

Simplex

35/70

MOTION PICTURE PROJECTOR

Brightest new projector from the most trusted name in the industry!

Only the industry's most experienced projector manufacturer could have built this new projector. Here, at last, is the one 35-70 mechanism combining brilliant new design features with the same great precision engineering and ruggedness that have put more Simplex projectors into theatres than any other make. Operation is simple, reliable and familiar. Practically every projectionist is already at home with its basic systems and components.

The changes from 35 to 70 are quick and easy because only the film trap has to be replaced. The mechanism is American made throughout. It is backed by the largest and most readily available parts supply in the nation. Many components are actually interchangeable with standard Simplex 35mm parts. For extra boxoffice insurance, the mechanism features unitized construction permitting complete component sections to be quickly and individually replaced.

What's more, you can use existing Simplex heavy duty pedestals—and any American lamp house without special adapters. Check these additional features of this great new projection achievement.

Mechanism

- Conversion to 35mm or 70mm takes seconds—only film trap requires replacement.
- Gear driven—24 or 30 frame operation
- Curved film-trap runners are hardened and precision ground for longer life, greater accuracy.
- Water cooled film trap for greater heat dissipation.
- Combination 35-70mm sprockets and pad rollers adaptable to either size without removal.
- Direct-drive optical soundhead.
- Separate film and gear compartments—no oil ever reaches film.
- Micrometer lens focusing.
- Conical shutter for maximum light transmission.
- Frame lock indicator eliminates framing guesswork.
- Proven XL gear train and oil mist lubrication.
- Easy-view sight box.
- Contoured gate to hold film rigid without air or gadgets.
- Indoor/drive-in lubrication regardless of projection angle
- Automatic fire shutter
- More finger room in film compartment.
- Eccentric lens device.

Magazines

- Rugged cast aluminum construction for permanent alignment—extra large.
- Full size $\frac{1}{2}$ " steel alloy shafts for greater strength.
- Oscar winning XL take-up provides constant tension.
- Adjustable positioning for indoor or drive-in use—door stays open at any angle during threading—Magazines split through middle for more finger room when inserting reel.

Penthouse Soundhead

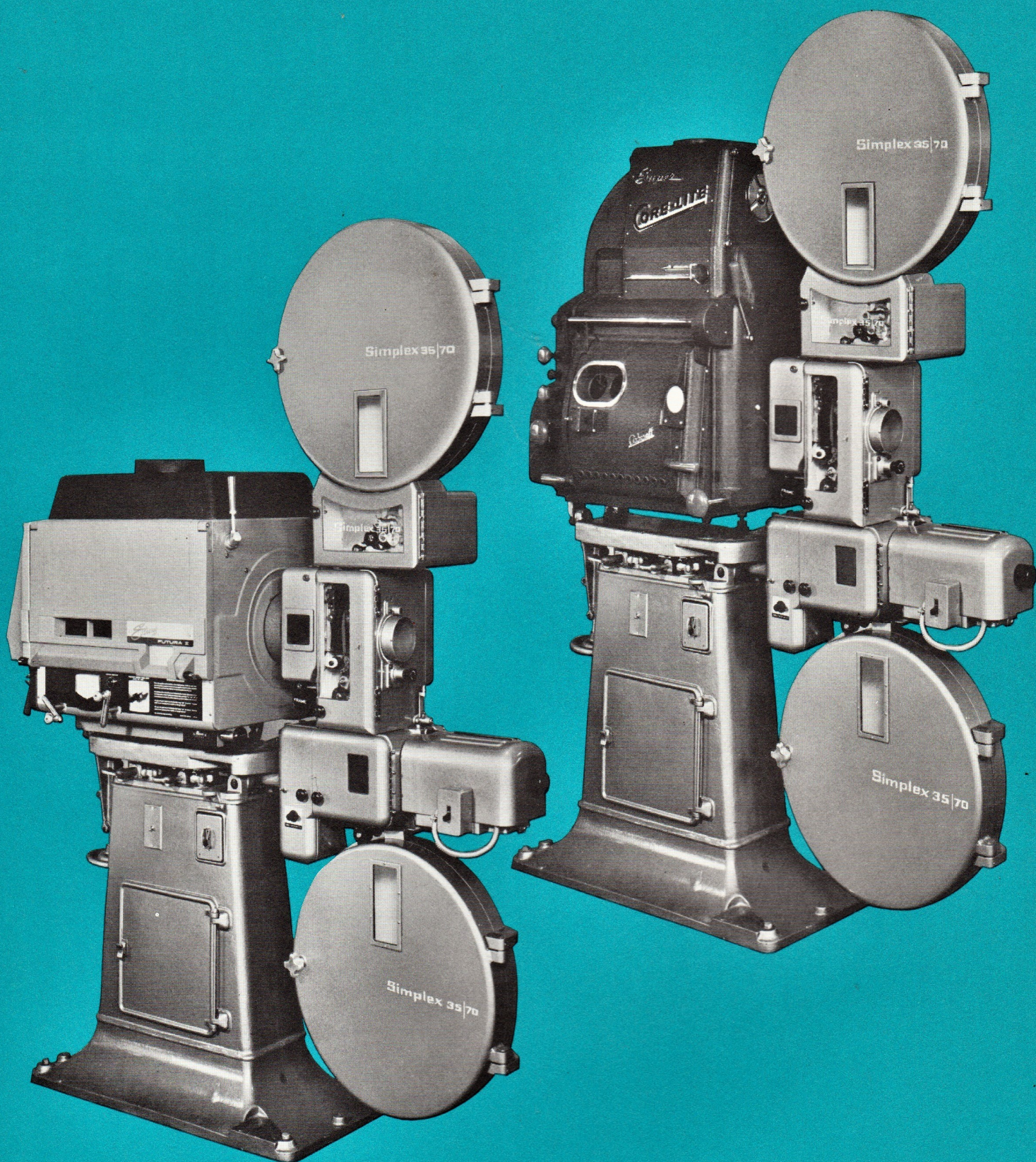
- Extra roomy for easier threading and more accurate film tracking and scanning.
- 4-6-10 track magnetic pickup heads.
- Built-in guide rollers and fire valves for precise film alignment.
- Contour design for better alignment.
- Uniform film movement.

