

SEIKI DAYLIGHT TYPE HIGH SPEED OPTICAL PICTURE REDUCTION PRINTER

This is the specially designed high speed picture reduction printer which can make the reduction of B/W as well as any colour film at the speed of 3 to 4 times in comparison with conventional step optical reduction printers, and are obtainable for printing from 35mm to 16mm, 16mm to Super-8 films and other formats at buyer's request.



Model DHP-1 (35mm to 16mm)

FEATURES

1. The movement is the registration-pin type and the picture steadness is excellent.
2. When the machine stops during operation, it has the mechanism to stop instantly at the place of shutter-closing, and is fit to A&B roll printing.
3. Scene to scene density and colour correction can automatically done with the cue system.
4. The machine is designed to enable the immersion printing by attaching the liquid wet applicator and can not only eliminate the scratches on the film but also obtain the superior printing of picture quality, particularly for the colour film.
5. Film movement, Aperture plate, Sprocket assembly and Cue system are easily detachable and exchangeable. It's very convenient to the users to produce different kinds of reduction printed films by exchanging these assemblies.

TECHNICAL DATA

FILM SIZE

Model DHP-1 : 35mm to 16mm

Model HSP-D : 16mm to S8 (1-4 type)

Other formats also available at buyer's request.

FILM CAPACITY

Model DHP-1

35mm side: 1500 feet

16mm side: Separate magazine type

1200 feet or 2000 feet (optional)

Model HSP-D

16mm side: 1200 feet

S8 (1-4 type) : Separate magazine type 1200 feet

SPEED

Model DHP-1 : 24 and 32 frames/sec

Model HSP-D : 32 and 40 frames/sec

PRINTING LAMP

1,000 Watts, Lamp volt-meter

graduated from 60 to 120v. D.C.

Lamp control: Fine adjustment with the rheostat



SEIKI COMPANY, LIMITED

No. 25 7-CHOME, TAKINOGAWA, KITA-KU, TOKYO

COLOR AND DENSITY CONTROL

Scene to scene, full automatic by pocket-film and subtractive system.

COUNTERS

- 1 footage counter
- 1 cue counter
- 1 pocket film carrier counter
- 1 operation time counter

CUE SYSTEM

Notch type: Notch on the edge of the negative film
Proximity switch type: (Radio frequency cuer) -optional

SOLID STATE TIMER

Functioning time of the pocket film carrier can be delayed upto one second at a measure of 0.05 second from the time of notching or proximity switching.

PRINTING LENS

75mm F.4.0 specially designed or
MICRO-NIKKOR 70mm F.5.0 lens

FILM TRIP SWITCH

- 2 Projector side
- 1 Camera side

FILM END AUTOMATIC STOP SWITCH

- 1 Camera side

POCKET FILM CARRIER

Capacity: 200 Pockets
Driven: By the cue system
Pocket size: 34.5mm x 24.5mm

OPTIONAL ACCESSORIES

IMMERSION PRINTING DEVICE

- 1 Dry box mounted on the main body as standard.
- 1 Wet liquid applicator
- 1 Liquid circulation pump

Required power A.C. 100V 50-60Hz.
single phase, 25W.

- 1 Liquid circulation filter

TERVO FAN MOTOR

For immersion printing dry box and pre-filter cooling, with exhaust pipe

Power A.C. 220V, 3 phase 400W, Aq. 400mm.

RECTIFIER

1,000 Watts, 50 or 60Hz, D.C.

FOR PRINTING LAMP

With voltage stabilizer and voltage controller 60V - 120V.

Nominal output tolerance: 1%

Ripple voltage: 1% max.

POCKET FILM PUNCHER

Hole size: 30mm x 21mm

POCKET FILM

25 feet per roll

N.D. AND C.C. GELATIN FILTER

Size: 34mm x 24mm

N.D. Filter: 12 kinds from No. 4 to No. 48

C.C. Filter: C.M and Y each 8 kinds
from No. 3 to No. 50

REQUIREMENTS

POMER REQUIREMENTS FOR OPERATION

A.C. 100~120V, Single phase, 50 or 60 Hz. 500 V.A

PRINTING LAMP

1,000 watts, 100 - 120V. D.C.

TERVO FAN MOTOR

A.C. 220V. 3 phase 50 or 60 Hz. 2A.

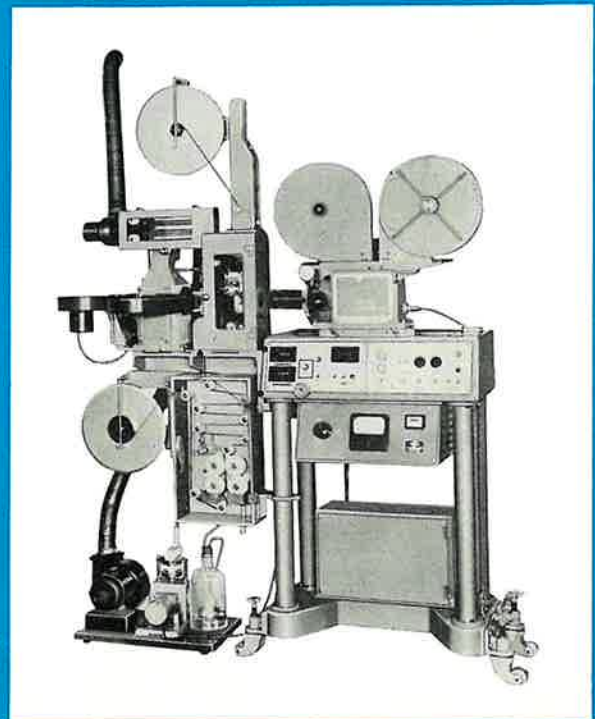
for immersion printing dryer and prefilter cooling.

DIMENSIONS

Overall size (Model DHP-1 and HSP-D)
approx. 1550mm (W) x 2050mm (H) x 650 (D)
without Rectifier and Tervo fan motor.

WEIGHT

Approx. 330 Kg. (Model DHP-1, HSP-D)
without Rectifier and Tervo fan motor.



Model HSP-D (16mm to S8)