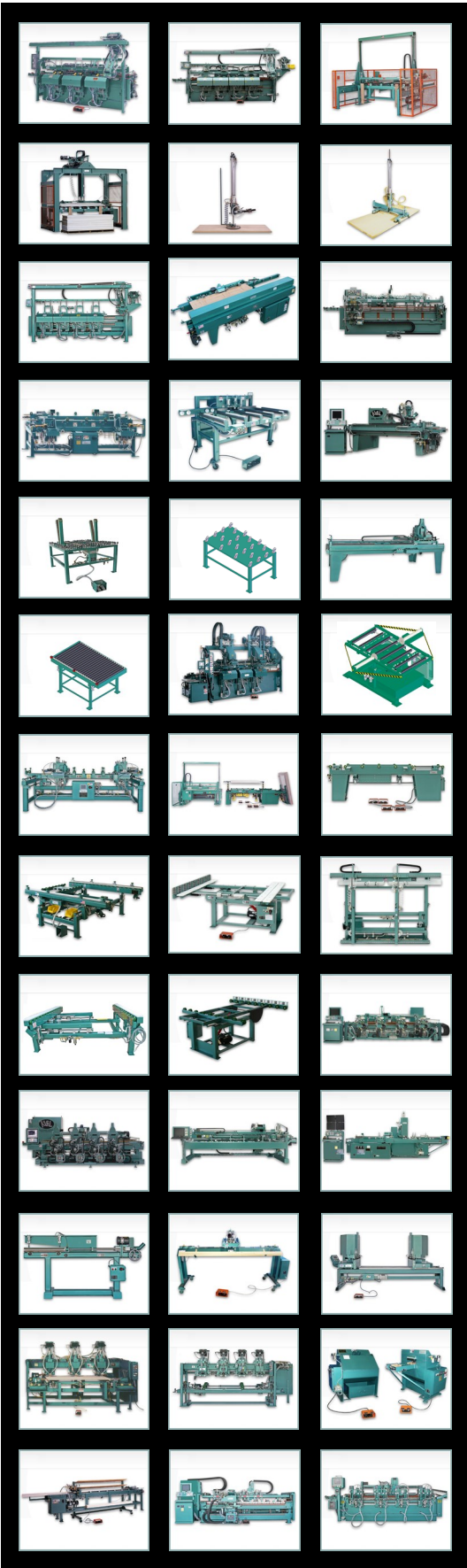


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RKG-5

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RKG-5

RKG-5

The RKG-5 Tilt & Package Station is designed to receive entry door units in a vertical orientation from the RKG-4, and gently lower them to a horizontal position.

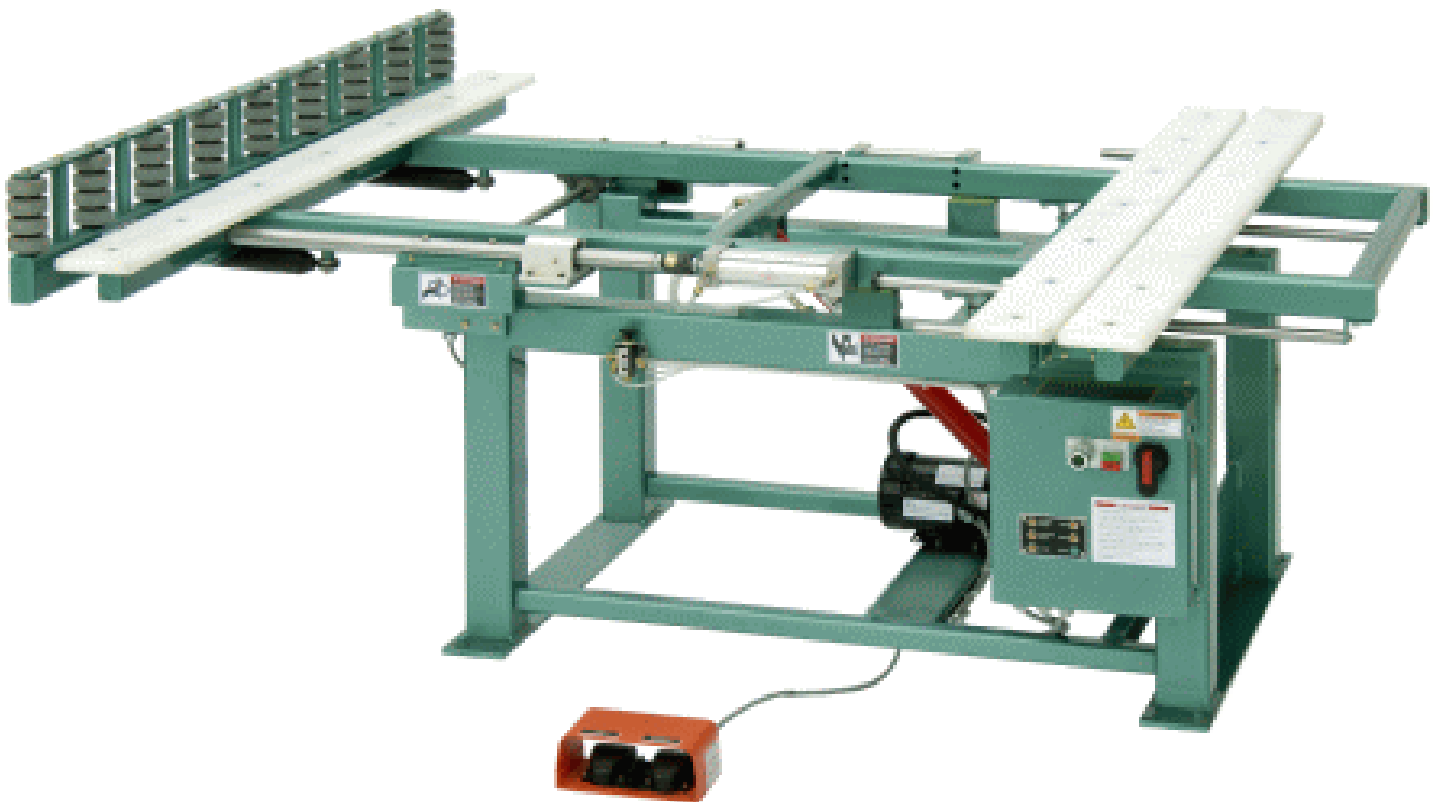
The RKG-5 is designed with non-marking slide plates on the top and bottom for the brick mold to slide on. The sill plate on the machine is equipped with ball bearing wheels. These wheels support the weight of the door unit so one operator can safely move the door unit onto this station. After the door unit is on the machine, the operator can easily tilt it to a horizontal position with the aid of a hydraulic cylinder.

