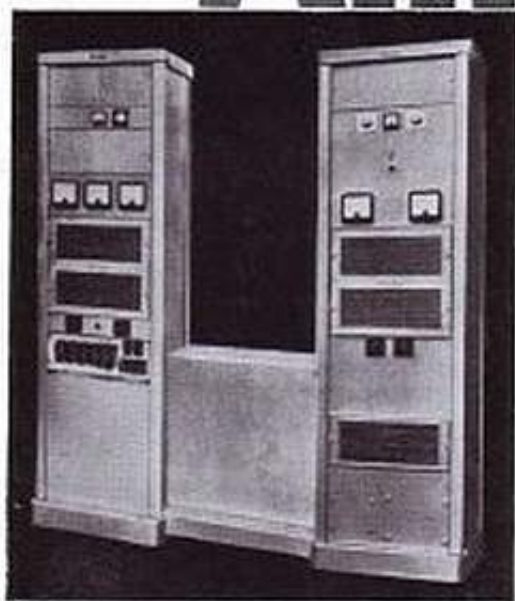


variable high power Amplifiers



V L F • A U D I O • L R F

For the past 20 years, W. Bryan Savage Ltd. has specialised in a wide range of high power amplifiers for use in various branches of industry. This experience has been more recently successful in the wide and varied field of fatigue testing.

TYPE 10 10 KILOWATT AMPLIFIER

This is the latest addition to the Savage range of amplifiers—it is suitable for driving the Goodman Vibrator VG108 or VG109 and the American MB C25H.

OUTPUT: 10 kVA when Power Factor of load exceeds 0.8.

OUTPUT VOLTAGES: From 411 V to 339 V.

FREQUENCY RANGE: 40 c/s to 10,000 c/s at 10 kW. 20 c/s to 6.5 kW.
20 c/s to 2.5 kW.

HARMONIC DISTORTION: Less than 3% at 10 kW at 3 kc/s.

SENSITIVITY: 160 mV at 600 ohms for 10 kW output.

OUTPUT VOLTAGE REGULATION: 3%.

NOISE: 70 dB below 10 kW.

MAINS SUPPLY: 350-450 volts 50 c/s, 3 phase.

Range of Amplifiers	Power	Type	Freq. Range
	300 Watts	"VLF"	3 c/s to 6 c/s
	1 kW	"VLF"	6 c/s to 2,000 c/s
	1 kW	Mark II Star	50 c/s to 10 kc/s
	1 kW	"LRP"	5 kc/s to 100 kc/s
	10 kW	Type 10	40 c/s to 10 kc/s



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FOR FATIGUE TESTING
for Guided Missiles, aircraft and all forms
of Industrial components

Vibrators



TYPE V 1000 — This vibrator is designed to produce a peak alternating thrust of ± 500 lbs. (unblown) at 1 kW. A forced draught into the vents provided in the base will allow increased input current for a correspondingly increased thrust. Unit construction has been adopted and careful attention to detail has produced a vibrator that can quickly and easily be stripped and reassembled should repairs become necessary—the design is such that no routine maintenance is required.