news and reports

93rd SMPTE Convention and Equipment Exhibit
April 21-26, 1963, Traymore Hotel, Atlantic City, N.J.

PLANS for the 93d Convention have been underway for many months to make the technical papers program for the Spring Convention in Atlantic City.

Program Chairman is Henry N. Kozanowski of RCA.

Author Forms are available and can be filed at any time now for the presenting of technical papers with the Topic Chairmen, listed below. Deadline for submitting abstracts of papers is February 4, 1963. Abstracts should be submitted to the appropriate Topic Chairman, or, if the author is in doubt as to where his paper should go, he may send the Program Chairman the abstract. Advice on submitting papers is also available from Papers Committee Regional Chairman listed in the April, 1962, Membership Directory. The Program Committee is:

Henry N. Kozanowski, 93d SMPTE Convention Program Chairman, Radio Corp. of America, Bldg. 10-3, Camden 2, N.J.

Associate Chairman for Papers From Abroad: **Rodger J. Ross,** Canadian Broadcasting Corp., 354 Jarvis St., Toronto, Ont., Can.

Topic Chairmen

Application of Motion Pictures and Television to Education: **O. S. Knudsen,** Alice Norton House, Iowa State University, Ames, Iowa

Current Trends in Laboratory Practices: **H. Edward White,** Eastman Kodak Co., 342 Madison Ave., New York 17,

Instrumentation and High-Speed Photography: **Morton Sultanoff,** 626 Roberts Ct., Aberdeen, Md.

New Instrumentation in Television: **R. L. Pointer,** American Broadcasting Co., 7 W. 66 St., New York 23.

New Technology of 8mm Commercial Motion Pictures: **C. Loren Graham,** Color Technology Dept., Eastman Kodak Co., Kodak Park, Rochester 12, N.Y.

Recent Motion-Picture and Television Developments in Outer Space Technology: **H. M. Gurin,** RCA – Astro-Electronic Division, Radio Corp. of America, Princeton, N.J.

Short Film Subjects: **Tom Hope,** Eastman Kodak Co., 343 State St., Rochester 4, N.Y.

Education, Industry News

Television as a Means of Instructional Communication, a symposium considering educational television systems, programming, facilities and equipment in the classroom, community, military and industry, was presented by the Hollywood Section in association with Los Angeles State College before an audience of 195 ETV people assembled at the college on September 22.

The symposium was conceived by Ralph E. Lovell, Chairman of the Hollywood Section, in response to a question by Howard Stucker, Chief Engineer of the Los Angeles State College ETV facility, concerning how ETV people might better take advantage of the information available through the SMPTE.

Upon approval by the Section Board of Managers, the symposium was effected through the efforts of Mr. Lovell, coordinator; John C. Mahon, Atlas International Film Co., Papers; Mr. Stucker, Arrangements; Fred Godfrey, W. J. German, Inc., Registration; and Thornton Sargent, Publicity, whose effort to inform the widest number of ETV people possible was directly responsible for the large attendance.

The success of the symposium was evidenced in expressions of appreciation for the efforts of the committee and in indications that the symposium should become an annual event. As a direct result, Al Isberg and Ken Winslow of the San Francisco Section have announced that they will hold a similar TV symposium on January 26, 1963, at the University of California Berkeley campus. Hart Sweeney, Membership Chairman, signed up three new members and handed out about 24 membership application blanks.

Contributions to the symposium were:

Utilization of CCTV as a Means of Conducting Technical Training in the Air Force, Lt. Col. Frederik G. Anderson, Lowry AFB, Denver;

Community Television of Southern California—ETV for Los Angeles, Rose Blyth, CTSC;

Overhead TV and Central Projection—Classroom of the Future, Rudy Bretz, UCLA;

A University Operated Mobile Video Tape Unit, Ken Winslow, U of C, Berkeley;

Instructor Controlled Versus Director Controlled TV Production Techniques: A Panel Discussion, Rudy Bretz, UCLA and James L. Loper, LASC;

A Demonstration of Television Special Effects, tape furnished through courtesy of KTTV;

Use of CCTV as a Management Communication System, Lt. Col. Thomas E. Farmer, Space Systems Div., AF Service Command, USAF;

Technical Considerations in the Design of a Management CCTV System, Kenneth Whitman, SSD, AFSC, USAF;

Upgrading Instructional Communication by Equipment Selection, Al Isberg, U of C, Berkeley;

Video-Film, Key to Defense Business, Robert B. Steel, Remington Rand Univac;

A Comparative Evaluation of Television Camera Tubes, J. W. Wentworth and W. K. Charles, RCA;

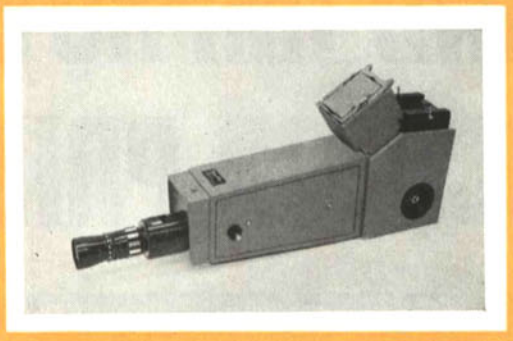
Optimum Characteristics of a Television Film, Edward P. Ancona, NBC;

Video Tape or Kinescope Recording?, Bill Edwards, ABC;

