

Rank Film Equipment



THE VICTORIA 5 5P 5S

35mm. PROJECTORS



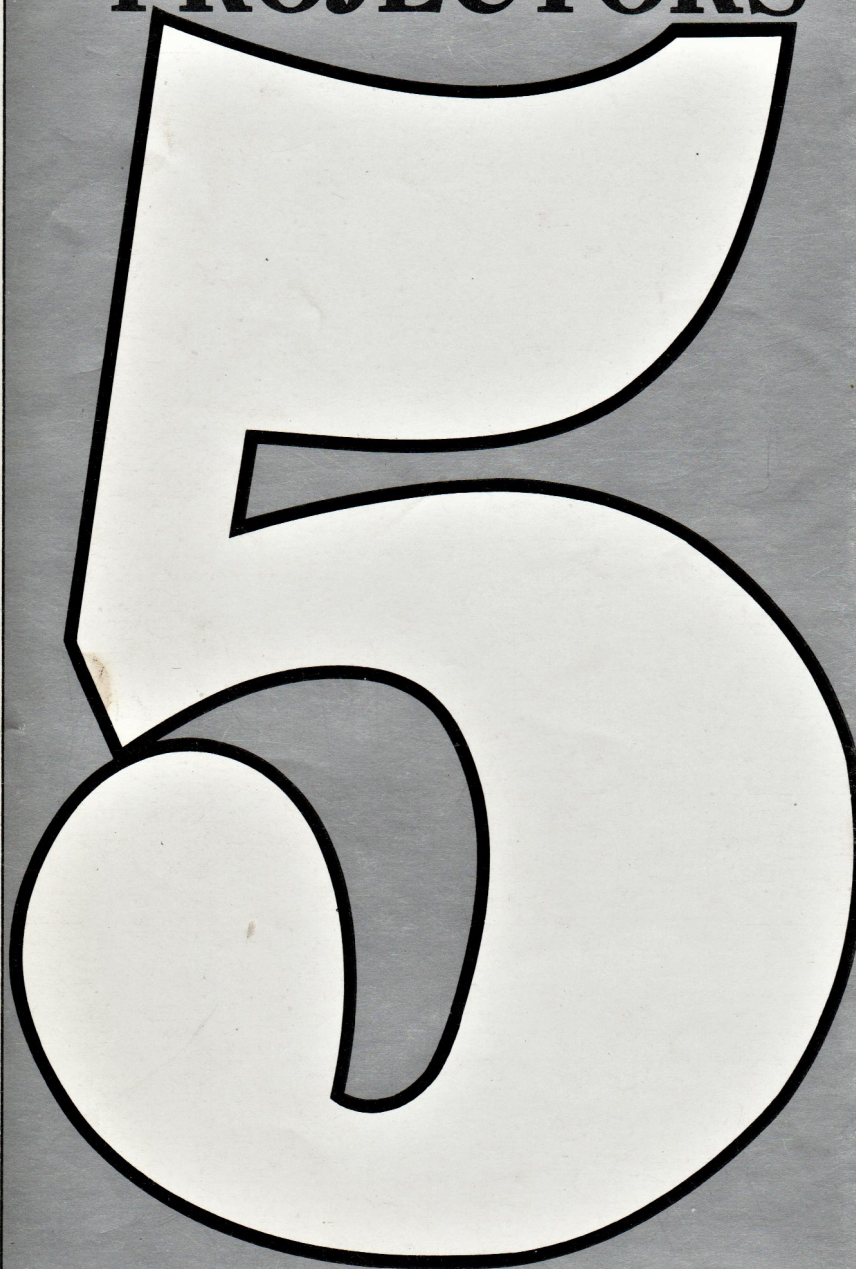
Rank Film Equipment,
A division of Rank Audio Visual Limited,
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Telephone: 01-568 9222. Telex: 27976. Cables: Rankaudio Brentford.



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This projector is an adaptation of the Victoria 5 and offers a portable projection package maintaining the same high quality sound and projection normally associated with larger conventional projectors.

The lamphouse and amplifier are built into the main body of the projector, eliminating time-consuming re-assembly every time it is unpacked. As with the 5 and 5S models, the 5P is based upon the same simple belt drive system and all built-in components such as the lamphouse, sprockets, belts, soundhead and fuses are easily accessible, so there is no stripping down of the entire mechanism to be done when servicing. Many standard Victoria 5 options can be incorporated such as anamorphic lens holder, manual turret and a built-in rewinder if required.

The 5P is supplied in two versions, either in a wooden carrying case which can also be used as a stand during projection or on a trolley which is particularly suited to locations such as schools and hospitals as it can be easily wheeled from one room to another, wheels are supplied as standard. Both versions are suitable for mounting in vehicles to provide mobile cinema facilities.

The sound system incorporated in the Victoria 5P is the popular C/55PT, a complete compact transistorised unit which provides 30W RMS output.

Two types of lamphouse are offered, the A400 which is a 400W halogen lamphouse with its own built-in transformer and mirror which will provide sufficient light for a screen of up to four metres in width.

Alternatively the CX500H horizontal xenon lamphouse, which takes a 500W bulb, will give a picture up to 6 metres wide. A small separate rectifier is required with the xenon lamphouse which will fit conveniently underneath the trolley mounted version of the projector.

