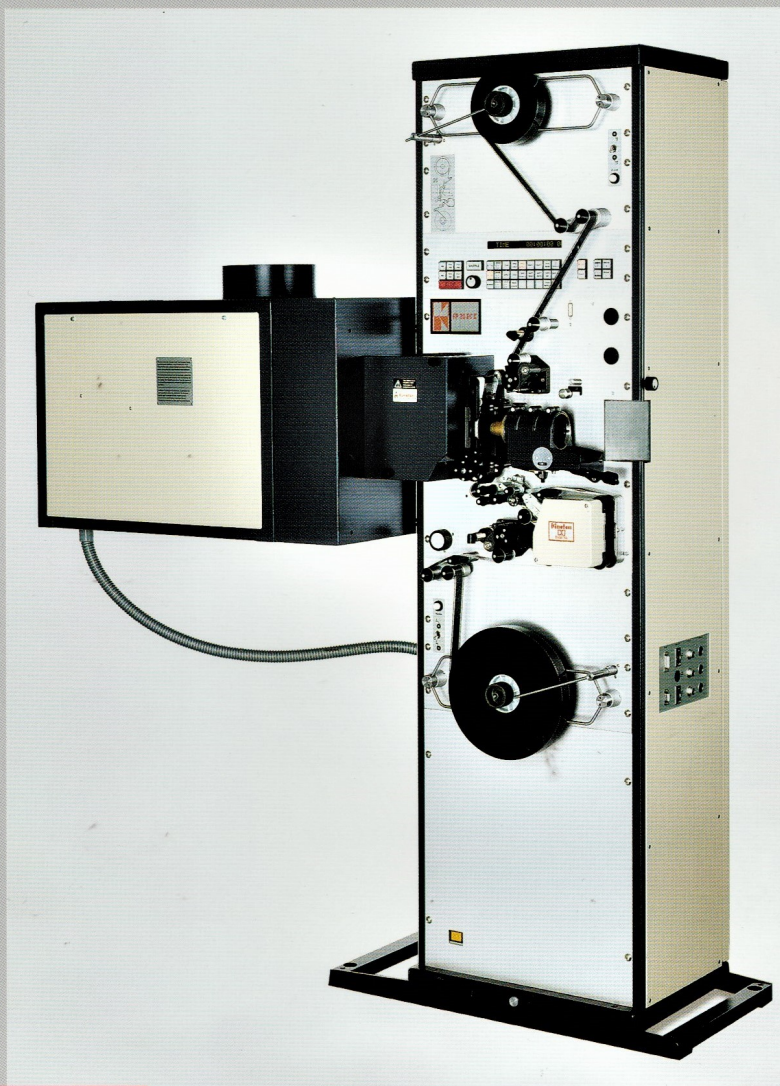




STUDIO

Quality and reliability have made Kinton's high-speed projectors the standard in the world's most important studios. Their versatility enables use in all studio applications: mixing, post production, preview, print QC, and video scanning.

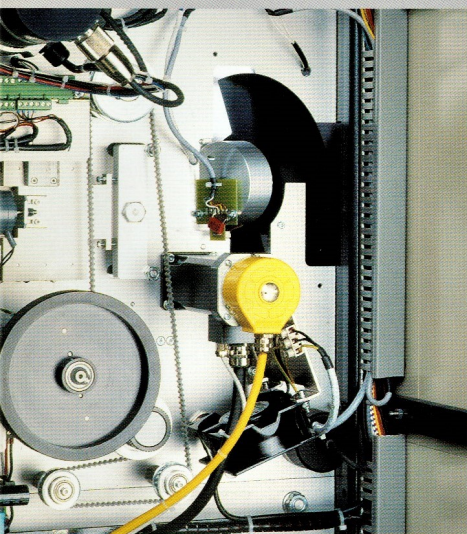


- maintenance-free electronic sprocket drive
- perfect picture steadiness due to electronic compensation of mechanical tolerances
- excellent focus and contrast
- projection speeds from 1 up to 40 fps
- continuously running, electronically controlled shutter for increased brightness and flicker-free projection at all speeds
 - virtual 3-wing shutter up to 21 fps
 - 2-wing shutter above 22 fps
- shuttle operation up to 400 fps (16 mm) / 300 fps (35 mm)
- microprocessor controlled film-core shafts with switchable rotation direction
- film protection due to constant film tension at any winding diameter
- reverse scan sound device for DOLBY A, DOLBY SR and DOLBY DIGITAL with switchable flywheel pre-acceleration
- high optical efficiency
- automatic shuttling system
- shift (offset) function in slave mode
- zero location
- fully controllable by computer systems
- simple, inexpensive optional video scanning due to electronically synchronized shutter
- available remote control
- FP 38 EC II: simple, quick change of formats (16/35)
- can be used as biphase master and slave
- user-configurable software
- robust and reliable

Studio Projectors FP 30 EC II / FP 38 EC II

For more information visit our website:

www.kinoton.com/fp30ecII.htm



sprocket drive



drive electronics

Technical data:

Mains voltage: 115 V / 120 V / 230 V / 240 V
Mains frequency: 50 Hz / 60 Hz
Power input
(less light source): 0.5 kVA

Film capacity: 600 m (2,000 ft) cores
Light sources: from 500 W to 5,000 W
Lens holder: Ø 70.6 mm (2-25/32 in)

Projection speeds:
- standard: single frame, 24 fps, 25 fps, 40 fps
- user-assigned any speed from 1 to 40 fps
- variable speed 1 - 40 fps by potentiometer adjustment

16 mm shuttle speed: up to 400 fps
35 mm shuttle speed: up to 300 fps

16 mm run-up time: 0 - 25 fps: ≤ 0.3 sec.

0 - 400 fps: ≤ 4.5 sec.

35 mm run-up time: 0 - 25 fps: ≤ 0.3 sec.

0 - 300 fps: ≤ 3.5 sec.

Picture steadiness, 16 mm: vertical divergence < 0.1%
horizontal divergence < 0.2%

Picture steadiness, 35 mm: vertical divergence < 0.05%
horizontal divergence < 0.1%

Framing: electronically controlled, continuous

Sound: 35 mm: COMOPT, DOLBY Digital
16 mm: COMOPT, COMMAG

Synchronous inputs and outputs:
- 50 / 100 / 250 Hz biphas
- 75 pulses per frame with pulse and direction
- customer defined

Net weight, without light source: 185 kg (410 lbs)

Gross weight, without light source: 270 kg (600 lbs)

Versions:

FP 30 EC II: - for 35 mm

FP 38 EC II: - for 16 mm and 35 mm

- for 16 mm and 35 mm as well as Super 16



Kinoton GMBH
Cinema and Studio Technology

E-mail: welcome@kinoton.de
Tel. +49 (0) 89/89 44 46-0
Fax +49 (0) 89/8 40 20 02
Industriestrasse 20a
D-82110 Germering