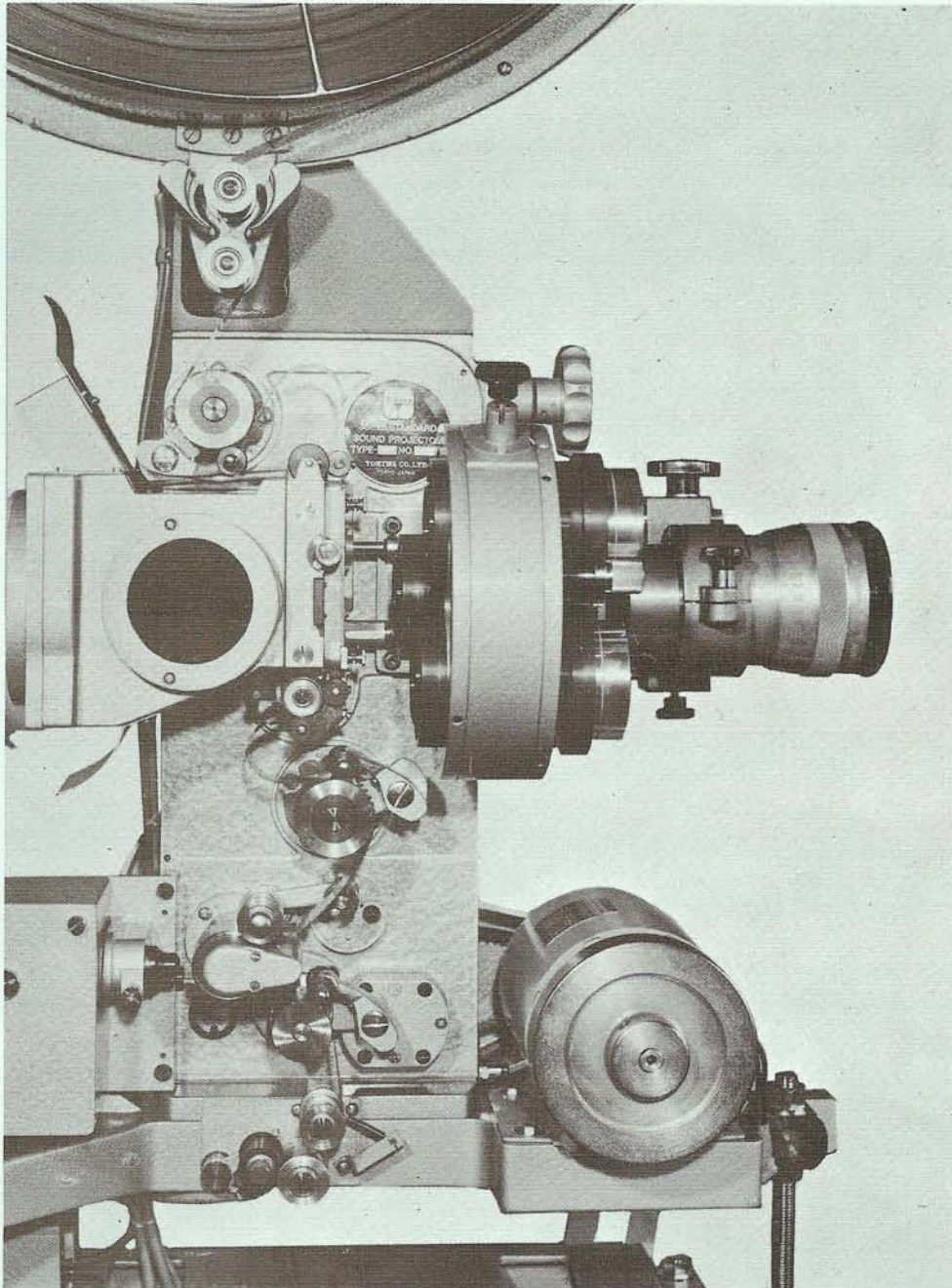


# Tokiwa

**TSR = 35mm SOUND PROJECTOR**

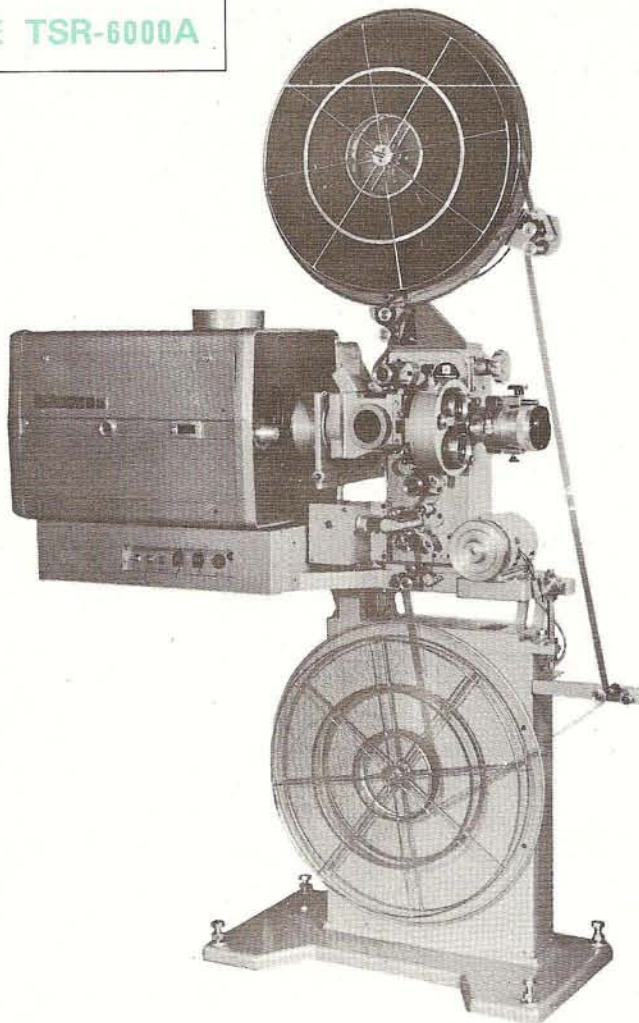


## ■ TSR 35MM SOUND PROJECTOR MECHANISM

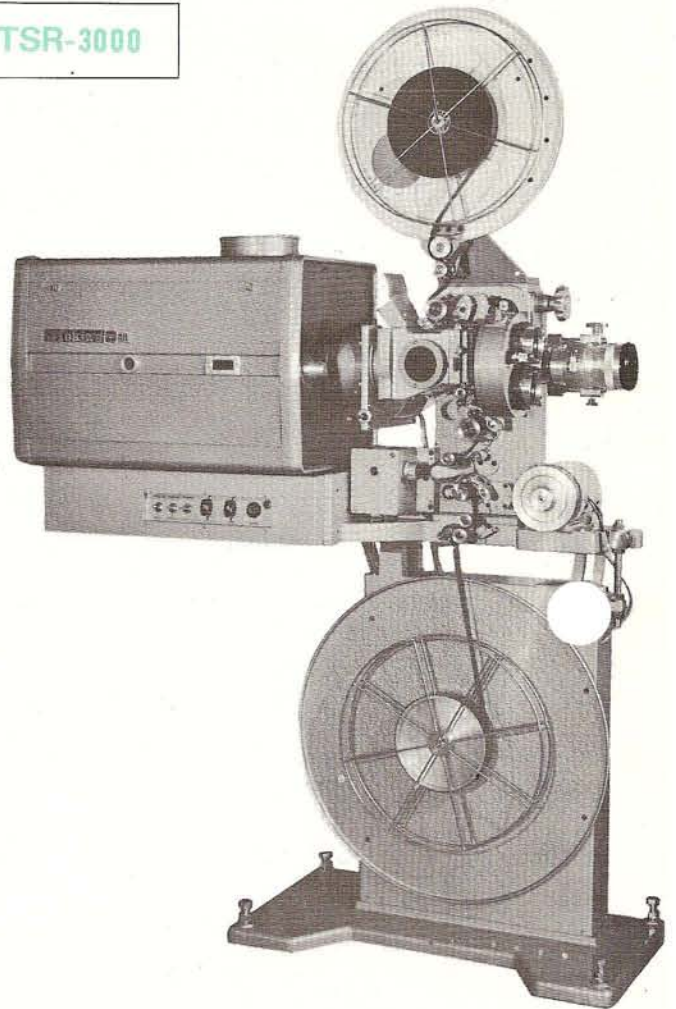
|                 |                      |                 |                                     |
|-----------------|----------------------|-----------------|-------------------------------------|
| Type:           | Cover less type      | Lens holder:    | 3 turret type or 2Auto Turret       |
| Lubrication:    | Self-automatic       | Optical sound:  | Rotary stabilizer                   |
| Cooling system: | Water cooling        | Exciter lamp:   | 10V-5A double system                |
| Framing:        | Intermittent framing | Photo detector: | Solar cell                          |
| Oiling:         | Automatically        | Wow & flutter:  | Less than 0.2%                      |
|                 |                      | Motor:          | 200W vibration proof type induction |

