

Genny 200

MANUAL CUP MACHINE OPERATING MANUAL 1999 TABLE OF CONTENTS

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SECTION: 1

** SETTING UP **

The GENNY 200 is designed to operate on 9.5 amps at 115 volts (AC current). The machine should be plugged into a separate circuit of its own if possible. GENNY 200 is supplied with a detachable three pronged conductor plug.

DO NOT ATTEMPT TO MODIFY OR ADAPT THE PLUG TO AN INAPPROPRIATE RECEPTACLE ALWAYS UNPLUG THE MACHINE AT THE WALL OUTLET. GOOD VENTILATION IN THE WORK AREA IS ADVISED AND NECESSARY FOR OPERATOR'S SAFETY.

The GENNY 200 is equipped with suction mounting feet on the base. The suction feet work best on a smooth hard surface. It is recommended that the machine be mounted to a work bench. If the GENNY 200 is going to be moved around simply bolt the machine to a plywood base board. This will keep the machine from "walking" while in operation.

FOR SAFETY LOCATE THE GENNY 200 IN AN AREA THAT IS OUT OF REACH OF CHILDREN AND CUSTOMERS

** INSPECTION OF MACHINE **

Your GENNY 200 CUP MACHINE was factory tested before shipping. All electrical and mechanical aspects of the machine have been inspected and tested to factory specifications. Although great care has been taken to insure a safe transit, it is still important to INSPECT THE MACHINE BEFORE OPERATING.

SECTION: 2

** BASIC OPERATION AND CONTROLS **

The GENNY 200 machine is equipped with the following features:

1- MAIN POWER SWITCH and INDICATOR PILOT LIGHT

This front panel mounted toggle switch controls the power going into the machine.

**** NOTE ** IT IS RECOMMENDED THAT THE POWER TO THE MACHINE BE SHUT OFF IF THE MACHINE IS LEFT UNATTENDED.**

2- SOLID STATE HANDS FREE TIMER

The GENNY 200 is equipped with an AUTO-RESETTING TIMER. The timer can be set from 5 seconds up to four (4) minutes. The timer starts when the handle of the machine is lowered. At the end of the time cycle an audible BUZZER will sound. Once the handle is fully raised, the TIMER will reset for the next operation.

3- SOLID STATE TEMPERATURE CONTROL

GENNY 200 has a "quick response" TEMPERATURE CONTROL UNIT. The temperature can be set between room temperature and 500°F.

**** NOTE ****

IT IS STRONGLY RECOMMENDED THAT YOU DO NOT EXCEED 450°F AS THIS WILL AFFECT THE LIFE OF THE FLUROSIL PAD AND WILL VOID WARRANTY.

4- AT HEAT AND HEATING INDICATOR LIGHTS

The "AT HEAT" PILOT LIGHT is located on the front panel. This GREEN LIGHT indicates when the output of the temperature control is OFF (ie: desired temperature setting is reached). When the RED "HEATING" PILOT LIGHT is ON, the temperature setting has fallen below the desired setting and the heater is calling for heat.

**** NOTE **** IT IS COMMON THAT THE "HEATING" AND "AT HEAT" PILOT LIGHT FLASH BACK AND FORTH WHEN THE SET TEMPERATURE HAS BEEN REACHED. THIS IS DUE TO THE TEMPERATURE CONTROL FINELY TUNING THE DESIRED TEMPERATURE SETTING.

5- ADJUSTABLE PRESSURE

The PRESSURE ADJUSTING SCREW is located on the top rear of the machine. To adjust the pressure simply turn the screw towards the "+" or "-" direction.

**** NOTE **** PRESSURE SHOULD BE ADJUSTED SO THAT THE MUG CAN FREELY SLIDE INTO THE HEATER BAND.

It may be necessary to lift and close the handle while adjusting the pressure. This can be done with a mug in the press and the handle in the "UP" position. It will be difficult to adjust the pressure with the handle in the locked position.

Comments for ease of use: When inserting the mug, to insure that the transfer will not be ripped, push handle of mug to the back of the mug slot on machine before clamping. This will keep mug from rotating forward when handle is clamped.

**** NOTE **** SLIGHT ADJUSTMENTS MAY BE NECESSARY TO ACCOMMODATE VARIATIONS IN CUP DIAMETERS. WITH PRACTICE THIS WILL BECOME SECOND NATURE.

6- INTAKE COOLING FAN

To insure the life of the internal components, the GENNY 200 has an INTAKE COOLING FAN.

