English Electric Leo Marconi

Computerguard, computercontrol

EELM automation equipment monitors and controls industrial processes all over Britain

With her limited labour force and an urgent need to increase productivity, Britain must automate now. English Electric Leo Marconi is helping to do just that.

Computers and steel analysis

Modernisation of Steel, Peech and Tozer's Templeborough melting shop involved the replacement of existing open hearth plant by six electric arc furnaces. A new spectrographic analysis laboratory was built nearby as part of the project.
To provide the high speed sample analysis service required by an increased production rate, an English Electric Leo Marconi computer was installed in the laboratory. Detailed investigation showed that a saving of one minute per sample would pay for the system in 12 months of full production.

Computers in power generation

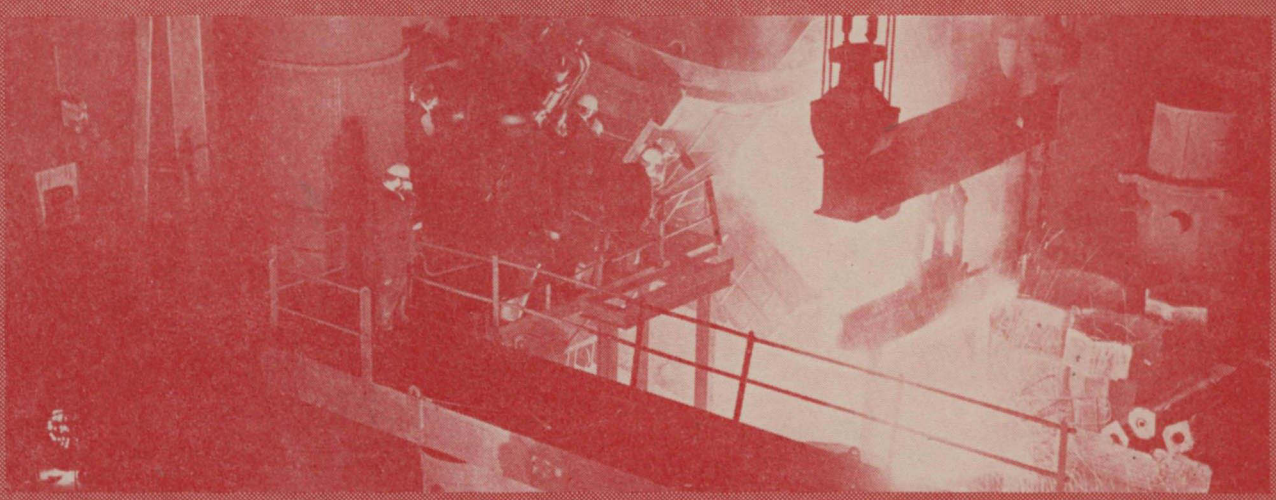
When the Central Electricity Generating Board's new oil fired power station at Fawley, Hants, goes into production in 1968, four EELM computers will be in complete control. Every function of the 2,000 MW giant will be under surveillance at 11,800 vital points. Supervision, information monitoring, fault discovery and correction, data analysis—all will be automatically controlled twenty-four hours a day.

Automation at sea

On board ship, English Electric Leo Marconi monitoring and watch keeping equipment is in service all over the world. EELM data loggers keep constant watch on engine temperatures, pressures and levels for example.

Experience at your side

Whether you are new to computers and automatic control systems or are thinking about improving on your present installation, come to English Electric Leo Marconi. Throughout the country, the company's equipment is taking over routine and repetitive tasks, making more efficient use of plant and machinery and providing greater control of processes in a wide variety of industries.