# TOKIWA TSR SERIES 35

TYPE TSR-6000A



TYPE TSR-3000



## ■ TOKIWA TSR-6000A 35MM SOUND PROJECTOR

One(1) complete set consists of below-mentioned items:

- 1) TSR-6000A sound projector mechanism ..... 2  
with — upper magazine & reel (6,000 ft. film capacity) with torque motor,  
— lower magazine & reel (6,000 ft. film capacity) with torque motor,  
— 3 turret or 2-auto turret lens holder  
— motor (200W vibration proof type induction),  
— film re-wind system
- 2) TSR pedestal with control box ..... 2
- 3) TXH xenon lamphouse ..... 2
- 4) SRX thyristor rectifier ..... 2
- 5) Sound system:
  - TSS-50A power amplifier ..... 1
  - TSS-5A exciter power supply ..... 1
  - TSS-1000 cross over network ..... 1
  - TSS-50U high frequency speaker ..... 1
  - TSS-30H low frequency speaker ..... 1
  - TSS-A7 low frequency speaker cabinet ..... 1
  - TSS-8MS monitor speaker ..... 1
- 6) S-6000 film rewinder ..... 1
- 7) Projection lens ..... 2

## ■ TOKIWA TSR-6000B 35MM SOUND PROJECTOR

One(1) complete set consists of below-mentioned items:

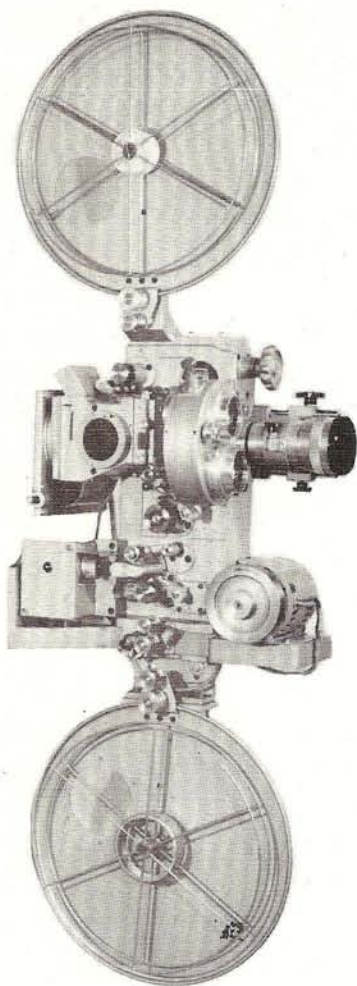
- 1) Same as TOKIWA TSR-6000A 35MM SOUND PROJECTOR, but except upper magazine torque motor and film rewind system ..... 1 complete set