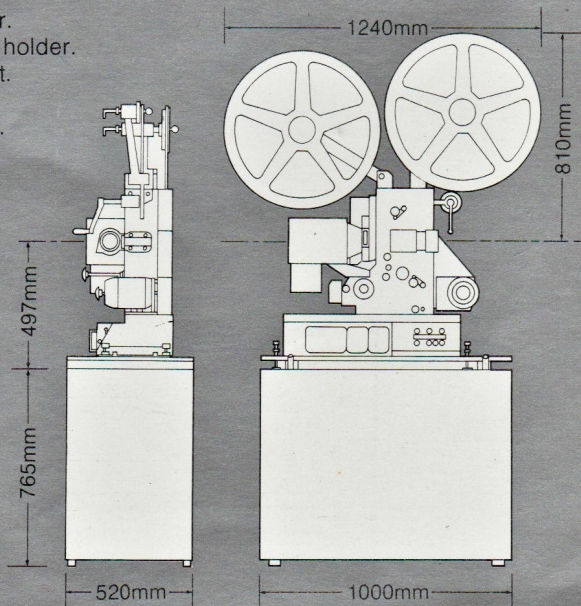


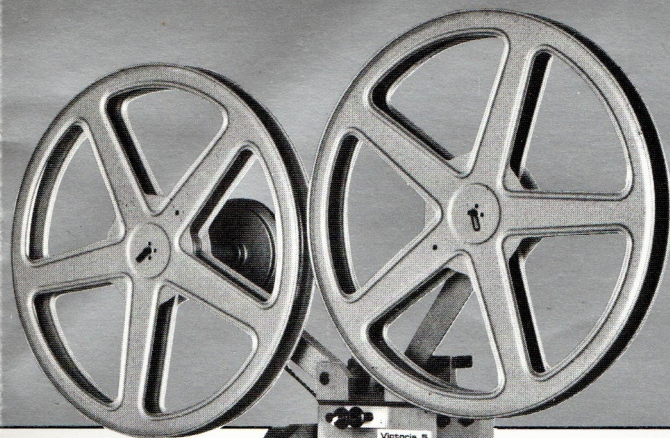
Model illustrated is Victoria 5P with A400 halogen lamphouse with wooden carrying case.

Options

- Single lens holder.
- Anamorphic lens holder.
- Manual lens turret.
- Manual rewind.
- Motorised rewind.
- 400W halogen lamphouse.
- 500W xenon lamphouse.

Weight including lamphouse and amplifier: 97Kg. approx.



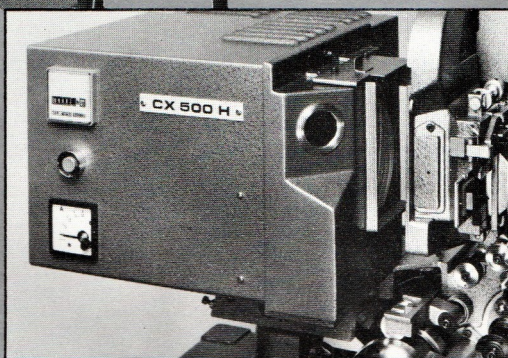


Victoria 5P

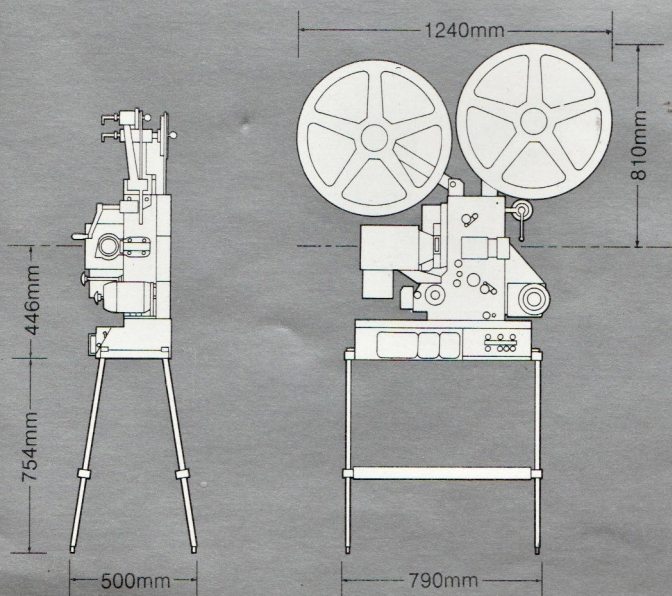
Model illustrated is Victoria 5P with CX500H xenon lamphouse, mounted on a trolley.

Overall height (max): 2072mm.
Length: 1240mm.
Width: 500mm.
Weight (including lamphouse and amplifier): 97Kg.
Lamphouse: A400 model 400W halogen (with built-in transformer). CX500H model 500W horizontal xenon.
Sound system: C/55PT power amplifier with 30W RMS output.
Spool capacity: 1800 metres.

The CX500H horizontal xenon lamphouse which can be supplied as an alternative light source on the Victoria 5P.

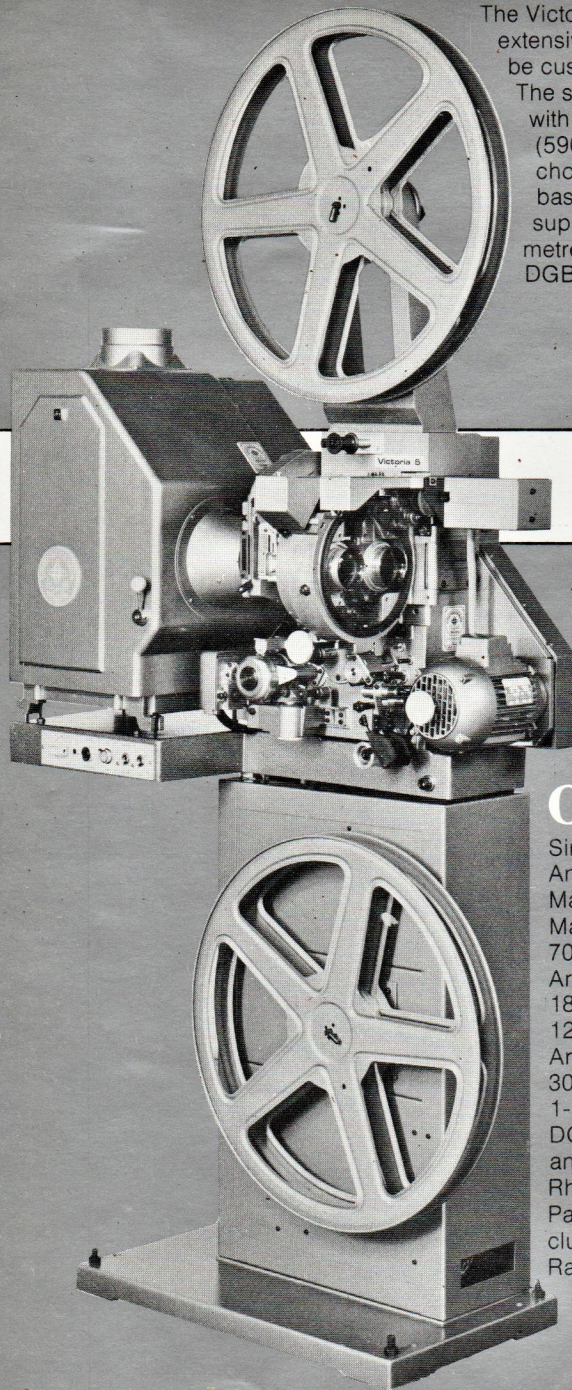


Weight: 85Kg. approx.



