

ACRO METAL DOOR MACHINE

SPARE PARTS

Interior

Door Feeder

Jamb Routers

Exterior

Architectural

Patio Door Line

Entry Door Line

Automatic Saws

Pre-Fit Jamb

Bi-fold





Making Quality Door and Jamb Machinery Since 1947

INNOVATION | QUALITY | HONESTY

Order Today!
Call 1.800.553.5825

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!!!

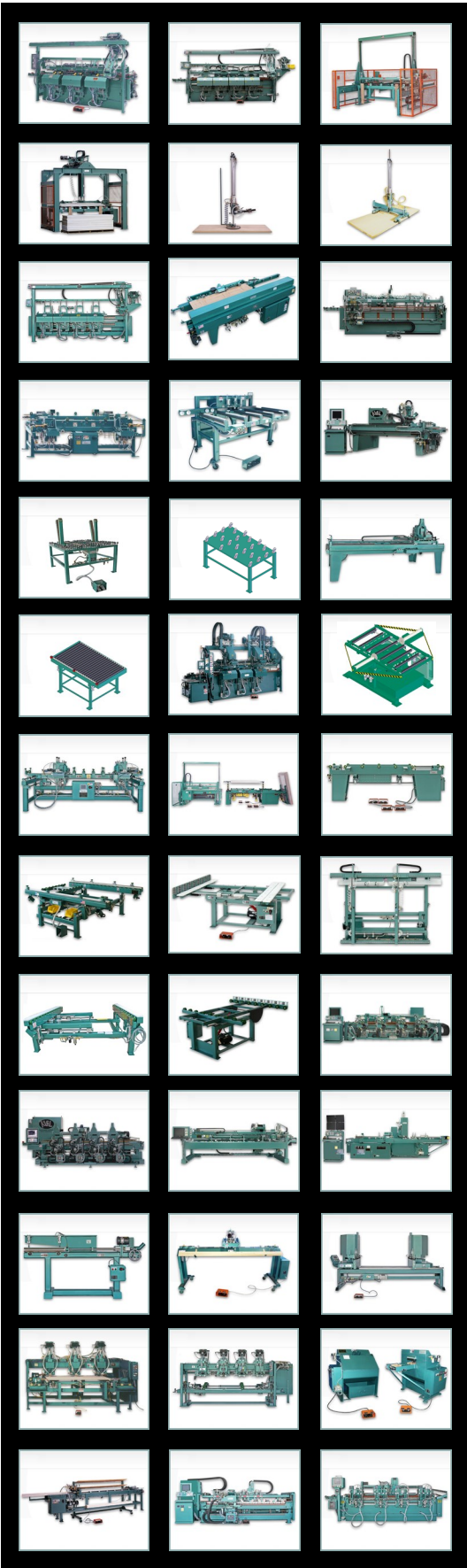


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Acro

KVAL's Acro Metal Door Light Insert Machine is similar to the standard KVAL Acrobat, but without jamb supports or the tilt-down feature. A light rests on a pop-up table and the door rolls into position above the table. Simply pressing a foot pedal inserts the light for fastening with a hand-held screw gun or a highly-recommended self-feeding screw gun.

To orient the in-swings exterior face up for assembly and brick mold, the door is then gripped by the ends, elevated, rotated 180 degrees and then lowered back to the wheels. The Acro will accommodate doors from 6'8" to 8' in height and doors up to 3' wide.