Pedestal

- Heavy duty Simplex design
- Fits all arc lamps—no shims or adapters needed.
- Complete unit can be rotated up or down without gadgets or "propping up"—indoor to 30° down tilt, drive-in to 15° up tilt.
- Adjustable lamphouse table for perfect optical center alignment.
- Roomy interior conceals all wiring.

Optical Soundhead

- Direct drive motor
- rotary stabilizer film propulsion
- double sprocket drive
- solar cell pick-up
- 50-60 cycle operation
- built-in changeover
- bracket mounted exciter lamp
- system volume control
- individual soundhead balancing
- easy threading
- roomy interior
- oilproof optical system
- less than .15% total flutter
- resilient mounted scanning system
- direct film scanning—no mirrors or reflectors
- gear driven mechanism kit



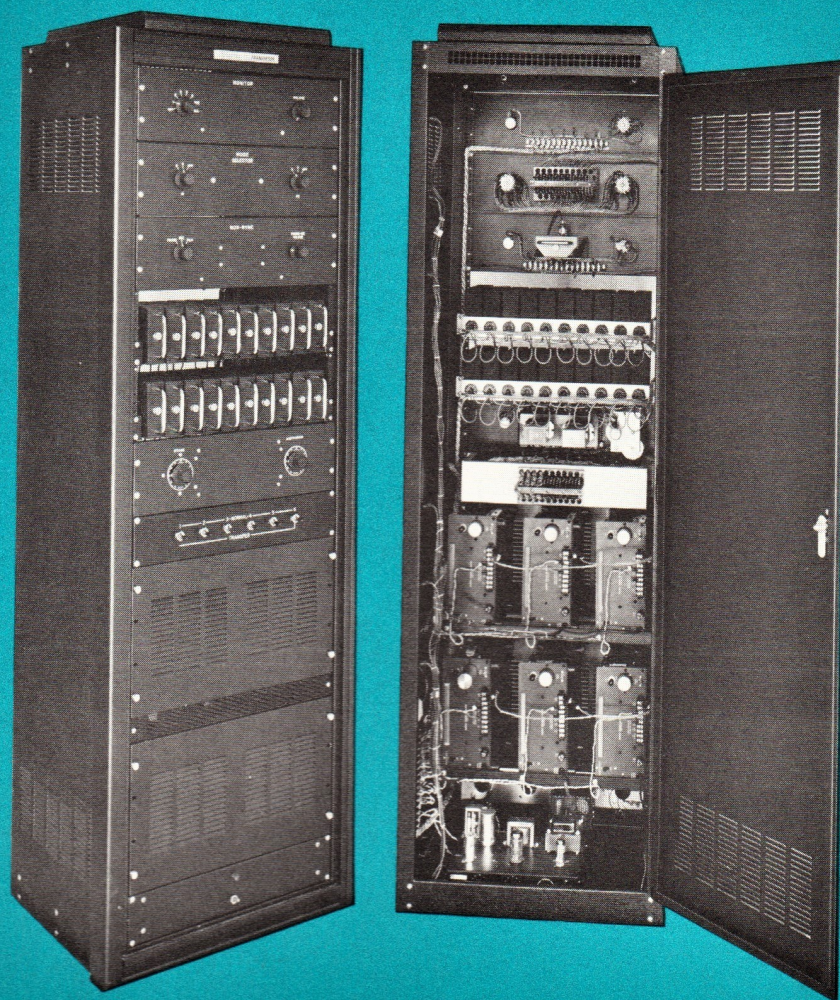
*Now available for immediate delivery and
installation from your nearby National branch*

Simplex
35/70

Simplex XL 6-4-1 SOUND

*Perfect mate for Simplex 35-70
and all other 70mm projection systems!*


The finest sound system available to motion picture theatres. Operates with all types of projection: 6 channel magnetic 70mm, 4 channel magnetic 35mm and single channel optical 35mm. Entire system (except monitor speaker) in one neat, enclosed cabinet. Saves space and installation costs. Simplifies servicing. All components are prewired and tested at the factory for maximum economy.



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