

INTRODUCTION TO THE **01-series** 35mm



ST 721

ST721 - 2 pictures - 8 plate

- Strong, rigid steel chassis. Scratch resistant paint. Transport castors.
- Solvent resistant table top. Well arranged controls.
- All metal parts corrosion protected. Self lubricating bearings.
- Easy access for maintenance.
- Electronic drive system, crystal controlled.
- Motor controlled sound shift system for 2 audio tracks in respect to the picture. Digital display of shifted frames for each sound track.
- All tracks individually disengageable.
- Adjustable film tension
- Operating voltage selectable from 100 – 240 Volts / 50/60 Hz.
- Power consumption: 1200 W.



Configuration

- Track 1: 17,5/35mm SEPMAG 1-channel.
- Track 2: 17,5/35mm SEPMAG 1-channel.
- Track 3: standard picture (left), option CinemaScope (ST93).
- Track 4: standard picture (right), option CinemaScope, (ST93), picture with COMOPT.
Film capacity: 1x 450 meter (1350ft) picture film – 1x 300 meter (1000ft) picture film – 2x 500 meter (1500ft) sound film.
- Two selectable image systems by user:
academy (standard), cinemascope (optional)
Other formats like S35 or Widescreen on request.
- Ground glass back-illuminated.
- Multipurpose processor counter display, monitoring all stages of counting: time – length (meters / feet) - frames and converts every count into another.
- second universal counter: option ST5001

Picture System:

- Optical compensation with 18 face revolving prism.
- Very brilliant, bright (170 lux) and sharp (>80 lines/mm picture).
- Excellent picture steadiness (<0,5%).
- Framing at standstill and during operation.
- Lamp 12 Volts / 100 Watt / high quality projection screen.
- Lamp is automatically dimmed in still stand 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: standard 212 x 298mm Other formats like Cinemascope, 1:1,85, Super35 etc. all optional up to 212 x 500mm.
- (video) camera adaptor system (optional).

Drive System

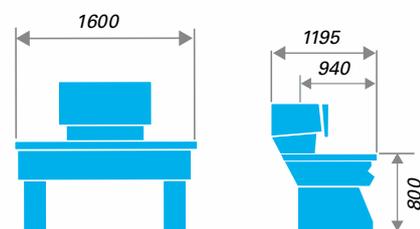
- Well proven one motor drive system with belt driven frictions with adjustable film tension.
- Adjustable time for acceleration and deceleration for maximum safe film handling.
- Sync speeds 24/25 f.p.s. (frames per second).
- Variable wind speed from 0 to 100 f.p.s.
- Changing 35mm sprocket and sprocket ring for shrunken material is possible (optional).
- Variable speed control from 0 – 100 f.p.s. including display for an exact read-out film speed. (optional)

Audio System:

- Two way high quality loudspeakers, nominal 2 x 30 Watt.
- Balanced XLR mono (stereo optional) +4Db output.
- Faders for each sound channel.
- Master amplifier for volume, treble and bass/
- Headphone socket. (1/4" jack)
- Automatic muting at high speed.
- White (standard) and red light (optional) COMOPT, changeable by user.
- Frequency response: COMOPT 40 – 8.000 Hz within +/- 2Db.
- Signal-to-noise ratio: COMOPT 58Db.
- Wow and Flutter, linear <0,3%.



Options		
ST57	Table working lamp with dimmer	N
ST59	Foot switch with control board	F
ST62	COMOPT 35mm red light / Cyan optical sound reader	N
ST93	Cinemascope (for 2 pictures)	F
ST99/35/1	Service kit for shrunken 35mm film 1,0% - 1,5%	N
ST99/35/2	Service kit for shrunken 35mm film 1,5 - 2,5%	N
ST171	(video) camera adaptor for digitizing (standard) 35mm with special optics, without camera*	N
ST173	(video) camera adaptor for digitizing 35mm, Cinemascope and other format with special optics, without camera*	N
ST168	(video) camera condenser with integrated mirror lamp for ST171 / ST173	N
ST192	Extension board (left)	N
ST193	Extension board (right)	N
ST200	Variable speed control	F
ST742	Stereo sound SEPMAG for ST721	F
ST2290	Symmetrical audio output 2-channels	F
Z50	Time elapsed counter	F
ST5001	Second counter for second picture	
Other options and customer specifications: on request.		
<i>N = extendable by user or service engineer, F = factory installation only, * = only with camera, advised/installed by Steenbeck</i>		
Optional configurations: ST721 , 2 picture, 4 plate with COMOPT sound picture right, or with COMOPT picture left. ST721 , 2 picture, 4 or 6 plate with one track SEPMAG. Details on request.		



Weight: 245 kg. Measurement in mm.

More than 60 years of film table precision



Keizersveld 31
 5803 AM Venray (Holland)
 Email: info@steenbeck.com

Tel.: + 31 (0) 478 630300
 Fax: + 31 (0) 478 690007
www.steenbeck.com