DOOR SIZE SPECIFICATIONS

Door height: 6'-8" to 8'-0"

Door width: 2'-6" to 3'-0"

Door thickness: 1-3/4"

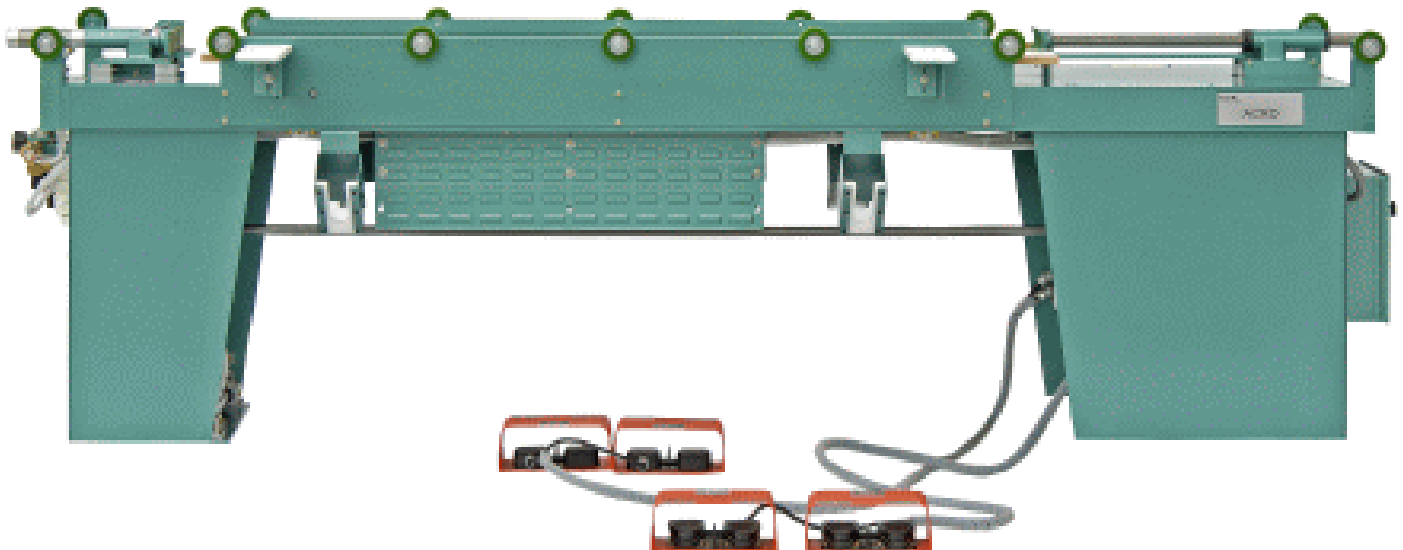
Maximum door weight 100 lbs.

SPECIFICATIONS

Footprint Size: 10'7" x 2'8"

Crated Dimensions: 10'7"L x 2'8"W x 3'2"H

Shipping Weight: 2,000 lbs.



Standard

Mechanical



Spring 1-3/16-OD X 7/8-ID X 12 Long, .162 Wire Hooked Ends

KVAL P/N: 381200H



Screw Gun Holder Mount Assembly, Includes spiral wrap encasement & (2) 1/4-20 X 5/8LG FH

KVAL P/N: 536A



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



Chain, Connecting Link, 50 Chain

KVAL P/N: LIN500001



Fastener, Washer, 1-3/8" I.D. 1-7/8" O.D., .025, Steel

KVAL P/N: MC3088A419



Chrome Steel Ball, 1/2" Dia.

KVAL P/N: MC9528K24



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

KVAL P/N: P633006-N



Split Collar, One Piece, 1-1/4" Dia., Steel

KVAL P/N: SC120F



Bearing 5203ZZ, 17mm Bore, 40mm OD X 17.5 Width

KVAL P/N: SNR5203ZZ



Cam Follower, 7/8 Dia, With Stud

KVAL P/N: TORCRS14



Roller Green Polytube 3 Dia X 3/4 Wide 1-3/8-ID 60 Duro

KVAL P/N: WESPT7612

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Electrical

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Acro

Standard

Electrical



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



Twin Foot Switch Linemaster 632-S

KVAL P/N: 632S-TWIN



Sensor, Fixed Range, 2" Fixed Field, 24 Volts DC, 18mm Dia, Banner S18SN6FF50Q

KVAL P/N: DIFUSEFF2-M12



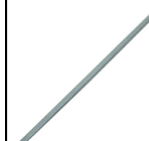
PLC, IDEC MicroSmart, 24 I/O PLC

KVAL P/N: FC4A-C24R2



Cord M12 Conn 4 Wire DC 5 Meters

KVAL P/N: M12-4PIN-DC-5M



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

KVAL P/N: OETLZS49



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

KVAL P/N: OHB65J6



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

KVAL P/N: OT80F3



Disconnect, Neutral For OT63E3

KVAL P/N: OTPN63EP



Disconnect 6mm Shaft, 290mm long.