The Victoria 5 is a highly flexible projector and an extensive range of options is offered which enable it to be custom tailored.

The standard model features a pressed steel pedestal with provision for up to 14° negative rake; 1800 metre (5900') spool capacity; beams and adaptors to suit a choice of xenon lamphouses, and has a rectangular base with levelling screws. This model can also be supplied with an extended spool capacity of 3000 metres or with arms and rollers for use with a DGB Long Playing Tower.



Victoria 5

The model illustrated here incorporates 1800 arms and clutches; pair of loop absorbers; automatic two-lens turret; remote framing control; optical sound head with magnetic flywheel and oil damper; double-sided film break switch with Mascarini shut-off; framing lamp; 9.2mm diameter spindles; base levelling screws and CX1600 lamphouse.

Options

Single lens holder – 62.5mm or 70.6mm dia.

Anamorphic lens holder.

Manual or automatic 3-lens turret.

Manual or automatic 2-lens turret (both lens holders are 70.6mm dia.).

Arms with no clutches to couple the '5' to a long playing tower. 1800m arm and clutches. Can be supplied with 9mm, 5/16" or 12.7mm spindles.

Arm and clutches (lower weight compensated take-up) for 3000m. Spindles 12.7mm only.

1-phase a.c. exciter lamp power supply.

DC exciter lamp power supply from 3-phase power supply and 1-phase power supply.

Rheostat and ammeter to adjust and read exciter lamp current.

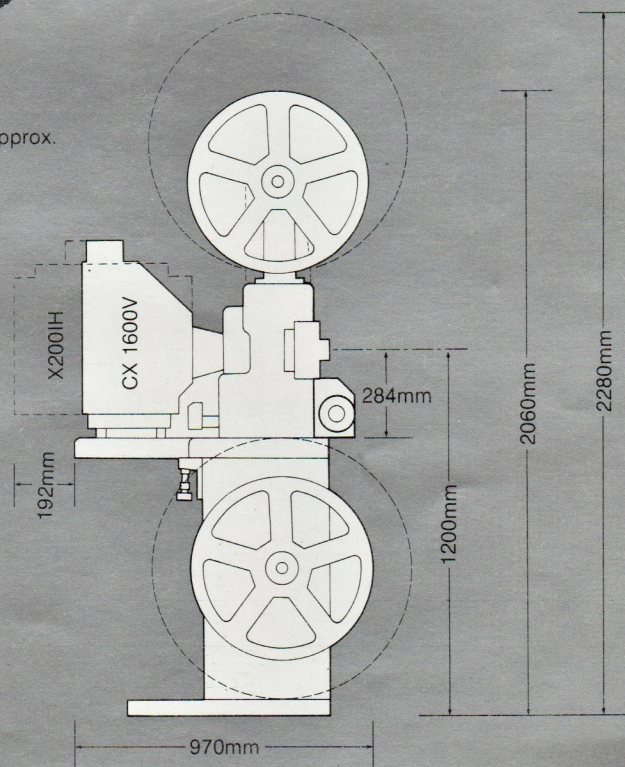
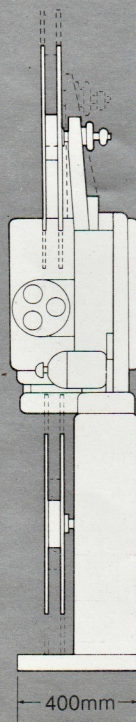
Pair of upper and lower loop absorbers for 3000m arms and clutches.

Radio frequency double signal pick-offs with power supply.

Automation package with start and end of show programmers (mounted in a box).

Remote framing control.

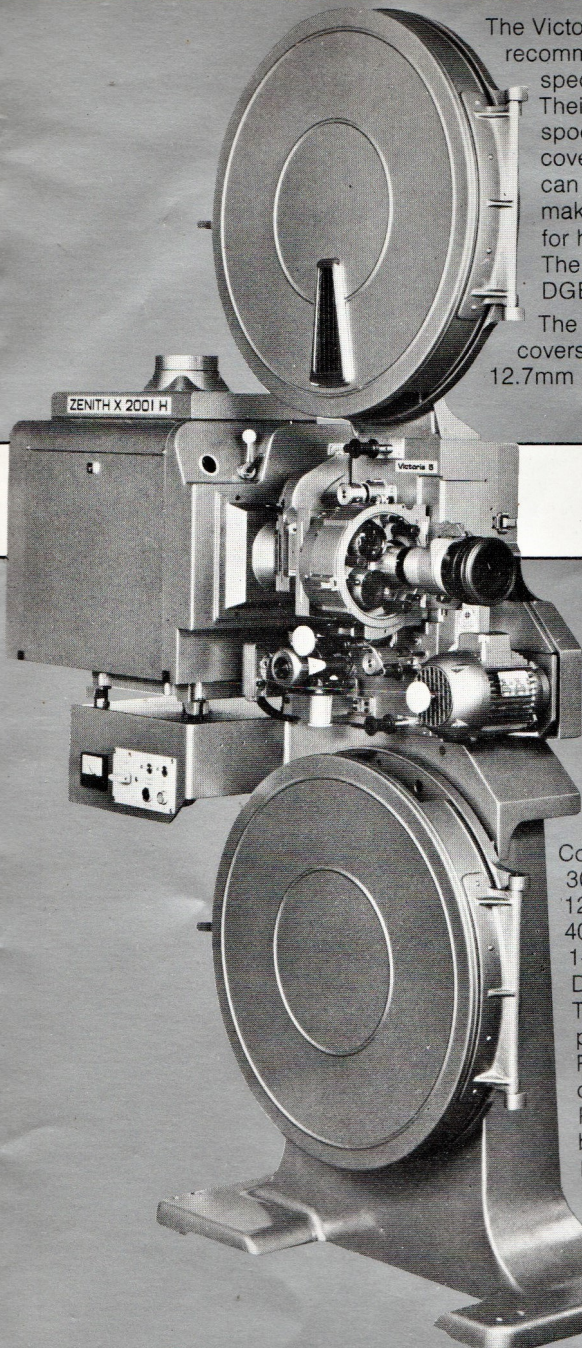
Weight: 97Kg. approx.