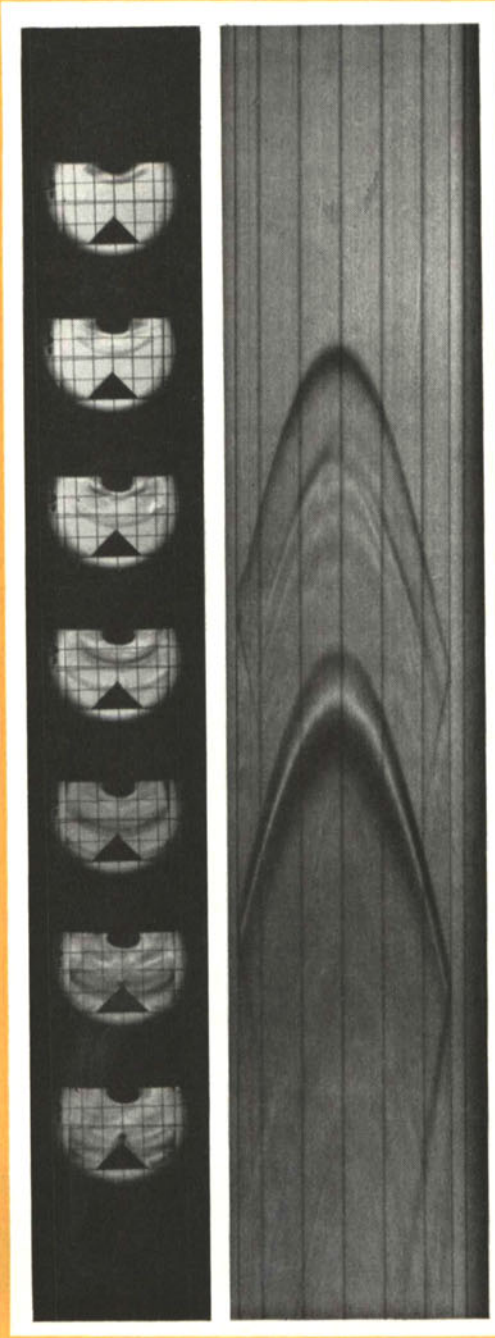
Mach-Tronics MVR-10 Portable Video Recorder, Kurt Machein, Mach-Tronics.

In opening the symposium, Mr. Lovell predicted a mushrooming expansion in educational TV and a widening market for teaching, scientific and creative skills. He urged Society members to aid in establishing high quality production and presentation standards.

Beckman & Whitley introduces
a remarkable new photoinstrument...



MODEL 200 SIMULTANEOUS STREAK & FRAMING CAMERA



Model 200 is the *only* high speed photoinstrument that will simultaneously record streak and framing records of the same event. Both records are taken from the same optical axis, on the same time base.

Result: activity between the two records can be correlated precisely in space and time for positive interpretation of minute variations throughout the recorded period.

One simultaneous record of one experiment may provide more measurable information than could be derived from any number of streak or framing records taken separately of repeated experiments. The analyst is provided with a streak record written at up to 6.9mm per microsecond and a framing record of the same event recorded at rates up to 550,000 frames per second.

Model 200 is designed so that it can be used as a streak camera only, as a framing camera only or as a simultaneous streak and framing camera.

Typical applications for the Model 200 Camera are in the study of lasers, plasmas, exploding wires, shocks and dynamic stress patterns. The simultaneous streak and framing records shown here are of shock waves explosively induced in a lucite block. Recording rates: 440,000 f.p.s. and 6.2mm/μsec. With precisely correlated records such as this, the experimentalist can clearly interpret phenomena which might be obscure in either record analysed by itself.

For complete information write or phone Jack Patterson, Photoinstrument Product Sales Manager.

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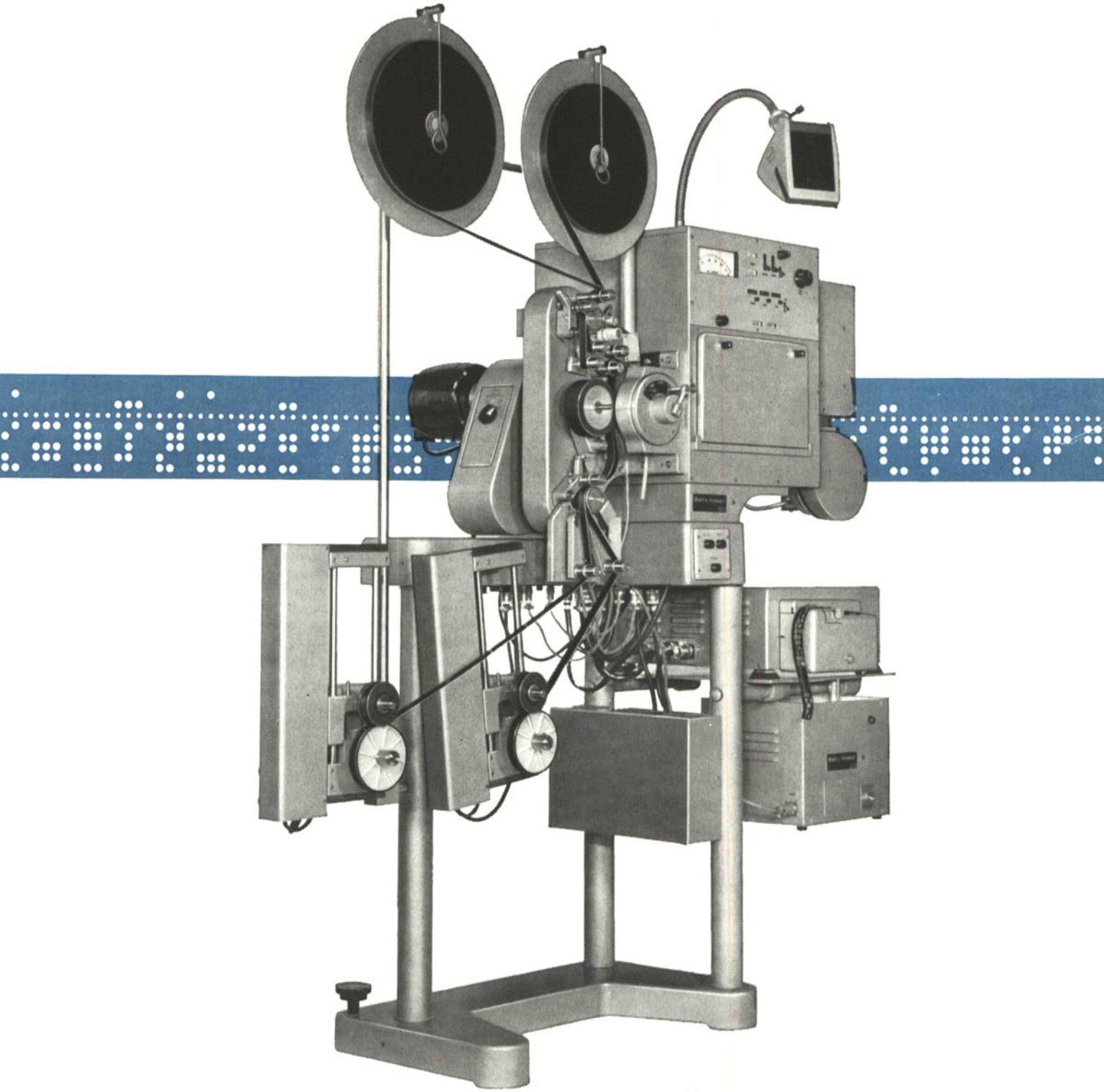