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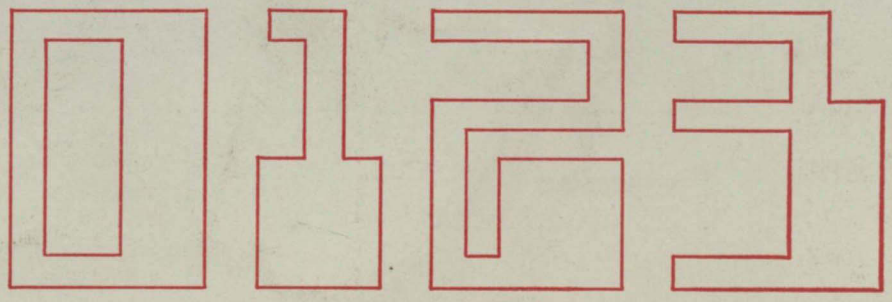
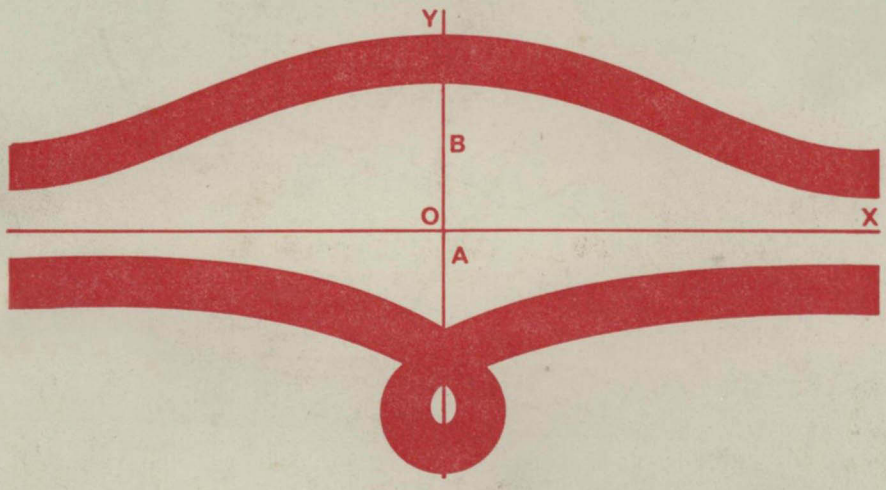
EELM
AN 'ENGLISH ELECTRIC' COMPANY

A BENSON-LEHNER Incremental Plotter

Turns digits

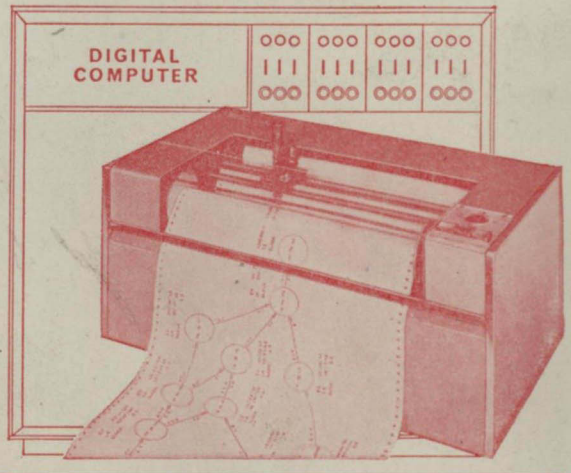


into graphs



or charts and drawings of scientific, engineering, business and industrial process data.

The Benson-Lehner Incremental Plotter is capable of producing fully annotated plots under computer on-line control, or off-line from punched paper tape or magnetic tape. It operates from direct digital commands at a speed of 18,000 steps per min. with the high resolution of 0.1 mm. or .005 ins. Typical applications include automatic drafting, plotting of weather charts and critical path scheduling. Low cost makes the incremental plotter available for a much wider variety of uses, translating digital information of all types into clear, intelligible and easy to assimilate graphic form. You almost certainly need one now.



DEMONSTRATIONS:

Demonstrations of Benson-Lehner incremental plotting equipment will be arranged at your installation on request.

For full details of how BENSON-LEHNER *can assist you in the data systems field, telephone* SOUTHAMPTON 27831, *or write to:—*

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