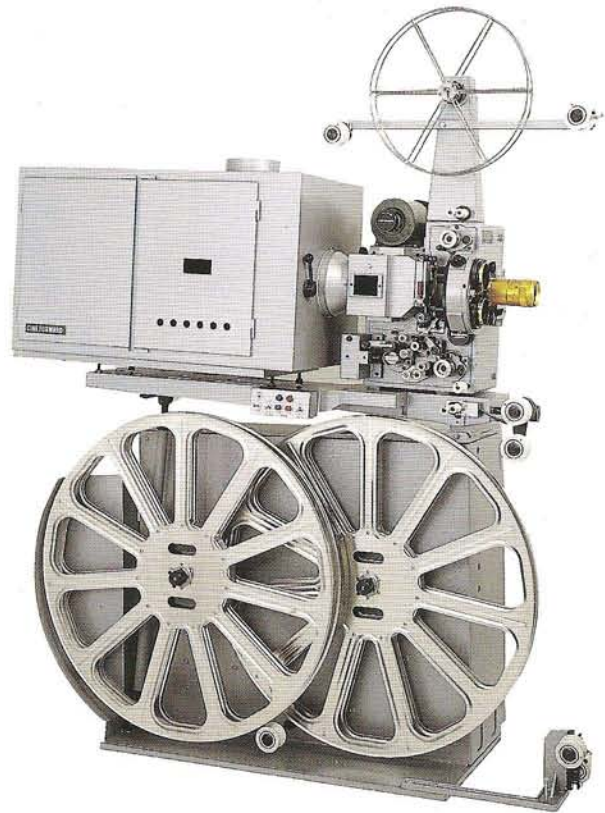




CF CINEFORWARD®



NIPPON DENSHI KOGAKU CO., LTD.
(JAPAN ELECTRONIC OPTICAL INDUSTRIAL CO.,LTD.)

FC-5000, SERIES 35^{mm} SOUND PROJECTOR SYSTEM

PROJECTOR HEAD

FC-20T (TWO-TURRET, THREE-TURRET) SERIES

FC-20 (SINGLE LENS) SERIES

CINE FORWARD has over 40 years experiences in the field of PROJECTORS and has been keeping the technical bases while we have been always introducing the most up-to-date technology.

Our FC-20 is the fruit of our highest technology and basic model of FULL-AUTOMATIC TYPE FX-5000. FC-20 established the reliability of its structure and mechanism and the safety of operation while developing CINE FORWARD FX-5000 and FC-20. In the intermittent device compartment of main mechanism as well as in the part of high speed rotating shutter, lubrication is OIL-BATH-SYSTEM, and film running parts are made of high precision bearing metal, and for its synchronized movement roller-chain driving method is applied. The synchronized belt of motor will prevent "RUNNING SHOCK" from the movement. Also designed with sturdy and compact structure.

The shutter is conical type for brightness and clearness, and the aperture mechanism is compulsprily air cooled. The gate door opens with wide angle, and the sound device has a soft-loop method, being considered for reproducing high fidelity sound. CINE FORWARD is only one manufacturer of one body and all closed type projector in Japan.

FIDELIS MC MULTI-COATING AIR GAP LENS



FXL-SERIES XENON LAMP

1.6, 2, 3, 3.6, 5, 6.5, 7.5 KW



SWITCHING REGULATOR



THYRISTOR RECTIFIER



FW-3B REWINDER



FW-13C REWINDER



Specification

| | |
|----------------------------|--|
| Type: | OIL BATH LUBRICATION TYPE lubrication system |
| Aperture Mask: | Lateral insertion |
| Film Trap: | Parallel remove opening method |
| Film Skate: | Separate type for eliminating film flapping |
| Shutter: | Conical shutter |
| Anamorphic Lens Holder: | Individual rotating system |
| Lens Holder: | Individual pinion rack adjustment sys- tem. FC-20 for Single; FC-20T for Two and/or Three Turret |
| Framing: | By knob operation |
| Driving Motor: | 200W Induction Motor, AC110V/220V |
| Film Speed: | 24 frames per second |
| Sound System: | Optical Sound Reproduction System Magnetic Sound Reproduction System (at option) |
| Slit Lens: | R.C.A. type |
| Exciter Lamp: | 10V 5A |
| Reproduction Input: | Solar Cell or Stereo Solar Cell |