HERE ARE SOME OF THE MODEL "C" FEATURES

■ Ability to make scene-to-scene color corrections ■ Six fade lengths (16-24-32-48-64-96) separately controllable by pre-punched program tape ■ Zero cut to allow extended scene printing ■ Over 2000-foot capacity ■ Single 1000-watt lamp proximity reflector type ■ Edge light printing separately controlled at aperture ■ Instruments internally illuminated ■ RF cue system available as accessory to supplement standard notch cue ■ Slow-start circuit to prevent film damage ■ Internal air pressure ■ Pre-wired for sound head installation ■ Automatic stop in case of negative break ■ Available accessories include: a tape checker-tape duplicator unit (6173C), 1000-watt rectifier (6160), 16mm, 35mm, 35/32mm soundheads, and RF cue kits (6395).

Other printers available:

Model "MB", Automatic Black & White Printer. This model does not include fader, which is available as an accessory.

Model "MA", Manual Black & White Printer. This model can be updated to model "MB" through addition of an accessory reader.

These models can be converted to the Model "C" at any time.

The Progress Medal, highest award of the Photographic Society of America, was bestowed in August upon Herman H. Duerr, Technical Director of Ansco. Cited were Dr. Duerr's "unique accomplishments in the field of sensitizing dyes and his pioneering research in the development of high-speed monochrome and color films; dynamic leadership in many areas of photochemical research and especially in emulsion chemistry; important contributions to the development of equipment and materials for photocopying; and long and beneficial support of and productive activity in photographic technical organizations . . ."

Former recipients of the PSA Progress Medal include Lloyd Varden, Dr. E. H. Land, Walt Disney, Henry Luce, Edward Weston and Roy Stryker.

An Audio-Visual Workshop will be held in conjunction with the U.S. Department of Agriculture's Annual Audio-Visual and Pictorial Equipment Show to be held November 6–8 in the Sheraton-Park Hotel, Washington, D.C. Another concurrent event will be the Department's Centennial Film Festival which will include about 100 films. The USDA Workshop which, this year, will emphasize television, will be held November 7–9 in the Department's offices in Washington with about 400 audio-visual specialists expected to attend. It is planned to hold at least one Workshop session in the theater section of the Exhibit Hall in conjunction with the Equipment Show.

The Annual Army Pictorial Conference, scheduled for the week of November 5, will coincide with the Annual Audio-Visual and Pictorial Equipment Show sponsored by Trade Associates, Inc., and in cooperation with the Society's Washington, D.C., Section.

A Symposium on Cleaning and Materials Processing for Electronics and Space Apparatus was sponsored by the American Society for Testing and Materials at its 4th Pacific Area National Meeting held September 30–October 5 in Los Angeles. Facilities at Bell Telephone Laboratories for achieveing the degree of cleanliness required to prevent any contamination of quartz crystal oscillators, and types of "clean room" techniques were among subjects discussed in papers presented at the Symposium.

The British Institution of Radio Engineers will hold its next Convention April 16–20, 1963, at the University of Southampton. The theme will be "Electronics and Industrial Productivity." Session topics have been announced tentatively as: Measurement and Sensing Devices; Information Transmission and Communication; Control and Information Processing; Output Devices and Final Control Elements; and Industrial Applications of Electronic Systems. Additional information is available from the Secretary of the Convention Committee, 9 Bedford Sq., London, W.C.1.

A charter meeting of the newly formed Society of Information Display Engineers and Scientists was held September 29 at the University of California Los Angeles. The announcement was made by Harold R. Luxenberg, Director of Engineering, Westwood Div., Houston-Fearless Corp., 11801 W. Olympic Blvd., Los Angeles 64. Dr. Luxenberg is also instructor of a display system course given yearly at UCLA. Purpose of the new society is the improvement of display technologies. According to Dr. Luxenberg, the new organization "will provide a central source for the collection and dissemination of information both through society seminars and archives."