KVAL P/N: OXP6X290



Standard

Pneumatic



Cylinder, Advance, 300 X 9"

KVAL P/N: ADV300A22



Cylinder, Bimba 243DP 3" Double Acting Rear Pivot Double End Mount 1-3/4 Bore.

KVAL P/N: BARGAIN-BIM243DP



Safety Exhaust Ball Valves, 1/4" NPT

KVAL P/N: BBVALVE04



Safety Exhaust Ball Valves, 1/2" NPT

KVAL P/N: BBVALVE08



Cylinder, Bimba 242DP 2" Double Acting Rear Pivot Mount 1-3/4 Bore.

KVAL P/N: BIM242DP



Cylinder, Bimba 242DXDE 2" Double Acting Double End Rod Mount 1-3/4 Bore.

KVAL P/N: BIM242DXD



Cylinder, Bimba 243DP 3" Double Acting Rear Pivot Double End Mount 1-3/4 Bore.

KVAL P/N: BIM243DP



Cylinder Hardware, Bimba 240 Foot Mount Bracket 1.037 Bore, 3" Long Slotted Base

KVAL P/N: BIMC1337



Cylinder, Bimba, Hardware, 2" & 2-1/2" Bore Cylinder, 2-Piece Pivot Bracket .375 Pin 3.00 Long Slotted Base

KVAL P/N: BIMD620



Air Hose, 2 Bonded Coiled Hose, 6 FT, Tube .375 OD X .245 ID, With 8" Tails

KVAL P/N: BUCM13508



Pneumatic Quick Coupling, 1/4", Female Pipe Thread

KVAL P/N: DYNADW340A



Filter, 1/2" With Auto Drain, SMC, AF40-N04D-Z

KVAL P/N: SMC40004F



Speed Controller, Standard, 1/4" Right Angle, 1/4 NPT, Metal Body Elbow Style

KVAL P/N: SMCAS2102



Speed Controller, One-touch Fitting, 1/4 NPT - 1/4" OD, Elbow & Universal Types, NAS2201F-N02-07S

KVAL P/N: SMCAS2201F2



Valve, VQC4100-5 or VQC4101-5 SMC Valve Without Base, Single Acting 24VDC.