The Victoria 5S projectors are advanced specification models recommended for use in larger auditoria or in locations where the special facilities available are appropriate to the installation. Their features include a heavier pedestal stand of cast metal; spool capacity as required up to 4000 metres, with or without covers and a heavy duty lamphouse beam. Film rewind facilities can be incorporated for 3000 or 4000 metre spools as well as a make-up/breakdown device. Water cooling can also be added for high wattage lamphouses. The 5S can also be supplied with arms and rollers for use with a DGB Long Playing Tower.

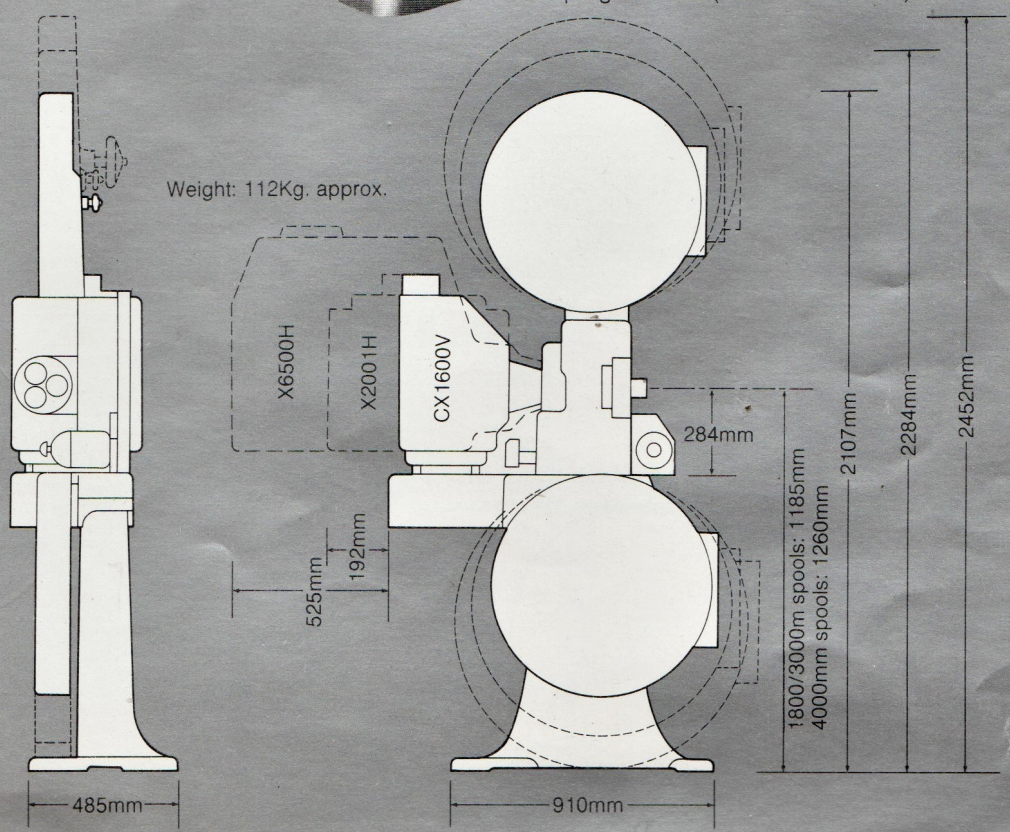
The model illustrated incorporates 1800m spool boxes with covers; manual three-lens turret; framing lamp; Mascarini shut-off; 12.7mm diameter spindles and X2001H lamphouse.