The Encyclopaedia Britannica Films Fund for Studies of Teaching and Learning has been created at the University of Chicago with a gift of $62,500 from William Benton, Chairman of the Board of Encyclopaedia Britannica and a Trustee of the University. The Fund was announced in a joint statement by Warren Everote, President of Encyclopaedia Britannica Films Inc., and George Wells Beadle, President of the University of Chicago. Awards from the Funds will be made by a committee appointed by Francis S. Chase, Dean of the Graduate School of Education and Chairman of the Department of Education. In administering the Fund, "consideration will be given to providing support for the training of, as well as research by, young persons of exceptional ability who show promise of making important contributions to the advancement of learning. Special

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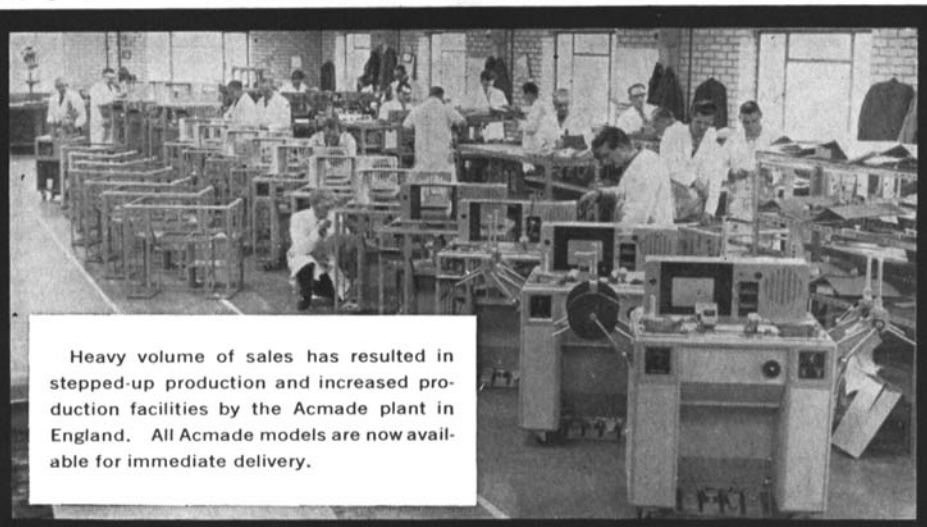

Heavy volume of sales has resulted in stepped-up production and increased production facilities by the Acmade plant in England. All Acmade models are now available for immediate delivery.

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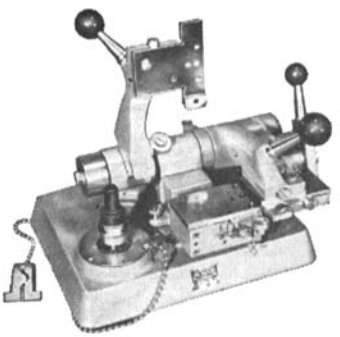
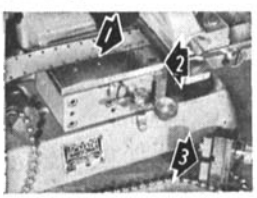
These outstanding dealers will carry the complete Acmade line for demonstration and are fully equipped to supply complete maintenance and service.

NEW FROM ACMADE

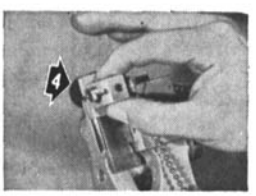
ACMADE TUNGSTEN PRECISION SPLICER

This moderately priced splicer incorporates new precision features which insure absolute accuracy and safety in splicing. Three models are available: Model 16-16mm., Model 35-35mm., Model 35-16 combination 35mm. and 16mm.

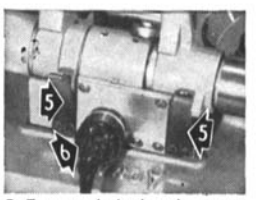




1. The combination 35mm.-16mm. Model features retractable 35mm. and 16mm. pins. This permits center placement of the 16mm. pins for A and B roll splicing.



4. Specially designed right-hand pressure block permits easy and accurate back-scraping on all models.



5. Tempered steel springs provide perfect pressure, positioning film firmly during scraping and splicing processes.

6. Thermostatically controlled heater maintains constant 100° temperature.

2. Stainless steel blocks are precision fitted with Tungsten-Carbide inserts for cutting. Cutting edges will remain sharp and last forever.

3. Attached scraper adjustable for depth — fitting jig incorporated on splicer base.

Model 16 — $299

Model 35 — $299

Model 35-16 — $399

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Makes Editing Easy!

$2975

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Operation of this simple, efficient editing machine can be mastered in minutes. Continuous (non-intermittent) movement provides absolute protection for your film. Instant controls and declutching allows up to 50% greater speed for pic & sound editing. All combinations of 16mm and/or 35mm channels, plus magnetic and optical sound available.

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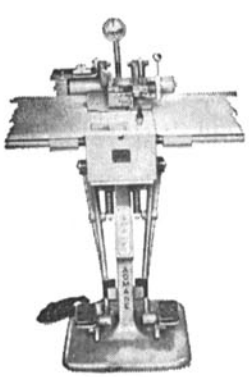
Acmade Foot-Operated Splicer with Tungsten Tipped Blades



Combination 16 mm–35 mm Model . . .

$1495

This splicer is constructed, as is usual with ACMADE products, of the finest materials and workmanship. All castings are of the best quality and the top body and cutter arms are seasoned to prevent distortion after machining. The machining is carried out to limits of ± .0005" in order that the cutter blades shall close in a dead parallel manner. The cutter blades are made from stainless steel with Tungsten Carbide inserts, and afterwards ground lapped and polished to a limit of ± .0002" thickness and the cutting edges relieved by 1°. The Tungsten Carbide inserts will have indefinite life and will not require sharpening as with other types. A heater unit is installed in the top body of the machine. The top light in a well glass fitting is attached to the body of the machine and also an inspection light in the waste bin together with cement bottle and brush. A scraper block is supplied and also a scraper block setting jib and support shelf rubber-covered. The whole machine is finished in first quality grey hammer and all metal parts other than cutter blades are hard flash chromed.