KVAL P/N: SMCVQC4100-5



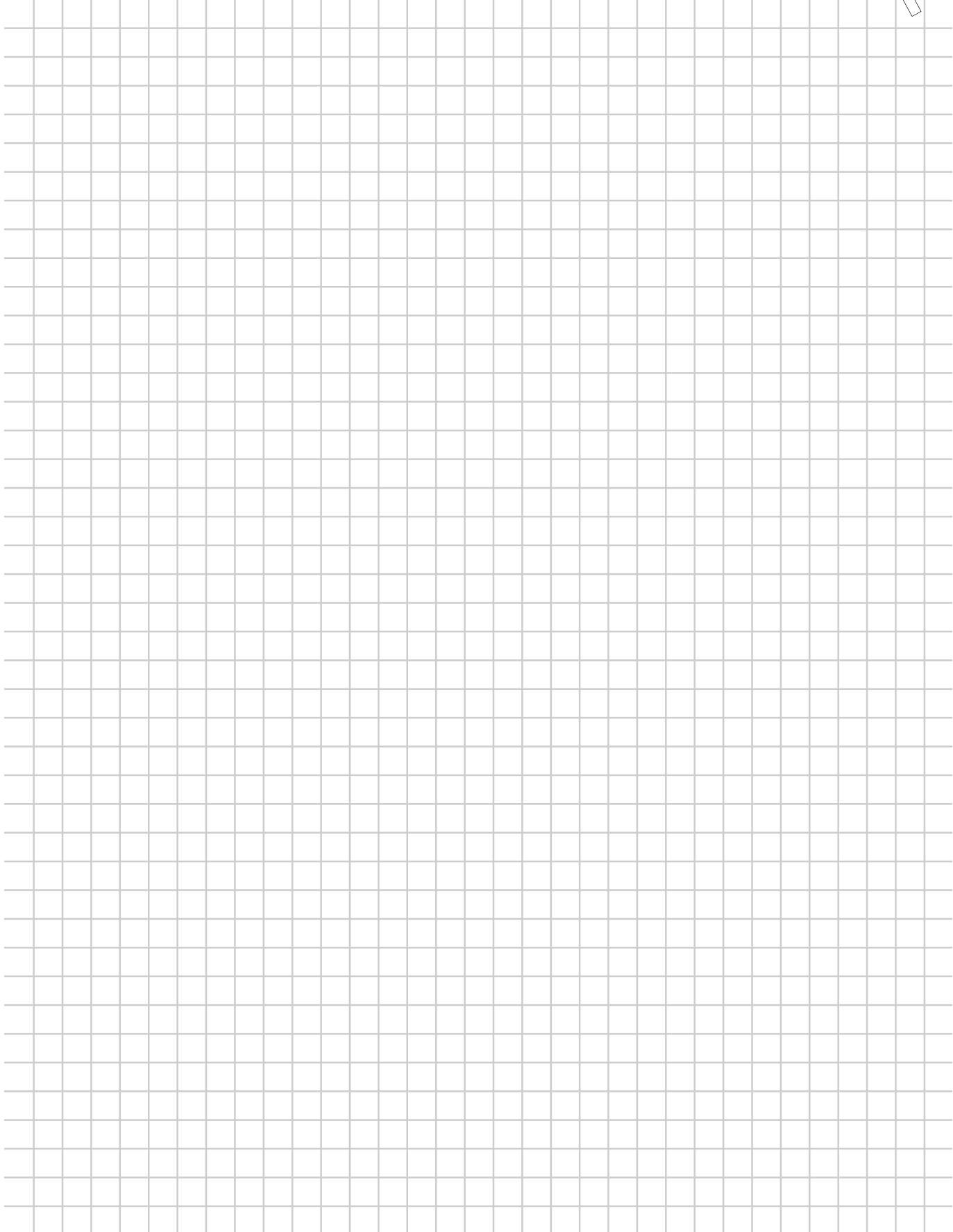
Valve, VQC4200-5 SMC Valve Without Base, Double Acting, 24VDC