Victoria 5S

Options

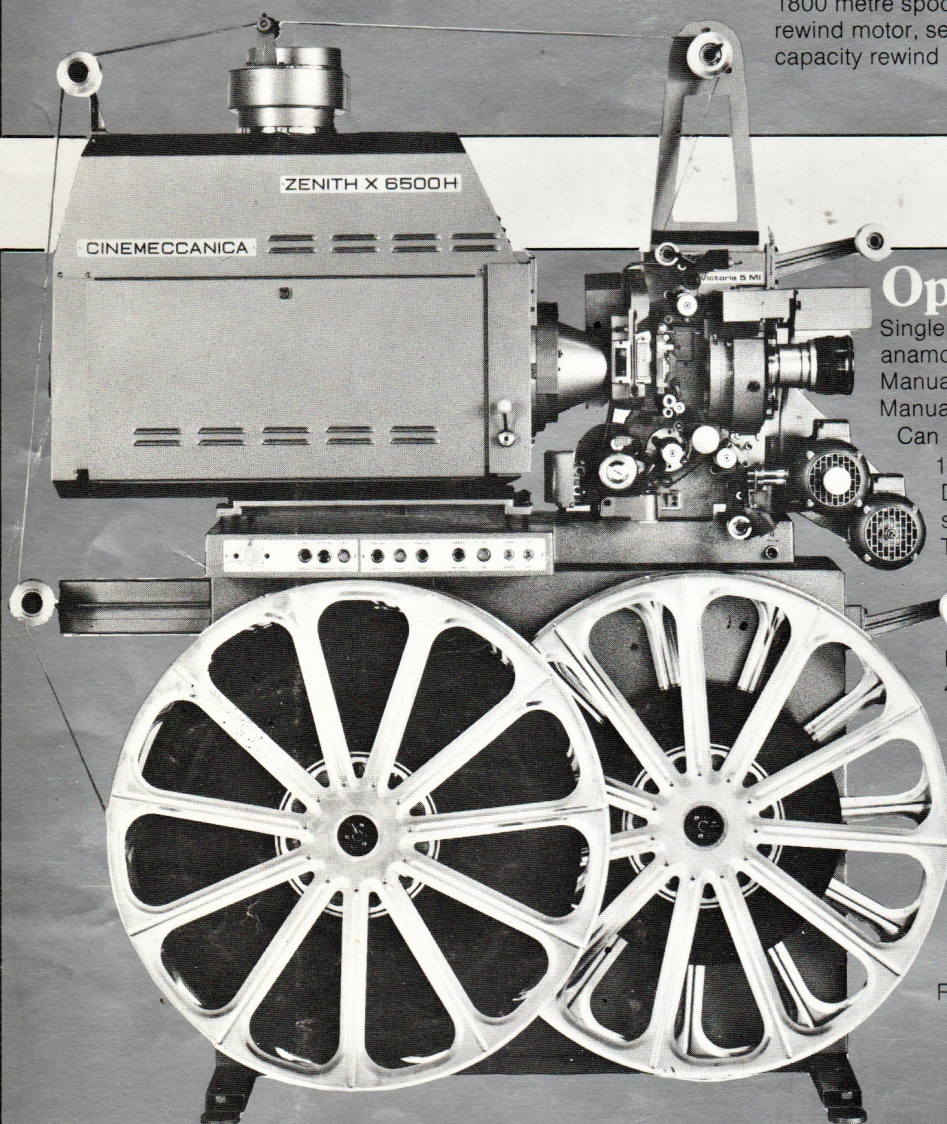
- Single lens holder 62.5mm dia or 70.6mm dia. and anamorphic lens holder. Manual or automatic 3-lens turret. Manual or automatic 2-lens turret. Both lenses 70.6mm dia.
- Arms with no clutches to couple the '5S' to a long-play device.
- 1800m arms with clutches. Can be supplied with 9mm, 5/16" or 12.7mm spindles.
- 1800m back plates with 9mm, 5/16" or 12.7mm spindles. Covers also available.
- 3000m back plates with lower weight compensated clutch. 12.7mm spindles. Covers also available.
- 4000m back plates (same as above). Covers also available.
- 1-phase AC exciter lamp power supply.
- DC exciter lamp power supply from 3-phase power supply.
- Transistorised DC exciter lamp power supply from 1-phase power supply.
- Rheostat and ammeter to adjust and read exciter lamp current.
- Pair of upper and lower loop absorbers for 3000m, 4000m back plates.
- Film make-up/break-down device for 3000m and 4000m back plates only and 600m shipping reels. (Specify 9mm or 5/16" spindles).
- Radio-frequency double signal pick-offs with power supply.
- Automation package with two start/end of show programmers (mounted in a box).





This special version of the Victoria 5 has been designed to incorporate maximum film capacity for use in a limited height space. The 4000 metre spools are bottom mounted for ease of loading and the projector has its own built-in variable speed DC rewind motor so that films can be inspected and a complete programme made-up on the machine. Ideal for use as either a single installation or in pairs, the Victoria 5B/4000 can be supplied with a variety of lamphouses.

As an option, an additional top mounted spool arm for 1800 metre spools can also be fitted. This has its own rewind motor, separate from the main 4000 metre capacity rewind system.

