

KERIAN ~~SPEED~~ SIZER



**FOR SPEED, ACCURACY,
AND GENTLE HANDLING**

SIMPLE DESIGN—Easy to maintain, easy to adjust, with a unique patented method of roller expansion.

COMPACT AND EFFICIENT—A large capacity in a small floor space, yet rugged enough for field use.

UNEQUALLED ACCURACY—No other diameter grader comes close, because of continuous product rotation and individually-driven heavy-duty rollers which maintain precise separation.

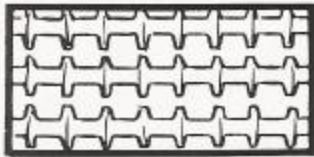
PROVEN ABILITY—Customized features and gentle handling are part of the package in hundreds of applications for apples, beets, carrots, citrus, cucumbers, fish, garlic, melons, nuts, olives, onions, peppers, potatoes, radishes, stone fruit, squash, sweet potatoes, tomatoes, and others.



KERIAN MACHINES, INC.

STANDARD FEATURES

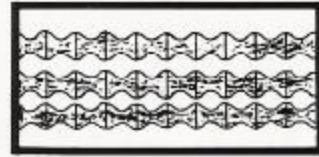
Rollers designed for your product—The expanding rollers ride on V-pulleys, rotating and orienting the produce. Overroller turning flaps furnished for long produce also align the product. Roller types include spaced rubber spools, three diameters of PVC-covered steel, and urethane rounded spools. Stainless steel rollers are also available.



Rubber spools for: round potatoes, onions, oranges, etc.



Plastic-covered rollers for most products: long potatoes, cucumbers, bell peppers, etc.



Urethane rounded spools for: easily bruised apples, tomatoes, etc.

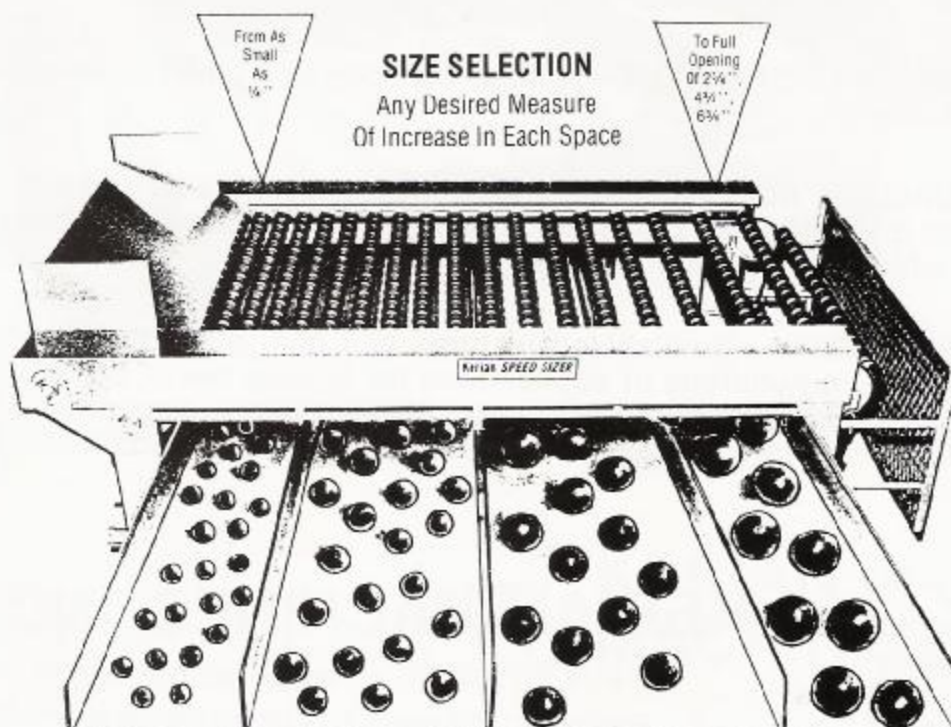
Accuracy in sizing — The Kerian Sizer is equipped with an exclusive patented roller drive that is selected for your particular sizing needs. Whether a standard or special application, the choice is from over 300 drive patterns presently in use. A custom design is also available for a small additional charge.

