Broomfield Laboratories, was started in 1948 by John Broomfield who as a young man, worked for Thomas Edison in New Jersey after working in the Edison Laboratories and having a patent in his own name, John started his own company as a design and manufacturing laboratory in a small town in central Massachusetts (USA).

During the initial 30+ years of existence, the company worked on various design and manufacturing projects for customers in differing industries. Several coil winding machine manufacturers sent their machinery to Broomfield Laboratories to have special modifications and tooling made.

Thomas, one of John’s sons, felt that establishing a standard product line would provide greater longevity and a more stable income for their employees. Due to Thomas’ personal faith in Jesus Christ, he gathered a small group of employees together to ask God for wisdom and direction in how they should proceed. Sensing a need for improvement in the winding equipment industry, Broomfield embarked on a design and marketing program for medium to heavy duty winding machines. In 1980, Broomfield Labs. brought their first coil winding machine, a Model 400 winder, to an exhibition in Chicago. Attendees showed great interest and soon after, their first winding machines were sold.

With constant growth and a major expansion of their facilities and equipment since its inception, Broomfield has continued to expand its product line and extend its services in a global market.

Broomfield products range from simple hand winding machines to large heavy duty automatic winding machines capable of handling very large coils.

Broomfield also offers a range of trickle impregnation machines for the motor armature industry.

For a detailed product line, please visit us on-line at www.broomfieldusa.com.

Applications for these winders include:
- Transformers (both wire and foil type)
- Generators
- UPS inverters
- Switchgear
- Choppers
- Clamps or similar wound products

Broomfield products are found in companies of all sizes throughout the world and are known for their high quality and dependability.
The document is too large to be transcribed fully here, but it appears to be a catalogue of machine options for wire winding, flattening, and handling. The text includes specifications for various machine models, with details on wire size ranges, speed capabilities, and other features. It also mentions options for programming, precision winding, and handling of coils and wire in various shapes and sizes. The document is likely intended for use in industries where precision wire winding is required, such as in electronics, automotive, or electrical engineering. Additional sections of the document include information on wire flattening, winding, and handling, with options for customization and integration into production lines.