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attention will be given to research on learning involving the use of modern technological resources," the announcement stated.

An early deep sea camera, developed under the direction of Dr. Harold E. Edgerton of the Massachusetts Institute of Technology and used by Capt. Jacques Yves Cousteau aboard his research vessel Calypso and by the Woods Hole Oceanographic Institution, has been presented to the Smithsonian Institution in Washington, D.C. The apparatus consists of two cameras mounted side by side to form a stereo pair with a 100 w/sec electronic flash synchronized to the camera gate. The equipment is designed to withstand 20,000 pounds of pressure. Funds for development and manufacture of the camera were provided by the Committee for Research and Exploration of the National Geographic Society. First used in 1954, it has been used on several Woods Hole projects in the Mediterranean, Atlantic and Indian Oceans.

Television cameras operating in 25 ft of water at the Indian Point nuclear power plant in Westchester County, N.Y., provided close-up views of every step in the loading of fuel elements into the reactor's core. The $121 million electric generating station was built by Consolidated Edison Company of New York. When in full operation it will be capable of producing 275,000 kw. The closed-circuit TV system, designed and built by Radio Corp. of America, consists of seven cameras encased in waterproof aluminum housings with viewing windows of nonbrowning glass to minimize any possible radiation effects. The cameras were trained on an underwater conveyer system used to move large baskets, each containing four fuel elements, from the plant's fuel storage building to the reactor. Each camera relayed its pictures to a control unit where, by observing a TV monitor screen, technicians were able to make adjustments to the remote handling equipment which guides the baskets and is used to move each fuel element into the reactor core.

A research installation composed of two large lunar models and a mobile motion-picture camera is being built by the Radio Corp. of America for NASA. Called a Lunar Orbit and Landing Approach Simulator, the device is expected to provide a highly accurate and detailed picture on film of what it will be like to orbit the moon from as far as 200 miles away and approach its surface to within 10,000 ft.

The feasibility of a single two-way voice channel via Telstar was demonstrated recently by Bell Telephone Laboratories, using simple and relatively inexpensive equipment. The ground station used in the demonstrations included a remodeled 18-ft dish antenna together with other existing equipment. Two demonstrations were conducted. In one a telephone call was made from the small ground station at Holmdel, N. J., to Telstar and down to Andover, Maine. From Andover the call was sent back to Holmdel by regular telephone circuits. The other demonstration consisted of sending a voice signal

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While the "Pro-600" is popular for Studio and occasional Newsreel operation, the new "Pro-600 Special" with its minimum weight and easy portability, is the perfect answer for heavy duty Newsreel and Documentary filming.

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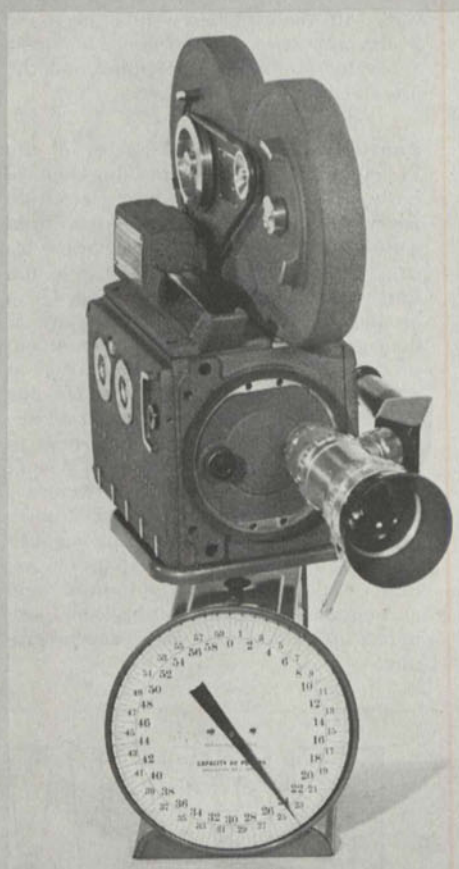
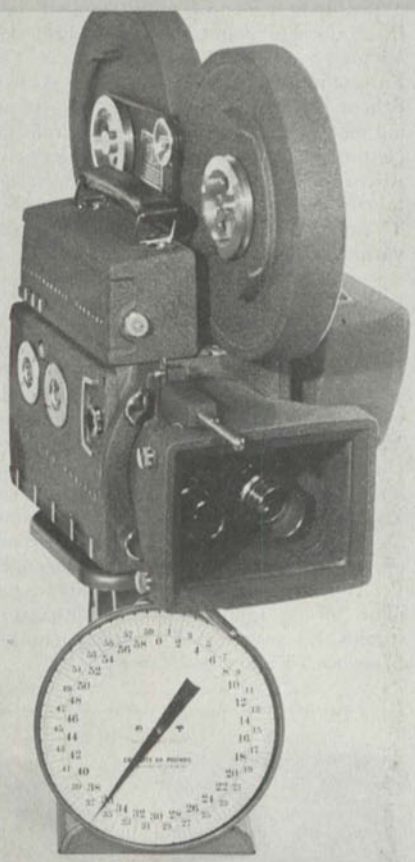


24 POUNDS



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100 ft. Runs 2¾ min.

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600 ft. Runs 16½ min.

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from the small antenna to the Telstar satellite and back to the same antenna. This suggested that two small stations separated by thousands of miles could supply two-way voice communications via satellite. Control equipment for the simplified ground station is housed in a trailer.