## ■ TOKIWA TSR-3000 35MM SOUND PROJECTOR

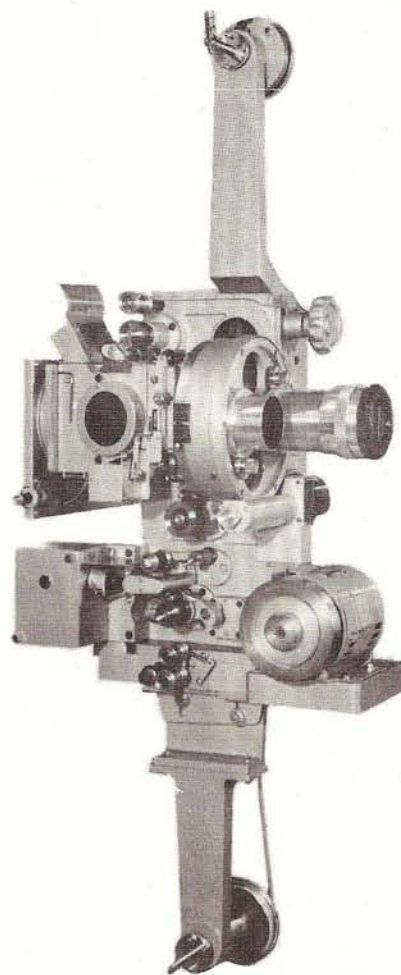
One(1) complete set consists of below-mentioned items:

- 1) TSR-3000 sound projector mechanism ..... 2  
with — upper magazine & reel (3,000 ft. film capacity),  
— lower magazine & reel (3,000 ft. film capacity),  
— 3 turret lens holder,  
— motor (200W vibration proof type induction)
- 2) TSR pedestal with control box ..... 2
- 3) TXH xenon lamphouse ..... 2
- 4) SRX thyristor rectifier ..... 2
- 5) Sound system:
  - TSS-50A power amplifier ..... 1
  - TSS-5A exciter power supply ..... 1
  - TSS-1000 cross over network ..... 1
  - TSS-50U high frequency speaker ..... 1
  - TSS-30H low frequency speaker ..... 1
  - TSS-A7 low frequency speaker cabinet ..... 1
  - TSS-8MS monitor speaker ..... 1
- 6) S-3000 film rewinder ..... 1
- 7) Projection lens ..... 2

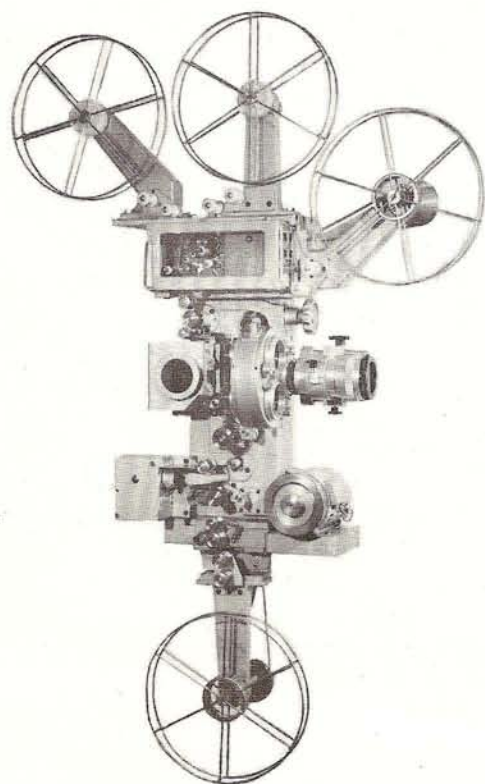
# 5mm SOUND PROJECTOR



↑  
■ TOKIWA TSR-3000 PROJECTION MECHANISM  
WITH 3000FT MAGAZINE



↑  
■ TOKIWA TSR-3000 PROJECTION MECHANISM  
WITH 6000FT REEL ARM



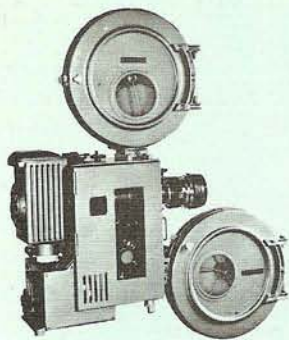
←  
■ TOKIWA TSR-DB 35MM PROJECTION  
MECHANISM WITH MAGNETIC SOUND HEAD  
AND DOUBLE BAND REEL ARMS

**Tokiwa**  
**TSR**

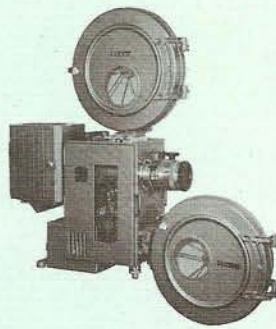
**35mm**  
**SOUND**  
**PROJECTOR**

Specifications subject to change without notice.