IT IS IMPORTANT TO LOCATE THE MACHINE IN AN AREA THAT WILL NOT BLOCK AIR FLOW.

7- TIMER ACTIVATED INDICATOR LIGHT

The GREEN PILOT LIGHT is located on the front panel. When lighted, this indicates to the operator that the TIMER has started.

8- POWER CORD

Six (6) foot POWER CORD with three-pronged safety plug.

9- FLUROSIL PAD

Specially formulated silicone compound that allows heat to transfer from the HEATER to the cup while at the same time providing a soft cushion that will conform to the variable shapes within each cup. To extend the life of the FLUROSIL PAD it is recommended that temperature settings DO NOT EXCEED 450°F. Operation above this temperature will result in premature aging of synthetic cushion and cause more frequent replacement as well as potentially voiding the warranty.

10- PRESSURE ADJUSTMENT ASSEMBLY

Compound linkage creates tremendous external pressure on the cup without necessarily requiring excessive pressure on the handle. Applying extremely heavy pressure may damage the internal linkage system and possibly void the warranty.

**** NOTE **** ALWAYS UNPLUG THE MACHINE AT THE WALL OUTLET WHEN MAKING REPAIRS ON THE MACHINE.

SECTION: 3

** BASIC SETTINGS **

This section deals with some of the STANDARD SETTINGS for your GENNY 200 CUP MACHINE. The following TEMPERATURE and TIMER SETTINGS should be used as a guideline ONLY. CONSULT TRANSFER MANUFACTURER AND CUP SUPPLIER FOR FURTHER INFORMATION.

NOTE: ALWAYS use high temperature heat tape to tightly tape the transfer to the mug. This will prevent sliding, wrinkling, and ghosting of the transfer while being pressed. Tape a small ¼" square piece on each side of the transfer and place it on the mug image side down. Be sure that the paper is tight against the mug with no dust or space in between.

IMAGE STYLE: PROCESS & DYE SUBLIMATION

PRODUCED BY: FARGO PRIMERA, FOTO-FUN, PICTURA
SEIKO COLORPOINT SERIES
(4) COLOR OFFSET PRESS
THREE (3) COLOR RIBBON PRINTER
LASER PRINTER
PRE-PRINT
FOUR (4) COLOR PROCESS PRE-PRINT

DESCRIPTION: Most of these style images have a "paper- like" backing to them. They are generally the easiest SUBLIMATION IMAGE to transfer onto a coated cup.

MACHINE SETTINGS:

TEMPERATURE	400-435 F
TIME	3½ MIN.
PRESSURE	MED-HIGH

IN GENERAL: IF THE IMAGE IS LIGHT, INCREASE THE TIME . IF THE TIME GETS TOO LONG, INCREASE THE TEMP. IF THE MUG LOOKS BURNT, DECREASE THE TIME.

** NOTE ** SOME PRE-PRINTED TRANSFERS HAVE A HEAVY LAYER OF SUBLIMATION INK. THIS INK MAY BLEED THROUGH THE PAPER AND TRANSFER ON TO THE INNER HEATER PAD. TO PREVENT THIS FROM OCCURRING, USE A PIECE OF PROTECTION PAPER OR A TEFLON SHEET.

IMAGE STYLE: LOW TEMPERATURE VIDEO PRINTER AND FILMS

PRODUCED BY: HITACHI VY-15
HITACHI VY-170
HITACHI VY-200
SHARP VIDEO PRINTER
POLAROID TX-1500

DESCRIPTION: The HITACHI VIDEO PRINTERS make a photo quality video image. However this type of transfer is very difficult to sublimate. The INKS AND TRANSFER/CARRIER PAPER used in this process are very different from a "standard" processed SUBLIMATION TRANSFER. The carrier paper is a made from a plastic-like material. Because of this style of backing, a HIGH PRESSURE SETTING on the press is necessary. It is common to SCRAPE the image while it is on a heated mug to remove AIR BUBBLES that get trapped in the film.

CHECK WITH YOUR VIDEO PRINTER SUPPLIER FOR PROPER APPLICATION INSTRUCTIONS.

MACHINE SETTINGS:

TEMPERATURE	390 - 410 F
TIME	3½ MIN.
PRESSURE	HIGH

**** NOTE **** Low temperature video print images generally require longer transfer times at lower Temperatures. It maybe necessary to **SCRAPE** the images several times to insure proper image transfer.