An associate professor of law at the University of Southern California is engaged in a year-long study of entertainment law in 20 foreign countries. He is Professor Victor S. Netterville who heads the Entertainment Law Center of USC's School of Law. Widely recognized as an authority in this special field, Professor Netterville's studies will involve interviews with lawyers, government officials, entertainers and others connected with radio. TV, motion-picture and the theater in the various countries selected for study.

Two new faculty members of the Department of Cinema, University of Southern California, Los Angeles, have been announced. Irwin R. Blacker, novelist and television script writer, has been appointed Visiting Associate Professor of Cinema. Cinematographer Eugene A. Peterson has been appointed Assistant Professor Cinema. Professor Blacker is the author of four novels and numerous TV scripts, many of which have won awards. Professor Peterson has worked as a free-lance cameraman for a number of motion-picture studios and on various TV serials, including *Medallion TV* and *Candid Camera*.

Allen Balcom Du Mont, Senior Technical Advisor to the Du Mont Divisions of Fairchild Camera and Instrument Corp., has been appointed Third Public Governor of the American Stock Exchange. The announcement was made by Edwin D. Etherington, President of the Stock Exchange. Dr. Du Mont, one of the pioneers in television and electronics, holds more than thirty patents on electronic systems and products. Widely acclaimed for his work with the cathode-ray tube, his name is also associated with oscilloscope, radar apparatus, multiplier phototubes and the first all-electronic TV receiver.

Donald E. Hyndman, Manager of the Professional Motion-Picture Film Dept. of Eastman Kodak Co., has been elected an Assistant Vice-President. He has been with Kodak since 1926 when he began his employment in the Kodak Research Laboratories. In 1928 he went on a trip around the world for the company as manager of a cine processing department project. He went to New York in 1929 as a staff member of the East Coast Division and in 1946 he became manager of the East Coast Division. He returned to Rochester in 1950. During World War II he served on the Motion-Picture Industry Advisory Committee of the War Production Board, served as a consulting engineer and analyst for the War Activities Committee of the Motion Picture Industry, and also on a subcommittee of the War Committee on Photography and Cinematography.

Alfred Roberts, Jr., has been appointed Director of Advance Development of the Photo Products Group of Bell & Howell Co., Chicago. Mr. Roberts joined Bell & Howell in 1950 as an electronics design engineer. Later he engaged in the firm's military development and manufacturing engineering operations.

Charles Austin has been appointed Marketing Manager of the Mitchell Camera Corp., 666 W. Harvard St., Glendale, Calif. He has been associated with Mitchell for the past 12 years and has been an active cinematographer for more than 10 years. During World War II he was assigned to documentary work and aerial reconnaissance in both the Signal Corps and the Air Force. In his present post he will be administrator of sales and marketing activities.

James L. Gaylord (Col. USAF, Ret.) has been appointed to the Board of Directors of Magnasync Corp. Since his retirement from the Air Force in 1956, Colonel Gaylord has been active in audio-visual and educational fields. He is also actively interested in various professional engineering groups. In 1960 he resigned from executive vice-presidency of Lytle Engineering and Manufacturing Co. to form the management consulting firm of Tracy-Gaylord Associates. He is also a director on the boards of Gaylord Bros., Inc., Johnson Hardware Co., and North American Construction Co.

A low-cost method of color printing called Panacolor, introduced last June by Panacolor, Inc., 6660 Santa Monica Blvd., Hollywood 38, will be used for the color printing of *Valley of Swords*, a Warner Bros. production scheduled for release in 1963. The new process allows for the use of black-and-white positive stock, combining printing and processing into one continuous operation. The new technique enables registration printing in a single machine at speeds greater than 200 ft/min.

Reversal processing of both 16mm and 35mm high speed black-and-white film, as well as duplicating, has been added to the services available from Bebell & Bebell Color Laboratories, Inc., 108 W. 24 St., New York 11, according to a recent announcement. A Houston-Fearless Film Processing unit has been installed for fast, dependable processing of all reversal films, both perforated and unperforated, on a 24-hour basis, the announcement stated.

The first placement in Canada of an Eidophor TV projector was announced on September 7 by TNT, Theatre Network Television, Inc., sole distributor in the United States and recently appointed exclusive distributor for Canada by Philips Electronics Industries Ltd. The Eidophor was sold to Paramount Pictures-International Telemeter Division for closed-circuit use in association with Paramount's Telemeter pay-television installation in Toronto.

Installation of the latest Oxberry Camera Stand, Master Series MP 4200, in its Animation Division has been announced

by Norwood Studios, Inc., 926 New Jersey Ave., N.W., Washington 1, D.C. The firm, established in 1951 by Philip Martin, President and Executive Producer, produces and distributes live and animated films for theatrical, nontheatrical and TV use.

Agreements for the acquisition of Conley Electronics Corp. of Evanston, Ill., and for a related bank loan of more than $2 million to provide working capital for an extensive expansion program have been announced by TelePrompTer Corp., 50 W. 44 St., New York 36. Closings on both transactions would be effected immediately following a favorable stockholder vote, the announcement stated. Conley Electronics, founded in January, 1960, produces endless-loop magnetic-tape cartridges and related products. Since the beginning of 1960, TelePrompTer, which originally produced television speech prompting equipment, has acquired 14 community antenna TV systems representing an investment of more than $6 million. It has also expanded its activities to include design and installation of audio-visual information display systems, manufacture of various audio-visual products and live and closed-circuit TV programming and production services.

A new Bell & Howell subsidiary has been formed to distribute the company's photo products to its present dealer organization. President of the new subsidiary, called the Bell & Howell Photo Sales Company, is Carl G. Schreyer, Vice-President of Marketing, Photo Products Division. Roy Sandquist, Photo Products Division Controller, has been appointed Treasurer, and James S. Tomes, Counsel for Bell & Howell, has been named Secretary. The home office of the new subsidiary is in the Bell & Howell Chicago headquarters.