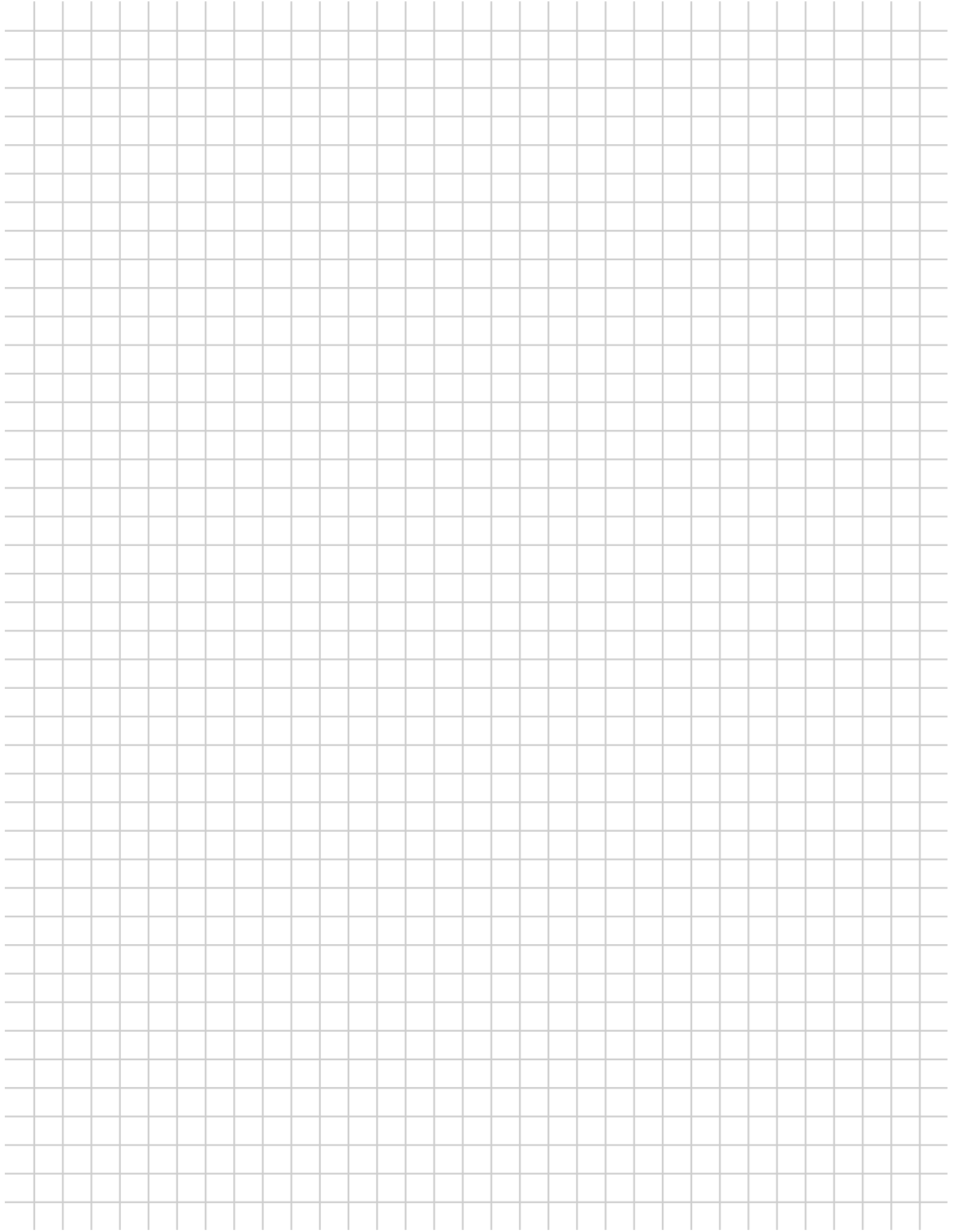
KVAL P/N: SMCVQC4200-5