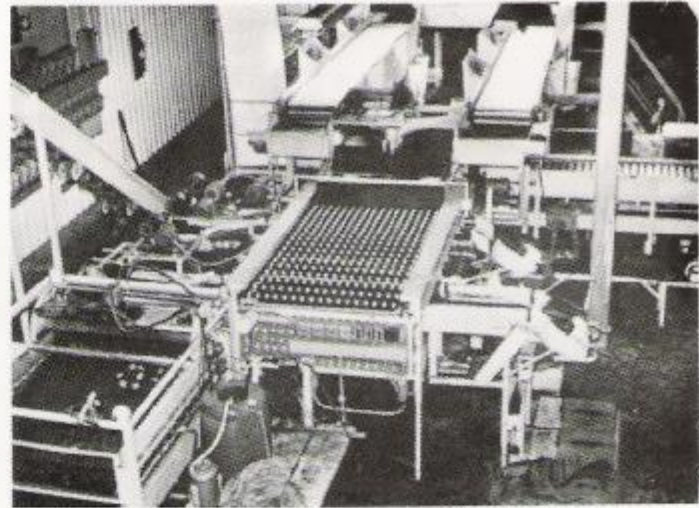
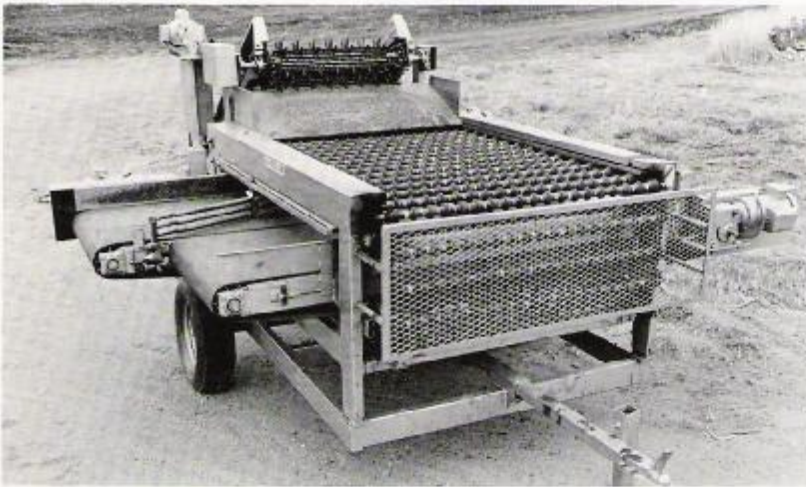
No bruising or skinning — Your product is gently rotated on moving rollers with direct separation onto a conveyor or delivery pan.

Easy adjustment features — Easily-movable dividers for precise size selection and full adjustment. Dividers can be easily added or subtracted to change the number of sizes. The legs are adjustable over one foot of height. The foot pads accept standard 6-inch casters.

Low power consumption — Standard single or 3-phase TEFC motors range from 1 to 2 HP.

Built in durability — The frame is rigid 2x5 steel tubing and all parts are made with precision to last for many years. We pre-test every machine before it is shipped.





The versatile **KERIAN SIZER** adapts to almost any packing system. At the left is the **KERIAN SIZER** Model M-50 complete with cart, elevator, and reversible takeaway belts. At the right, the Model L-60 is installed after the grading tables and in front of a conveyor system which consists of six independently reversible belts.

OPTIONS

Custom Separation—If none of the standard patterns fit your unique application, we can design a separation to your exact specifications. Accurate within 1/64 inch.

Corrosion Protection—Imron Polyurethane paint provides extra protection for high acid or salt conditions. Recommended for some food processing applications are stainless steel rollers, stainless contact points, or an all stainless Sizer.

Portability—Heavy-duty casters with a swivel-locking feature bolt onto the legs for easy movability. Also available is a cart and hitch to take the KERIAN SIZER right into the field.

Takeaway Tables—Single, double, or triple belt tables carry your product to either side of the Sizer. Included are channeling for separate lanes and side delivery as needed. Side conveyors are also available.

Elevators—Peg apron or finger flighted belt elevators, either stand-alone or Sizer-mounted, are designed to "fit" with the Sizer.

Lubrication Systems—Centralized lubrication panels and automatic roller lubrication simplify maintenance procedures.

Other Options—An over-end roller assembly allows delivery of large product off the end of the Sizer. The vertical takeaway clearance can be increased as needed for chutes or flumes with the assistance of an over-end damping assembly. The Sizer can also be provided with triple-seal ball bearings throughout to provide long-life service in harsh environments. Rigid platforms raise the Sizer to any desired height. Variable-speed operation can be achieved either by mechanical or electrical adjustment.

KERIAN *SPEED SIZER*

THREE LENGTHS AND FIVE WIDTHS

		M SERIES	L SERIES	X SERIES
Sizing Width	Capacity* Lb./Hr.	60" Sizing Length 2 To 4 Sizes	80" Sizing Length 3 To 6 Sizes	120" Sizing Length 5 To 9 Sizes
30 In.	25,000	M-30	L-30	
40 In.	32,000	M-40	L-40	X-40
50 In.	40,000	M-50	L-50	X-50
60 In.	50,000	M-60	L-60	X-60
72 In.	60,000		L-72	X-72

*Approximate capacity of combined sizes per hour depends on the size, shape and weight density of the product, as well as product flow and product distribution on the sizing rollers. Listed capacities are those normally experienced for a product such as round potatoes, onions, or oranges, at a roller speed of 100 rollers per minute.

CALL US TODAY FOR A QUOTE TO FIT YOUR REQUIREMENTS



AVAILABLE FROM:



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