

INTRODUCTION TO THE *New Line* 8mm

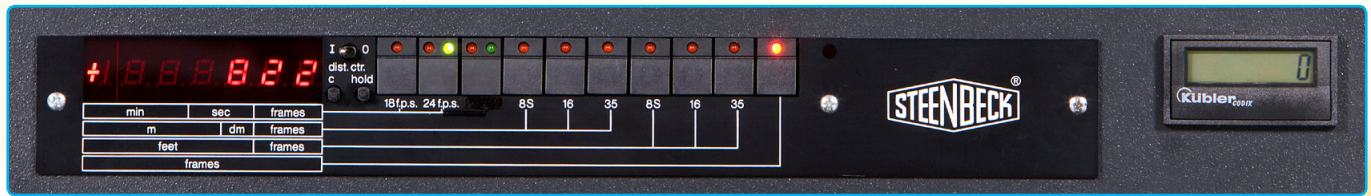


ST 822

ST822

- Complete new designed strong, rigid steel chassis, scratch resistant paint. Transport castors.
- Well arranged controls.
- All metal parts corrosion protected. Self lubricating bearings.
- Electronic/crystal controlled drive system.
- Adjustable film tension.
- New design 8mm film projection for regular/standard 8mm and Super 8mm.
- COMMAG sound for both 8mm formats.
- Operating voltage selectable from 100 – 240 Volts / 50/60 Hz.
- Power consumption: 800 W.





Configuration

- For 8mm and Super8 film spools up to 360 meter/1200 feet.
- Steel adapter for S8 spools
- Friendly film handling.
- Ground glass back-illuminated by 7000°K (approx.) LED light source.
- Variable speed control from 0 - 100 f.p.s.
- Standard with save built in film rewinder, with variable speed and switchable for two directions.

Counter:

Multipurpose processor counter display, monitoring all stages of counting like:

- time – length (meters/feet) – frames.
- converts every count into another.
- actually running speed of film, with separate f.p.s. display.

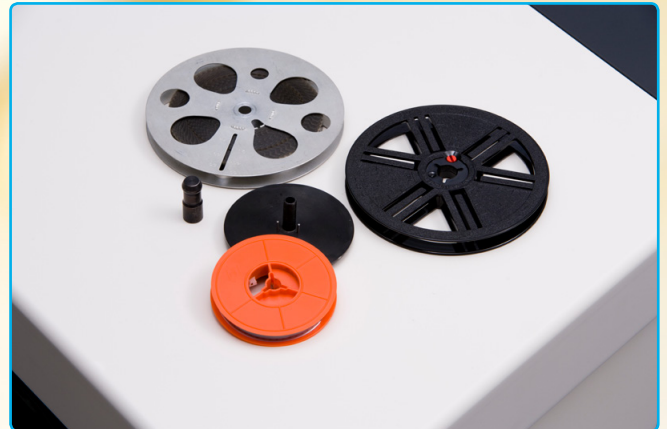
Picture system

- Optical compensation with: 36 face revolving prism for Standard 8mm. 32 face revolving prism for S8mm.
- Brilliant, bright (170 lux) and sharp (>80 lines/mm picture).
- Good picture steadiness.
- Framing at stand-still and during operation.
- Lamp 12 Volts / 100 Watt .
- High quality very bright projection screen.
- Lamp is automatically dimmed in standstill to protect the film from heat.
- Lamp is easily accessible and can be adjusted from the (top) working plate in three ways to get the maximum light quality.
- Projection system with highly polished surface mirrors.
- Special condenser system with heat absorbing filter.
- Projection areas: each 230 x 160mm (approx.)
- Full frame projection.

Drive system

- Well proven one motor drive system with belt driven frictions with adjustable film tension by processor system.
- Adjustable time for acceleration and deceleration for maximum safe film handling.
- Sync speeds 18/24 f.p.s. (frames per second) - variable wind speed from 0 to 100 f.p.s.





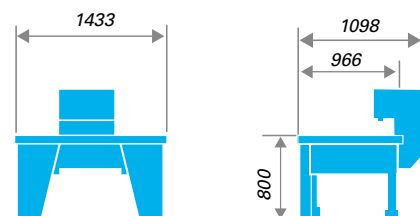
Audio system

- Both 8mm formats with COMMAG sound (mono).
- Super8: two audio channels for main and balance track, each with fader.
- Standard 8: one audio channel.
- Two way high quality loudspeakers, nominal 2 x 30 Watt.
- Balanced XLR mono +4Db output.
- Faders for each sound channel.
- Master amplifier for volume, treble and bass
- Headphone socket. (1/4" jack)
- Automatic muting at high speed.
- Frequency response:
COMMAG 80 – 8.000 Hz within ± 3 Db.
- Signal-to-noise ratio: COMOPT 58Db.
- Wow and Flutter, linear $<0,3\%$.



Options

ST58	Table working lamp
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Weight: ca. 220 kg. Measurement in mm.

More than 60 years of film table precision



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Specifications are subject to change without notice. Images are an example.