Red Lake Labs, 564 San Xavier, Sunnyvale, Calif., has been appointed exclusive sales and application engineering representatives in the Western Hemisphere for the high-speed photorecording instrumentation equipments produced by the Cordin Company of Salt Lake City, Utah. Products include framing and streak cameras and related accessories and auxiliary equipment.

The Film Recording and West Coast Operations Department of the Broadcast and Communications Products Division of the Radio Corp. of America will move from 1560 N. Vine St., Hollywood, to much larger quarters at 2700 Olive St., Burbank, by November 1. The Burbank building contains about 30,000 sq ft of floor area and will house engineering, production and marketing facilities. Expanding activities in the design and manufacture of motion-picture and television equipment required larger facilities, according to Adron M. Miller, Manager of the Department.

A $2 million damage suit has been filed by Ampex Corporation of Redwood City, Calif. against Mach-Tronics, Inc., of Mountain View, Calif. and several of its principals. The complaint states that Mach-Tronics and various of its personnel

The Marconi equipped B.B.C. London Transmitting Station at Crystal Palace.

A Marconi equipped studio at the B.B.C's new television centre White City.

Packaged television station designed for minimum staffing.

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Marconi's have designed and installed systems from large television centres to small stations requiring the minimum of operational staff.

Marconi's world wide system services have provided television equipment or complete systems to 41 countries.

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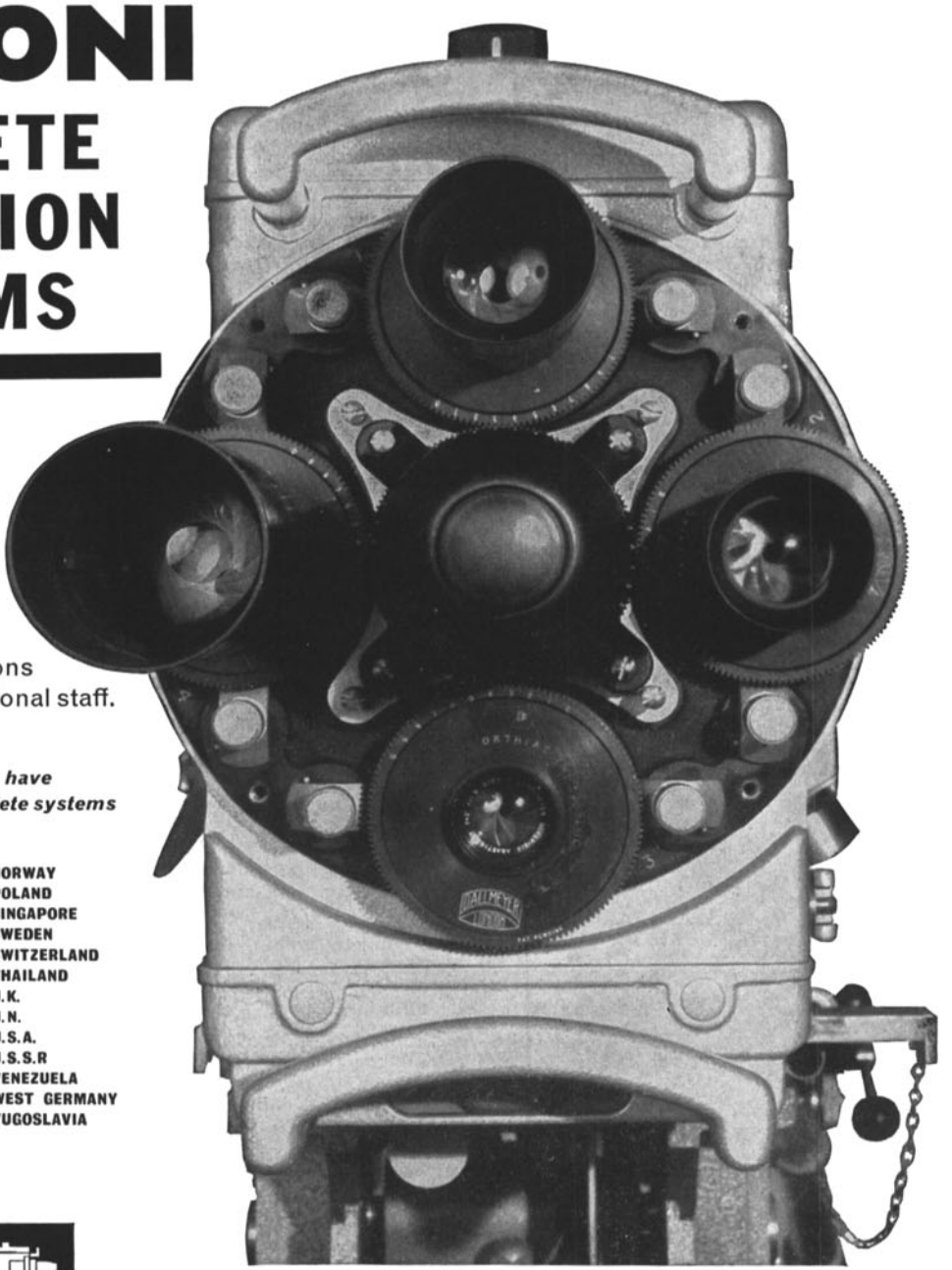
AUSTRIA	HOLLAND	SINGAPORE
BRAZIL	HONG KONG	SWEDEN
CANADA	HUNGARY	SWITZERLAND
CHINA	INDIA	THAILAND
CYPRUS	ITALY	U.K.
CZECHOSLOVAKIA	JAPAN	U.N.
DENMARK	KENYA	U.S.A.
EAST GERMANY	LEBANON	U.S.S.R
EGYPT	MALTA	VENEZUELA
EIRE	MEXICO	WEST GERMANY
FINLAND	NEW ZEALAND	YUGOSLAVIA
FRANCE	NIGERIA	



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obtained and unlawfully disclosed trade secrets of Ampex Corp. The suit also is reported as seeking to restrain Mach-Tronics from using Ampex trade secrets in the manufacture of portable television tape recorders.