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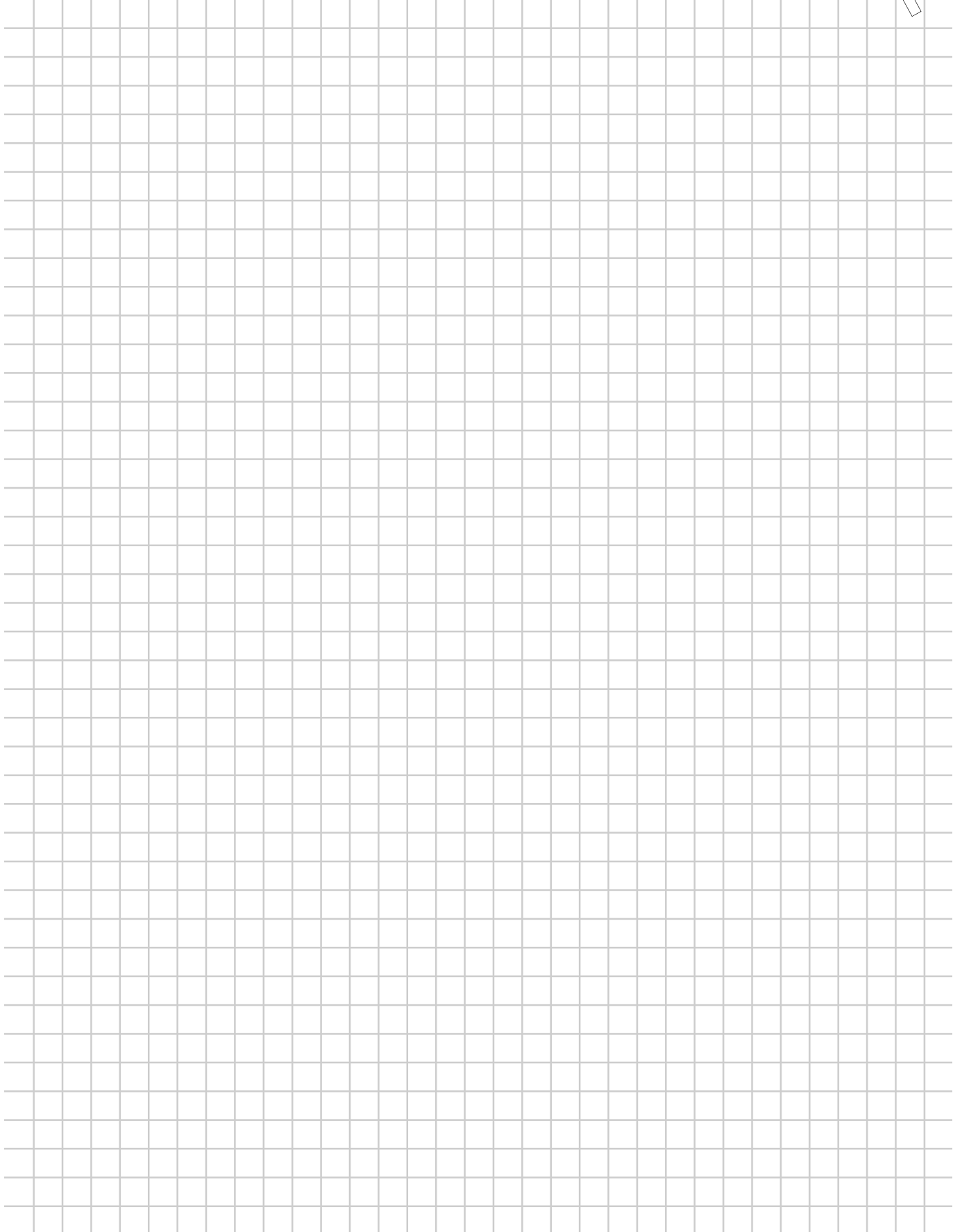