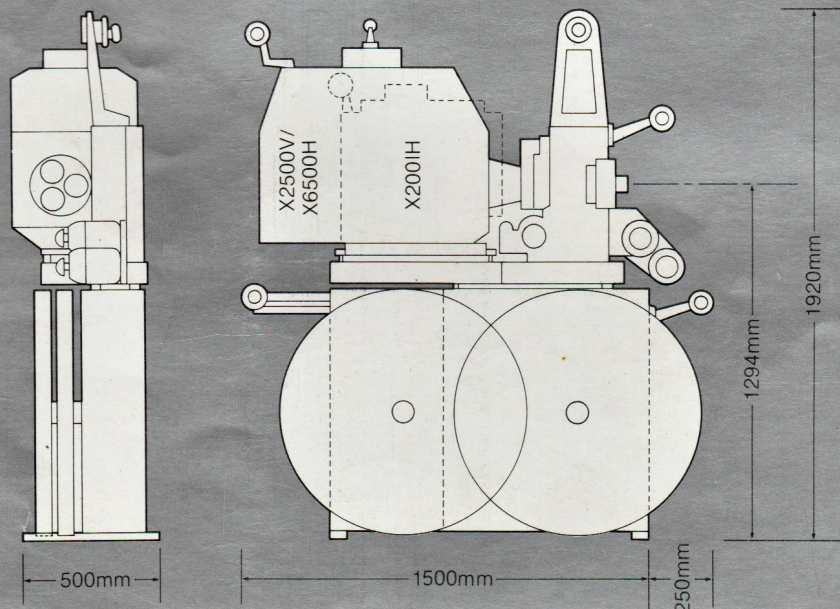


Victoria 5B

Options

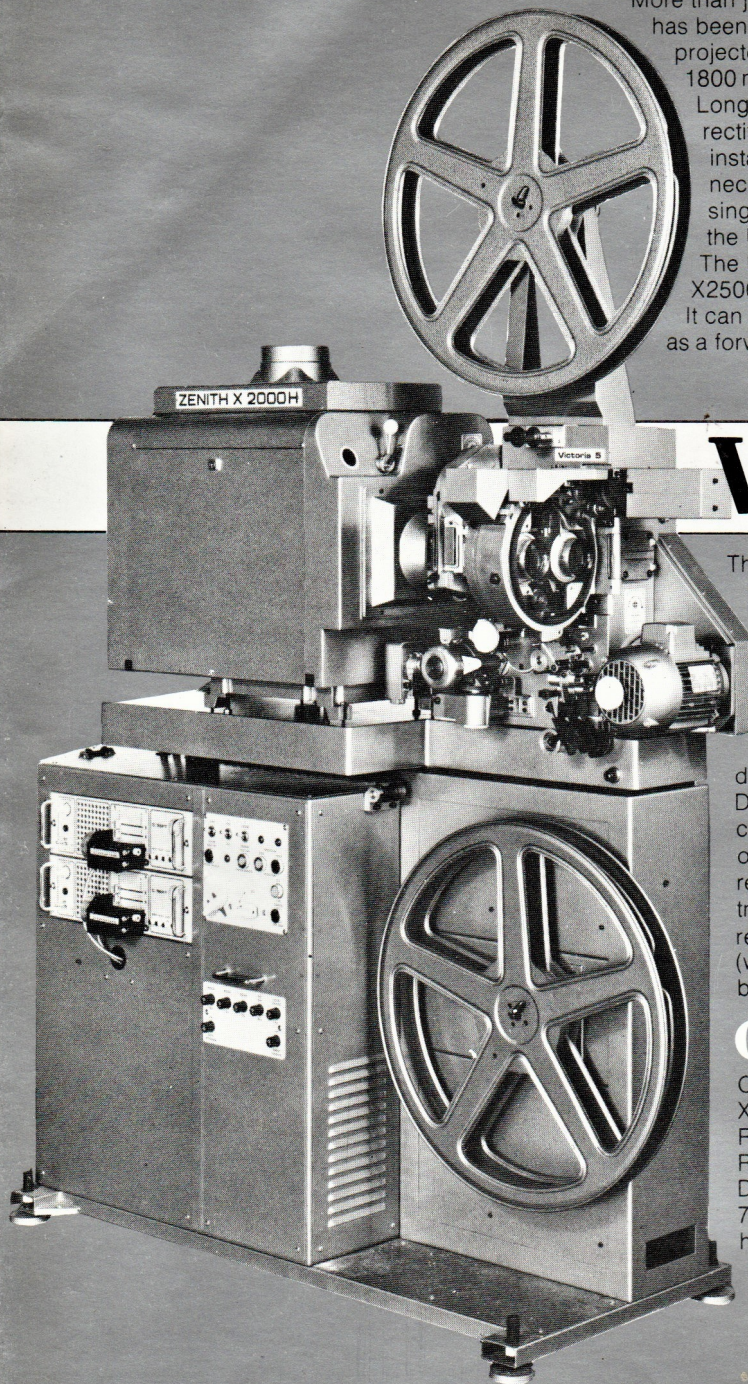
- Single lens holder 62.5mm dia or 70.6mm dia. and anamorphic lens holder.
- Manual or automatic 3-lens turret.
- Manual or automatic 2-lens turret. Both lenses 70.6mm dia.
- Can be supplied with 12.7mm spindles.
- 1-phase AC exciter lamp power supply.
- DC exciter lamp power supply from 3-phase power supply.
- Transistorised DC exciter lamp power supply from 1- phase power supply.
- Rheostat and ammeter to adjust and read exciter lamp current.
- Film make-up/break-down device for 3000m and 4000m back plates only and 600m shipping reels. (Specify 9mm or 5/16" spindles).
- Radio-frequency double signal pick-offs with power supply.
- Automation package with two start/end of show programmers (mounted in a box).
- Beam extender with universal table.
- Optical soundhead with magnetic flywheel and oil damper.
- Remote framing control.
- Water cooling for high light outputs.
- Rewind device with film guide roller.

Weight: 195Kg. approx



More than just a projector, the Victoria 5U (Unibloc) has been developed as a complete compact single projector installation and can be used with either 1800 metre spools or in conjunction with a DGB Long Playing Tower. As the sound system and rectifier are built into the stand and fully prewired, installation is fast and simple. All that is necessary is to connect up 3-phase power, single phase power and the speaker lines – and the Unibloc is ready for operation.

The Unibloc takes either the X2001H or the X2500V lamphouse with bulbs of up to 1600W. It can be fully or partially automated and is available as a forward/reverse or forward only version.



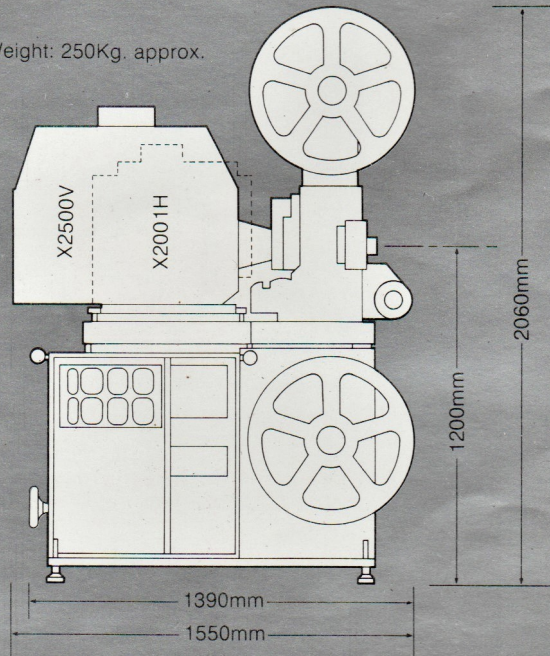
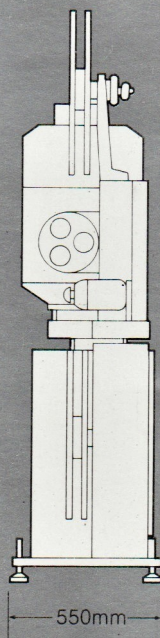
Victoria 5U