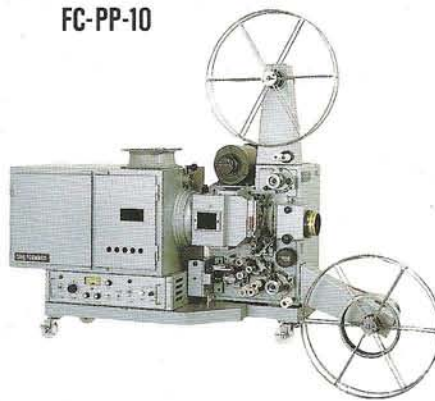
FC-5000, SERIES LINE UP

EXAMPLE OF APPLICATION

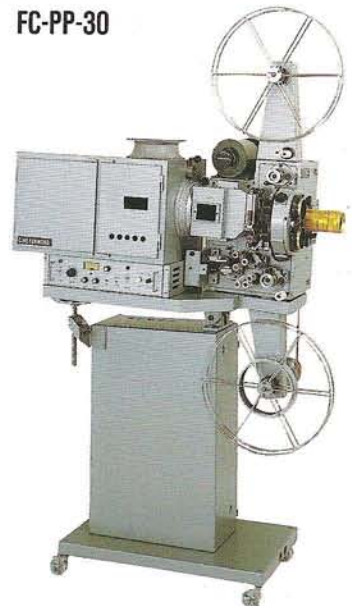
MODEL: FC-PP-10

1. FC-PP-1 35mm SOUND PROJECTOR
2. FC-PP-3U UPPER MAGAZINE ARM 3000ft
3. FC-PP-IL LOWER MAGAZINE ARM 3000ft
4. CX-P-2000 XENON LAMP HOUSE
5. FC-P-1 PORTABLE STAND(WITH CASTER)
6. FCX-SERIES SWITCHING REGULATOR
7. XENON LAMP FX-16SC(FX-2000)
8. PREAMPLIFIER POWER AMPLIFIER UNIT(80W)
EXCITER POWER SUPPLY UNIT
9. SYSTEM SPEAKER
10. ANAMORPHIC LENS
11. PROJECTION LENS(TURRET TYPE AVAILABLE)
12. FW-1 FILM REWINDER
13. TAPE SPLICER
14. 3000ft REEL(UPPER REEL2, LOWER REEL2)
15. POWER CABLE