**** NOTE **** IF AREAS OF THE PRINT ARE SPOTTY OR APPEAR NOT TO TRANSFER, WE RECOMMEND USING THE TEFLON SHEET SUPPLIED WITH THE MACHINE. USING THE TEFLON SHEET WILL ALLOW YOU TO INCREASE THE PRESSURE OF THE MACHINE. THE TEFLON ALSO HELPS THE HEATER PAD IN MAKING BETTER CONTACT WITH DEFECTIVE AREAS OF THE MUG. CERTAIN THICK TRANSFER PAPERS MUST ALSO BE SCRAPED IN THE MIDDLE OF THE PRESSING PROCESS TO SQUEEZE OUT THE AIR POCKETS CAUSED BY THE PAPER THAT PRODUCE LIGHT SPOTS.

SECTION: 4

SERVICE DATA

Always **DISCONNECT** the **POWER CORD** at the outlet before performing any service on the machine. When ordering a replacement part, please provide Customer Service with:

- (1) MACHINE MODEL NUMBER
- (2) SERIAL NUMBER OF MACHINE
- (3) DATE OF PURCHASE

When ordering parts, always save fasteners (hardware) and connectors since the replacement part may not include these items.

**** IMPORTANT ** : Those who choose to repair their own machine do so at their own risk and face possible warranty invalidation.** Please fill out warranty card and return to manufacturer. **CUSTOMER SERVICE CENTER (800) 525-6766**

Geo KNIGHT & Co - LIMITED WARRANTY

Geo Knight & Co warrants that its heat transfer machines are free from defects in both material and workmanship for one (1) year from the date of invoice to the buyer, except the heating element which Geo Knight & Co warrants for a full (3) years. If any part or workmanship are found to be defective in manufacture, Geo Knight & Co will repair or replace the defective parts or workmanship. This limited one (1) year (3 years for heating element) warranty covers all parts and labor to repair the defects, except when damage results from accident, alteration, misuse or abuse, or when machine has been improperly installed, or modified in any way. If a machine becomes defective during the limited warranty period of one year (3 years for heating element), Geo Knight & Co reserves the right to recall the defective machine to the factory for repairs. A RETURN AUTHORIZATION must be granted by Geo Knight & Co prior to its return. If a machine covered by the limited warranty must be returned to the factory for repairs, Geo Knight & Co shall make every effort to repair buyers machine. However, Geo Knight & Co reserves the exclusive right to determine whether to repair or replace a defective machine. If Geo Knight & Co authorizes a replacement machine, the warranty of the replacement machine shall expire on the anniversary date of the original machines invoice to the buyer.

THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF: SELLER DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY AND/OR ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND BUYER AGREES THAT THE GOODS ARE SOLD "AS IS".

REPLACEMENT PARTS

REPLACEMENT PARTS are sold to the customer with a thirty (30) day warranty (beginning at invoice date). Since Geo Knight & Co (the "COMPANY") has no guarantee that parts have been correctly installed by the Customer or that other deteriorating components might also affect the life & performance of replaced parts, there is no liability assumed by the COMPANY beyond the thirty (30) day warranty period. Those who choose to repair their own machine do so at their own risk! Geo Knight & Co is not liable for damages due to or as a result of repair work done by the Customer. REPLACEMENT ASSEMBLIES are sold to the Customer with a sixty (60) day warranty (beginning at invoice date). The COMPANY supplies a complete subassembly and is responsible for its performance for sixty days. HEATER BLOCK CASTINGS are sold with a Limited Lifetime Warranty. This warranty applies ONLY to the original owner of the machine. Original ownership is determined from the records of Geo Knight & Co by means of the machines model & serial number both of which MUST be supplied by the Customer.

REPAIR WARRANTY

REPAIR WARRANTY REPAIR WORK performed by Geo Knight & Co is warranted for ninety (90) days from the date of invoice and covers ONLY the specific area of concern identified by either the Customer or Geo Knight & Co.

EXCHANGE WARRANTY

EXCHANGE WARRANTY implies that a machine is within the one (1) year Limited Warranty. Any work performed or parts exchanged is done at No Charge to the Customer. Geo Knight & Co will pay for return freight ONLY via UPS Ground Service or LTD Trucking Charges. Premium freight service is the responsibility of and at the discretion of the Customer. Exchange Warranty of parts & repair is warranted for 30 (thirty) days past the warranty date of the ORIGINAL machine.