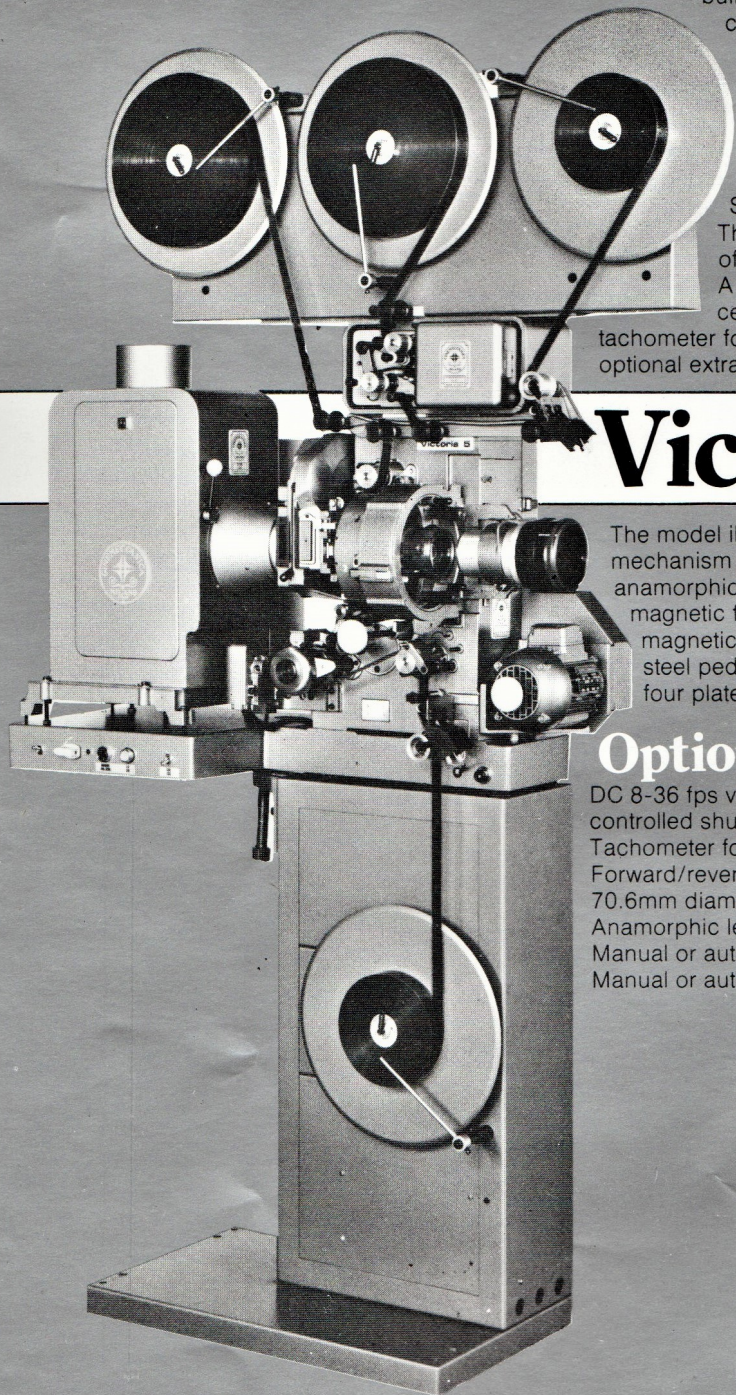
The model illustrated comprises Victoria 5 projector mechanism with 3-phase motor; automatic 2-lens turret; double radio frequency signal pick-off; framing lamp; Mascarini and film break switch; automation package with two start/end of show programmers; base levelling screws; arms for 1800 metre spools (12.7mm diameter spindles); set of take-up rollers for DGB Long Playing Tower; stereo 8-track / cartridge reproducer; optical soundhead with oil damper and magnetic flywheel; 3-phase rectifier for 75 amps; two C/55PT transistorised integrated sound systems with remote control; X2000H xenon lamphouse (with 1600W terminals) and automatic xenon bulb ignition.

Options

- Console with pushbuttons for automation.
- X2001H or X2500V lamphouse.
- Remote control for sound systems.
- Remote framing.
- DGB Long Playing Tower.
- 70.6mm single lens holder with anamorphic holder.
- Manual or automatic 3-lens turret.
- Manual or automatic 2-lens turret.

Weight: 250Kg. approx.





This model is a double band Victoria 5 projector built to full studio specifications, but considerably less expensive than many other models of this type. The 5DB is available as either a forward only or forward/reverse model having the facility for reverse projection with the third sprocket. The optical and magnetic soundheads provide for COMOPT, SEPMAG and COMMAG operation. The four back plates each take 600 metres of film or can be used with shipping spools. A DC 8-36 fps variable speed motor with centrifugally controlled shutter and a tachometer for digital fps indication are available as optional extras.

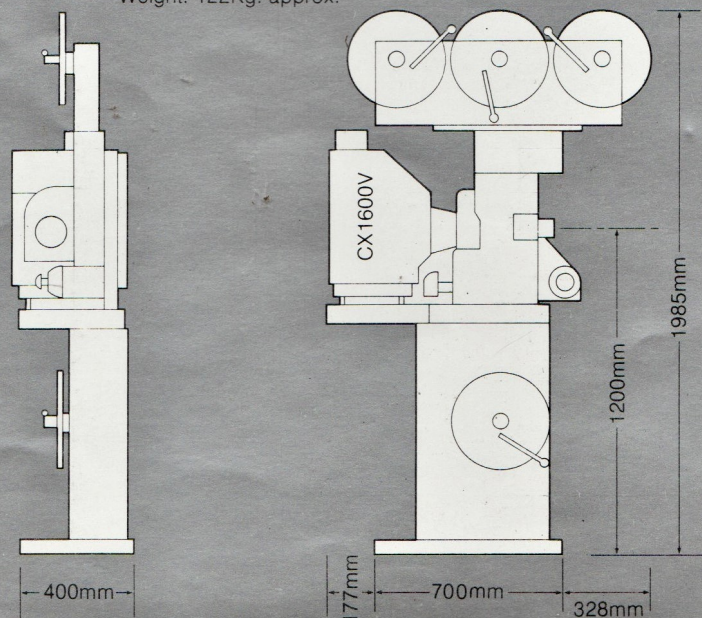
Victoria 5DB

The model illustrated incorporates Victoria 5DB mechanism (forward only); 3-lens manual turret; anamorphic lens holder; optical soundhead with magnetic flywheel and oil damper; type CN magnetic soundhead with 4-track cluster; pressed steel pedestal stand, 3-phase drive motor and four plates for 600m film capacity.

Options

- DC 8-36 fps variable speed motor with centrifugally controlled shutter.
- Tachometer for digital fps indication.
- Forward/reverse or forward only projection.
- 70.6mm diameter single lens holder.
- Anamorphic lens holder.
- Manual or automatic 3-lens turret.
- Manual or automatic 2-lens turret.

Weight: 122Kg. approx.