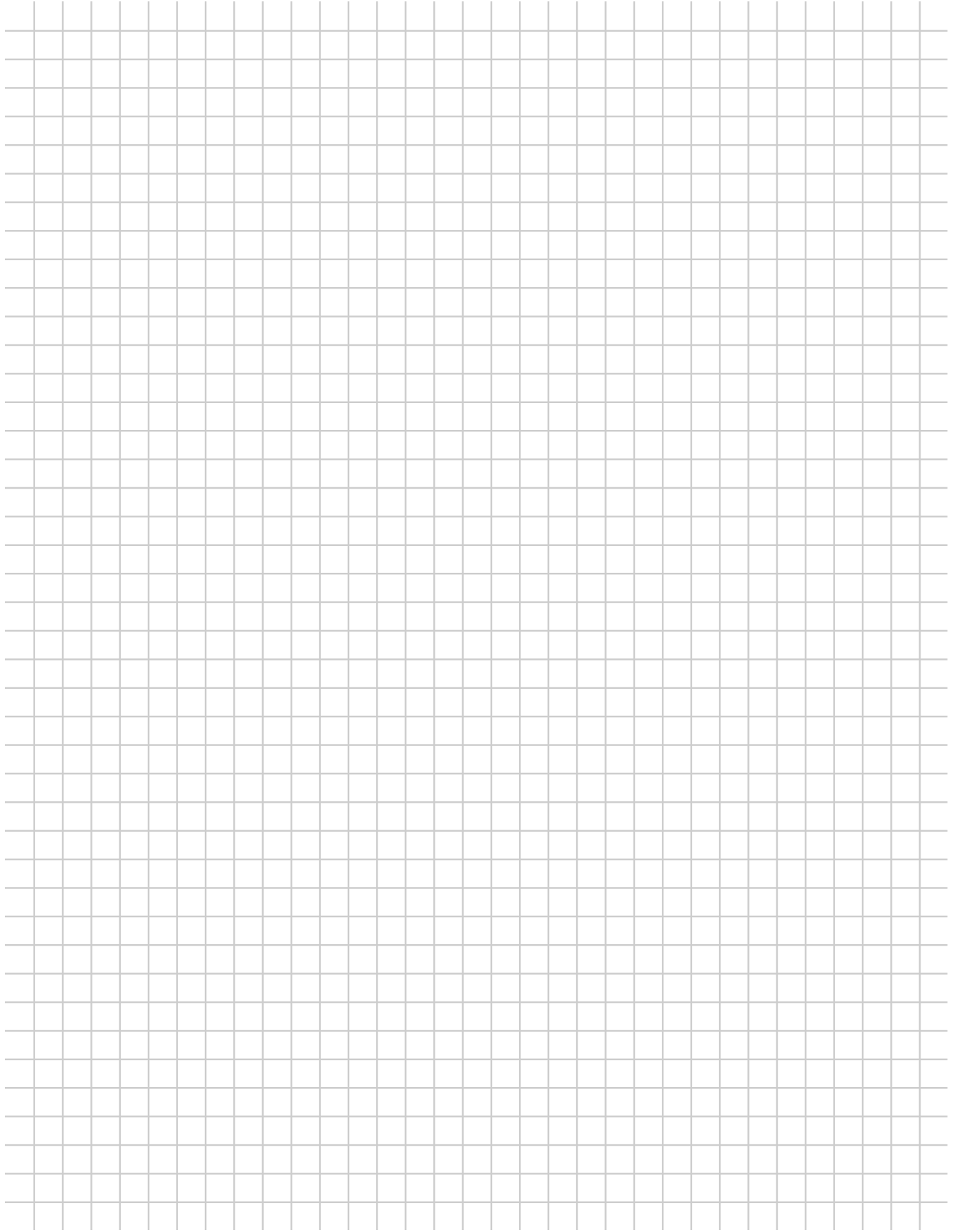


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Parts Order Form

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Billing Address

Company: _____
 Your name: _____
 Address: _____
 City/State/Zip: _____
 Phone: _____

Shipping Address

Company: _____
 Your name: _____
 Address: _____
 City/State/Zip: _____
 Phone: _____

Quantity	Part Number	Item Description	Unit Cost	Total Cost

Shipping Preference

UPS Next Day Early AM FedEx Priority Overnight
 UPS Next Day FedEx Standard Overnight
 UPS 2nd Day FedEx 2nd Day
 UPS 3 Day Select FedEx Express Saver
 UPS Ground FedEx International Priority
 Common Carrier FedEx International Standard

Remember: UPS requires a street address

Total

\$ _____

Sales Tax and Shipping Charges
to be determined

Thanks for your order!
We appreciate your business!

Payment Method

C.O.D (Collect on Delivery) Established Account (PO# _____) Credit Card*

**If Credit Card is chosen, please complete the information below.*

VISA MasterCard American Express
 Card Number: _____
 Cardholder's Name: _____
 Expiration Date: _____
 Card Validation Value (CVV): _____ (VISA/MasterCard - 3 digit/American Express - 4 digit)
 Signature _____ Date _____



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