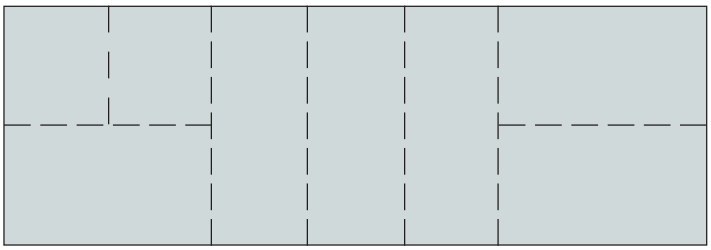
SQUAREGAGE PLUS

FEATURES

- All three drives can be programmed independently for angle cutting.
- Slope angle can be programmed in degrees and the software will calculate the position of each drive unit.
- Dimensions can be programmed in Absolute or Incremental for repeating dimensions or patterns.
- All electronics housed in the compact display unit.
- RS 232 interface with software included
- In/mm conversion.
- Parts counter
- 300 job memory.
- Job storage with up to 11-digit job number.
- 10 cuts per job.
- Jobs can be linked together for larger programs.

MATERIAL SAVINGS



The sequential movement of SQUAREGAGE means different size blanks can be effectively sheared from a large blank to maximize material utilization.

SPECIFICATIONS

Speed	600IPM
Repeatability	±.002˝
Accuracy	±.005˝
Sheet Capacity	4´ x 10´ x 3/8˝ CRS
Holding Force	200 lbs. per drive
Input Power	115VAC ±10%
Operating Temperature	32°F-120°F
Resolution	.001˝
Gauge Delay	Up to 9 Seconds
Inch/mm Conversion	Yes
Gauge Range	72˝, 120˝ or 144˝

I/O RS232 INTERFACE INCLUDED

A bi-directional 2-way communication system for uploading and downloading Automec gauging systems.

- Offers large storage capacity for cut sequences.
- Reduces operator programming time.
- Reduces errors caused by manual data input.
- Provides output of job sequence to aid the operator.
- Provides listing of all jobs in computer memory.

AUTOMEC

82 CALVARY STREET
WALTHAM, MA 02453-5918

Telephone: 781-893-3403 • Fax: 781-899-5708
E-mail: sales@automec.com

WEBSITE: WWW.AUTOMEC.COM

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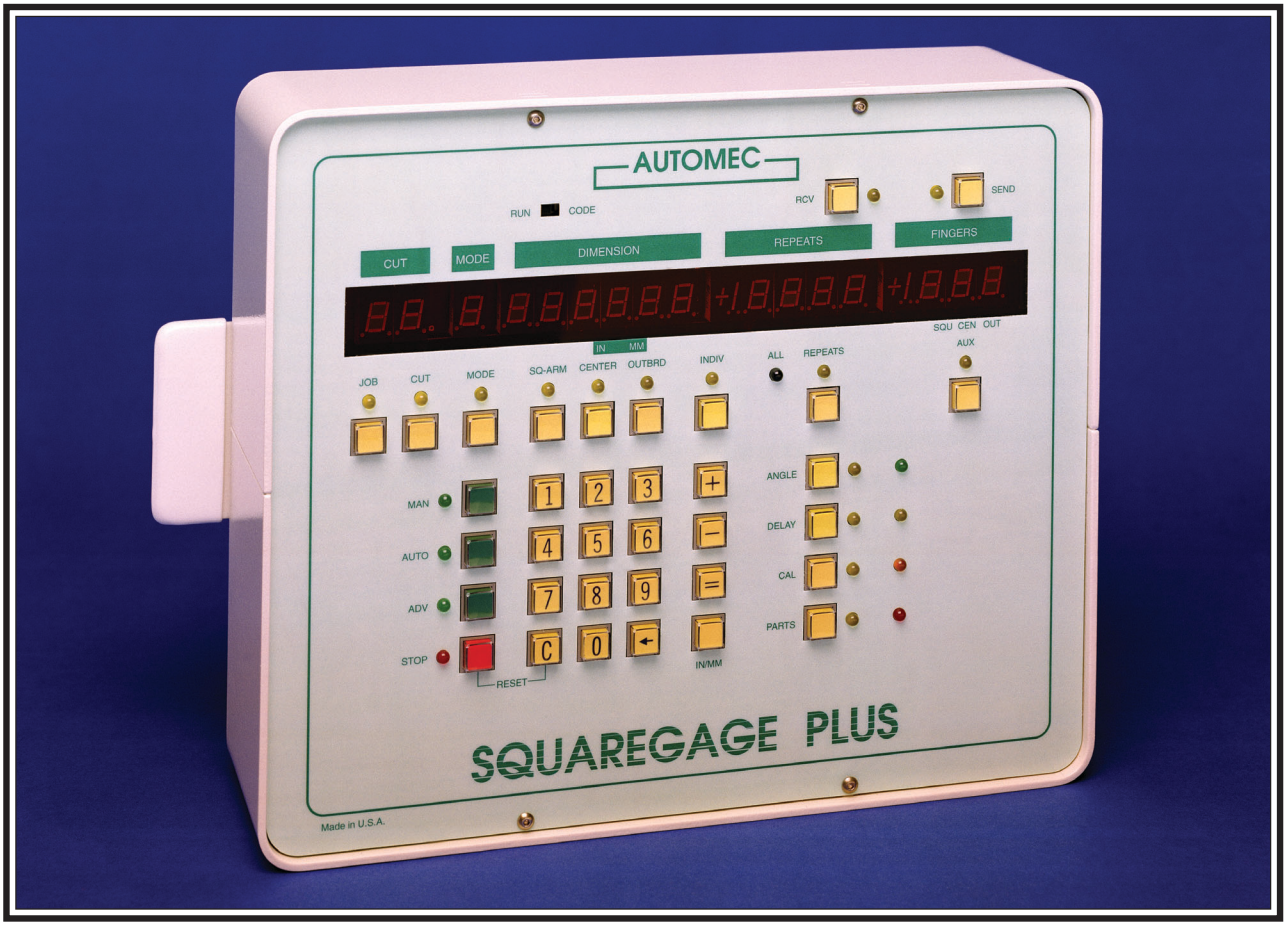
SQUAREGAGE PLUS

PROGRAMMABLE FRONTGAUGING FOR SHEARS



THE CONCEPT

CNC SQUAREGAGE is a precision front gauging system for power shears consisting of a digital control and 1, 2 or 3 mechanical drive units depending on the application. Each drive unit has a DC motor, amplifier, and encoder which permits independent movement.

The drives are spaced so that the operator can stand between them and manually reposition the workpiece. A removable squaring arm is located atop one of the drives. The most popular and efficient system consists of a 10´ or 12´ squaring arm and two auxiliary 6´ drives.

FLEXIBILITY

The key design element of SQUAREGAGE is flexibility. In reviewing market applications we found narrow strips are probably best done on a backgauge but when parts are 20˝ by 20˝ and larger, the backgauge is often ineffective due to sheet sag and squaring requirements.

SQUAREGAGE complements the existing backgauge by adding a new dimension to your shear. Once installed you will find the bulk of your shearing requirements will be shifted over to the SQUAREGAGE as it reduces handling and increases productivity.

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AUTOMEC, INC. 82 Calvary Street, Waltham, MA 02453-5918

Telephone: 781-893-3403 • Fax: 781-899-5708 • E-mail: sales@automec.com • Website: www.automec.com