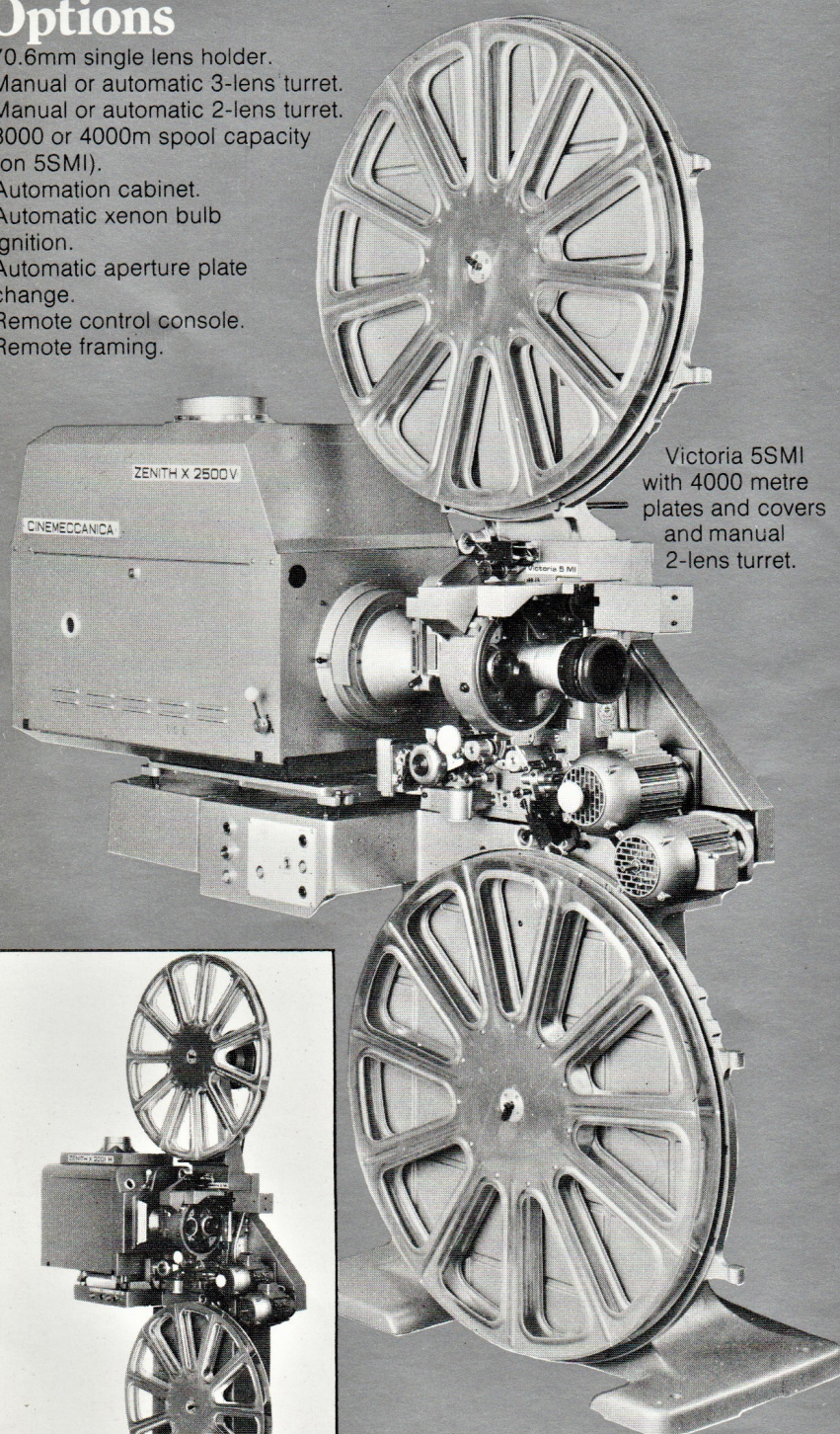


The ideal projector for automated systems, the Victoria 5MI is the forward/reverse version of the Victoria 5 or 5S. Used in pairs in conjunction with a Cinemeccanica automation cabinet which provides automated control of up to 24 projector and auditorium functions including curtain control and dimming house lights etc., this system can be programmed for completely automated operation. While one machine is projecting the other machine rewinds ready for the next show. The 5MI has 3000 metre spool back plates and the 5SMI can have either 3000 or 4000 metre plates, with or without covers. Both models can be supplied with automatic turrets and aperture plate change if required. Two drive motors are fitted for 24 fps forward projection and 30 fps reversing through the gate.

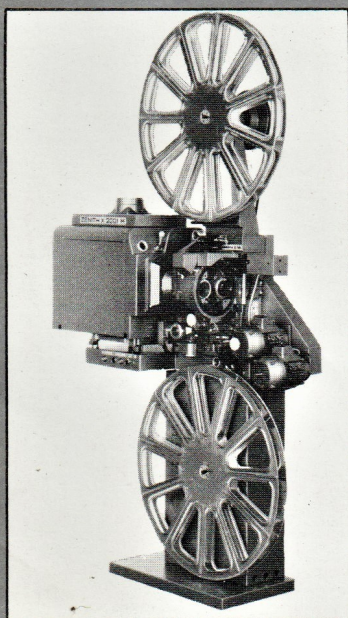
Victoria 5MI

Options

70.6mm single lens holder.
Manual or automatic 3-lens turret.
Manual or automatic 2-lens turret.
3000 or 4000m spool capacity (on 5SMI).
Automation cabinet.
Automatic xenon bulb ignition.
Automatic aperture plate change.
Remote control console.
Remote framing.



Victoria 5SMI with 4000 metre plates and covers and manual 2-lens turret.



Victoria 5MI with 3000 metre back plates; manual 3-lens turret and Zenith X2001H lamphouse.



The Victoria 5 series of 35mm optical sound projectors are the latest models in the reliable and firmly established range designed and built by Cinemeccanica of Milan.

Cinemeccanica's design philosophy is based on the quick and simple interchangeability of components, making it easy to specify a model to precisely suit the location or application.

They are smooth running, almost noiseless machines thanks to the belt driven gear chain with nylon gears where appropriate.

Setting up marks on the projector drive gears make it easy to rephase the projector after changing a component (a component kit can be supplied with each projector).

Maintenance and servicing are reduced to a minimum; they are 'dry' machines without the worries of oil replenishment or seepage, and the intermittent is virtually a sealed oil filled unit.

All the different versions shown in this leaflet share the same basic Series 5 mechanism but have been developed as separate models to suit any type of projection location. And of course, there are all the various permutations of lens assembly, lamphouse and spool capacity.

Versatility *is* Cinemeccanica.