A van equipped with test equipment and spare parts is used in the "service safari" of Magnasync Corp., 5546 Satsuma Ave., North Hollywood. The van is used to check Magnasync equipment throughout the United States as a service to users of the equipment.

"We noticed the system using a combination we had not programed into it!" This statement was made by Ray Ketchledge, Director of the Electronic Switching Laboratory, Bell Telephone Laboratories, New York, in describing the behavior of a telephone switching system which has a central control unit containing 6,500 transistors and 45,500 diodes. The system was set up with many alternative ways of restarting itself in millionths of a second if a vital component should fail, but engineers observed it using a combination that no human programer had built into it.

The system is in an experimental Electronic Central Office at Morris, Illinois. The experience with the system's "free-lancing" led Bell Laboratories engineer Sih Hsuin Tsiang to develop a "dictionary" which the electronics system helped "write." The system also now tells maintenance men where to look in the dictionary for a specific trouble.

Allen Green has been appointed Production Vice-President of Orbit Productions, Inc., 630 Ninth Ave., New York 36. Mr. Green was formerly technical motion-picture consultant with Camera Equipment Company. In 1960 he was co-producer, with Bert Stern, of the award-winning film *Jazz on a Summer's Day*. Among his technical achievements has been the development of the Scanascope Lens. His responsibilities in his new post include application of the photographic technique called Astrovision, recently developed by Orbit Productions.

William P. Lear, Jr., has been appointed European factory representative for Magnasync Corp., 5546 Satsuma Ave., North Hollywood. Mr. Lear's new offices are located at 11 Rue Michel, Geneva, Switzerland. Announcement of the appointment was made by D. J. White, President of Magnasync.

Russell J. Tinkham, President of Vega Electronics Corp., 10781 N. Highway 9, Cupertino, Calif., has announced that queries concerning the company's operations, products and other matters relating to the company's activities will be handled by him or may be referred to Jim Stultz, Marketing Services Manager, or Neal Milburn, Finance Officer. The announcement had special reference to matters previously handled by Arthur Foy who has resigned from Vega to open his own consulting firm called the C. Arthur Foy Company.

Carl Zeiss, Inc., U.S. subsidiary of the German firm, has moved from 485 Fifth Ave., New York, to larger quarters in the Kress Building, 444 Fifth Ave,, New York 18. The new headquarters occupy the third and fourth floors of the building. Features of the new offices include a glass-enclosed showroom for scientific instruments, service and repair center for scientific instruments, and display and customer service area for cameras and accessories and for binoculars.

Measurement Systems, Inc., 140 Water St., South Norwalk, Conn., has contracted with the National Aeronautics and Space Administration to design and manufacture an optical system which will track a missile automatically and read out its angular position in space with an accuracy of 5 sec of arc. The system, called a Prototype Real Time Optical Tracker, will include a tracking telescope, precision mount, video displays and digital data handling equipment.

Valley Studios, Inc., 3894 Buffalo Rd., Rochester 11, N.Y., is a new company engaged in the production of nontheatrical motion pictures and slide films. President of the new firm is Andrew MacGowan, Jr., formerly with Eastman Kodak's Information Films Dept. Other officers of the new corporation are Paul Benning Davis, Robert F. Gaertner, and Richard Floberg.

books reviewed

The Edison Motion Picture Myth

By Gordon Hendricks. Published (1961) by the University of California Press, Berkeley 4, Calif. 212 pp. Illus. Price $4.00.

(This review is reprinted from the May 1962 issue of *Films in Review*, by permission of the Editor, Henry Hart.)

Most film histories are so contaminated by apocrypha, faulty reminiscence, and retrospective self-aggrandizement that a scholarly publication of any substance is something of an event.

At first glance, this new book by Gordon Hendricks seems to be an exception. But whether readers will be pleased with the conclusions toward which he leads them, or the partisan and arbitrary fashion in which he marshals his evidence, is another matter.

Mr. Hendricks contends that the generally accepted accounts of Thomas Edison's invention of the motion picture camera are substantially fictitious, and that the major credit for the achievement ought properly to go to Edison's self-effacing employe, W. K. L. Dickson.

A prodigious amount of research and scholarly ingenuity have gone into his argument. Hundreds of pieces of information — patent specifications, financial records, memoirs, diaries and other such rarely consulted data — have been fitted together into a fascinating mosaic which chronicles the devious and intricate events leading up to the development of the first motion picture cameras and projectors between 1888 and 1892.

Mr. Hendricks is most successful in demonstrating that considerable hanky-panky was involved during this period in the affairs and claims of the Edison organization. This will surprise no one familiar with the early days of the motion picture business. Hanky-panky was also true of Edison's commercial adversaries.

Hendricks makes a good case for the recognition of W. K. L. Dickson as a collaborator in the invention of the Kinetoscope. However, the reader will have to decide for himself how much credit Dickson should receive for this collaboration. For, despite the ingenious arguments presented in the book, the conclusions reached are necessarily based upon fragmentary and circumstantial evidence which can be construed in a variety of ways. Moreover, because an inventor, scientist, or supervising engineer entrusts an assistant with the mechanical realization of his designs, that is not, of itself, sufficient reason to credit