

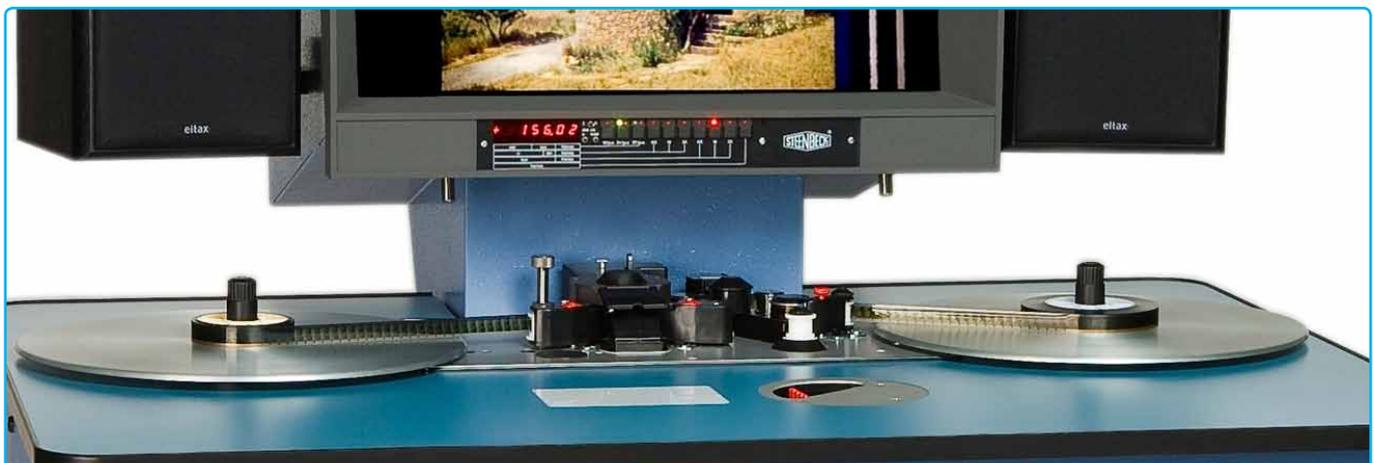
# INTRODUCTION TO THE **01-series** 16mm



**ST 1201**

## **ST1201 - 2 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.
- Adjustable film tension.
- Operating voltage selectable from 100 – 240 Volts / 50/60 Hz.
- Power consumption: 800 W.





ST170/177



ST200

## Configuration

- Track 1: standard picture 2 plates COMOPT 16mm sound (mono) (COMMAG: optional)
- Friendly film handling.
- Maximum capacity of 650 meter / 2000 feet of Acetate film on bobbins.
- Ground glass back-illuminated.
- Multipurpose processor counter display, monitoring all stages of counting: time – length (meters / feet) - frames and converts every count into another.

## Picture system

- Optical compensation with 18 face revolving prism.
- Very brilliant, bright (260 lux) and sharp (>80 lines/mm picture).
- Excellent picture steadiness (<1,0%)
- Framing at standstill 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.
- Projection areas: standard 212 x 288mm. (optional Super16 212 x 360mm)
- Large projection housing with flexible masks and universal counter.
- (video) camera adaptor system (optional)

## Drive system

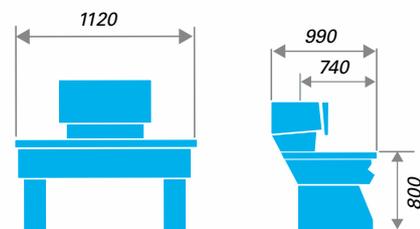
- Well proven one motor drive system with belt driven frictions with adjustable film tension.
- Adjustable time for acceleration and deceleration for maximum safe film handling.
- Sync speeds 24/25 f.p.s. (frames per second) variable wind speed from 0 to 200 f.p.s.
- Changing 16mm sprocket and sprocket ring for shrunken material is possible (optional).
- Variable speed control from 0 – 200 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 +4Db output (optional).
- 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 160 – 8.000 Hz within  $\pm 2$  Db.  
Optional: COMMAG 40 – 10.000 Hz within  $\pm 2$  Db.
- Signal-to-noise ratio: COMOPT 58 Db. / COMMAG 48 Db.
- Wow and Flutter, linear <0,3%.



<b>Options</b>		
<b>ST57</b>	Table working lamp with dimmer	N
<b>ST59</b>	Foot switch with control board	F
<b>ST62</b>	COMOPT 16mm red light / Cyan optical sound reader	N
<b>ST66/3</b>	COMMAG 16mm, with pre-amp sound module	F
<b>ST99/16</b>	Service kit for shrunken film 0,75-1,5%	N
<b>ST170</b>	(video) camera adaptor system for digitizing 16mm with special optics, without camera*	F
<b>ST177</b>	(video) camera adaptor system for digitizing 16 and S16mm with special optics, w/o camera*	F
<b>ST175</b>	Super 16	N
<b>ST169</b>	(video) camera condenser 16mm for ST170	N
<b>ST191</b>	Extension board (right).	N
<b>ST192</b>	Extension board ( left)	N
<b>ST200</b>	Variable speed control, including display.	F
<b>ST2290</b>	Balanced audio output 2-channels (mono)	F
<b>Z50</b>	Time elapsed counter	F
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>		



Weight: 150 kg. Measurement in mm.

## More than 60 years of film table precision



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