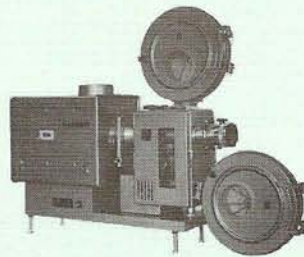
# Tokiwa PROJECTORS



**T-60**  
35mm PORTABLE  
SOUND PROJECTOR



**T60-HALOGEN**  
35mm PORTABLE  
SOUND PROJECTOR



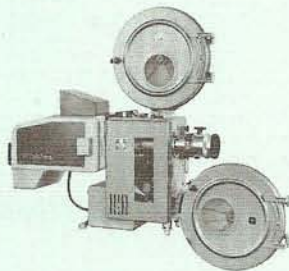
**T-60XL**  
35mm PROJECTOR  
WITH XENON LAMPHOUSE



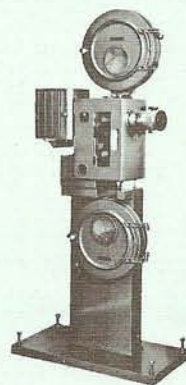
**TSR-XS**  
35mm SOUND PROJECTOR  
WITH XENON LAMPHOUSE



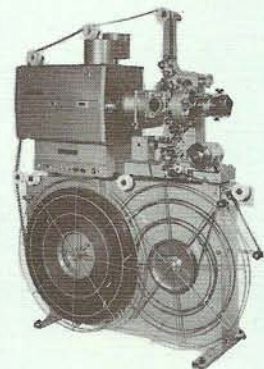
**TSR-DB**  
SOUND PROJECTOR



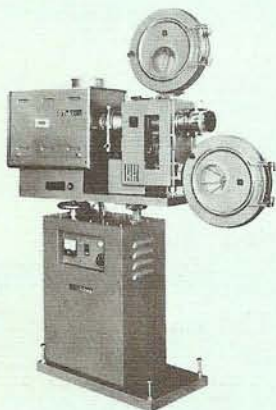
**T60-1000X**  
35mm SOUND PROJECTOR



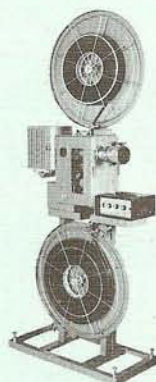
**TP-HALOGEN**  
35mm SOUND PROJECTOR



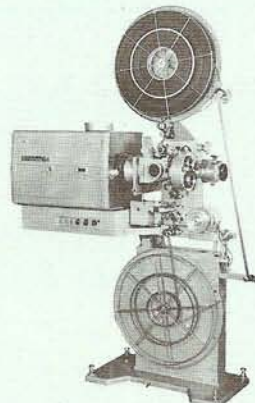
**TSR-12000 LP**  
35mm SOUND PROJECTOR



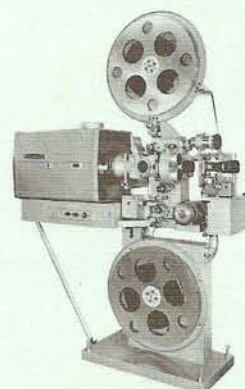
**T-60SXL**  
35mm SOUND PROJECTOR



**T6000-HALOGEN**  
35mm SOUND PROJECTOR  
(6000 ft.)



**TSR-6000-A**  
35mm SOUND PROJECTOR  
(6000 ft.)



**TSR-6000-B**  
16/35mm SOUND PROJECTOR



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