In this position the operator can apply the inside stops to the sidelight panels and any necessary packaging to the inside of the door unit. The completed door unit can then be tilted back to vertical so it can be rolled off this station.

A three-phase electric supply, in addition to the air supply, must be provided for the RKG-5.

The standard RKG-5 will accommodate doors 6'8" high and doors that vary in width from 2'6" to 3'0".

With the 8'0" door capacity option, this station can be set up to accommodate doors that vary in height from 6'8" to 8'0". The RKG-5 will accommodate all jamb widths.



RKG-5



End Plate For Grounding Terminal Block, Entelec 01036221

KVAL P/N: 01036221



Terminal Block, 6mm, 30A, Grey, Screw 30A/600V Max., Accepts 24-10 AWG Wire M4/6, Screw Terminal

KVAL P/N: 011511607



Grounding Terminal Block Entelec, Green/Yellow, 24-10 AWG, 6mm Width Electrically Connected to Rail, 016580901

KVAL P/N: 016580901



Terminal End Section, Entelec 11836816

KVAL P/N: 11836816



T-Handle, for Lock Collar, 1/4-28, Thread.

KVAL P/N: 403A



Relay, Finder, General Purpose Realy, 55.34.8.120.0050, 4PDT, 120 V AC Coil (50/60Hz), 7A, 14 Pin

KVAL P/N: 55.34.8.1200050



Twin Foot Switch Linemaster 632-S

KVAL P/N: 632S-TWIN



Relay, Finder Relay Socket 94.04 For Relay Type 55.34...

KVAL P/N: 94.04



Cylinder, Advance, 490 X 7"

KVAL P/N: ADV490A1X



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

KVAL P/N: HUBPB2503



Chicago Miniature 120V Neon Amber Indicator, 6010QM3

KVAL P/N: IDI-6010QM3



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



Pushbutton Illuminated, Maintained (Push/Pull), 2 Position, Green Button, 2 N.C. Contact, Type: K, Size: 30mm, 10A Square D

KVAL P/N: KR9P1GH8



Dual Pushbutton Non-Illuminated, (2) Momentary, Start/Stop, 1 N.O. & 1 N.C. Contact, Type: KX, Size: 30mm, 10A

KVAL P/N: KXRC136



Limit Switch, Standard, Micro Switch 1LS312L

KVAL P/N: LIMITSWAA

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Limit Switch Arm Adjustable Radius Up to 3-1/2 Radius 1-1/2" Wheel 1/4 Wide

KVAL P/N: LSZ52K



Disconnect 6mm Shaft, 290mm long.

KVAL P/N: OXP6X290



Disconnect Shaft Stromburg 3/16" X 3/16" X 10-1/2" OAL

KVAL P/N: OETLZS49



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

KVAL P/N: P633006-N



Pistol Handle, Red/ Black, Nema 1, 3R, 12 Accepts 6mm SQ Shaft, 65mm Handle Pad-lockable.

KVAL P/N: OHB65J6



Limit Switch Arm, Wide Wheel, 2" Radius with 11/16 DIA X 11/16 Wheel

KVAL P/N: WL1A200



Disconnect Switch, 80 Amp, 3 Poles, ABB, OT80F3, 1SCA105798R1001

KVAL P/N: OT80F3



Parts Department

**Monday thru Thursday
6:00 a.m. to 4:00 p.m. Pacific Time**

**Friday
6:00 a.m. to 1:00 p.m.**

Email: orders@kvalinc.com

WWW.KVALINC.COM



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