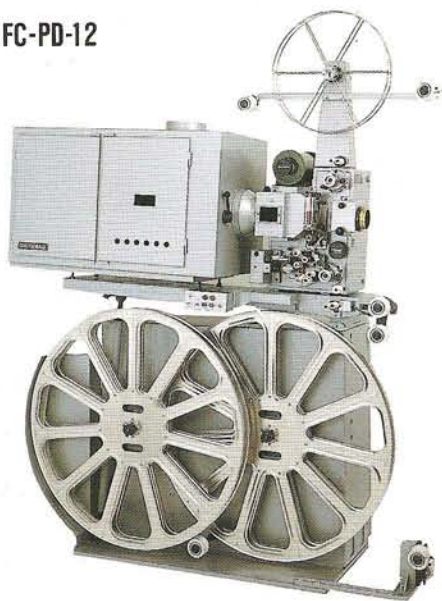
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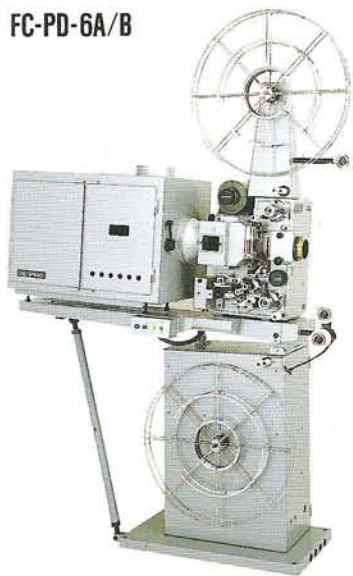
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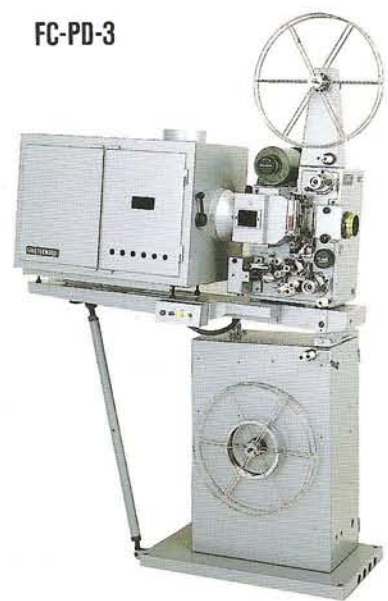
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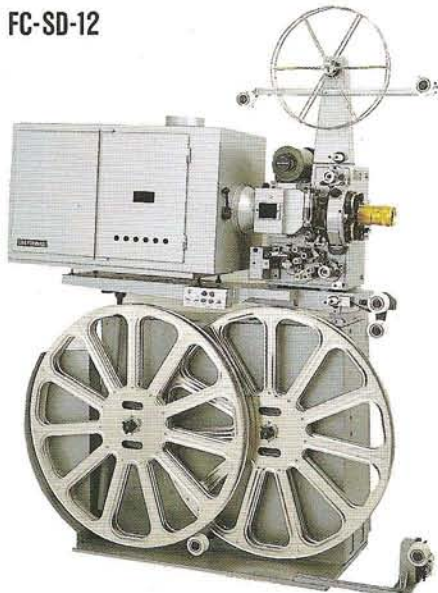
FC-PD-6A/B



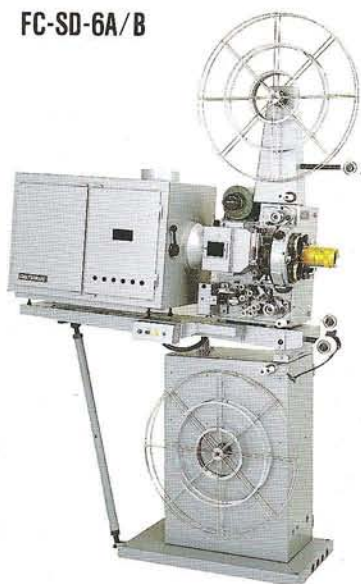
FC-PD-3



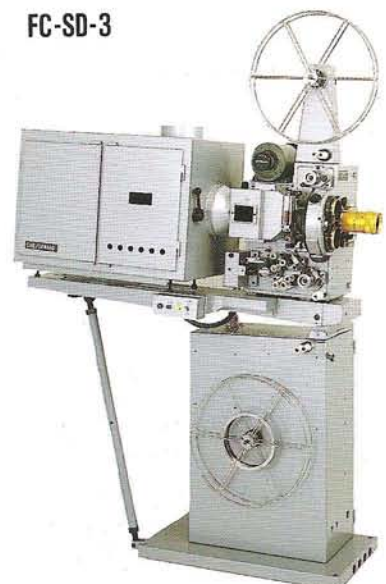
FC-SD-12



FC-SD-6A/B



FC-SD-3





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32-4, MINAMI-OTSUKA, 2-CHOME, TOSHIMA-KU, TOKYO, JAPAN TEL.03-3945-1831 FAX.03-3944-1748