

CHAPTER 6 MONITOR

INTRODUCTION The Monitor function allows for the setting of the following functions:

- Log On
- Host Comms
- Clear Batch
- Batch Limit
- Perform Display
- Event Display
- System Disable

To access the monitor functions proceed as follows:

Select the **Monitor** button from the run menu.

Run	Head	Paste Load	Clean Screen	Adjust	Setup	Monitor	Maint.
-----	------	------------	--------------	--------	-------	----------------	--------

The menu bar displays the following options:

Log On	Host Comms	Clear Batch	Batch Limit	Perform Display	Event Display	System Disable	Exit
--------	------------	-------------	-------------	-----------------	---------------	----------------	------

LOG ON/OFF

Log On

This function identifies the user of the machine. To log on to the machine proceed as follows:

1. Select **Log On** (F1).

Log On	Host Comms	Clear Batch	Batch Limit	Perform Display	Event Display	System Disable	Exit
---------------	------------	-------------	-------------	-----------------	---------------	----------------	------

The Operator Log On window is displayed as follows:

Operator Log On
Enter Operator ID :

2. Using the keyboard enter the operator's name/ID and press **Enter**, the operator's name/ID appears on the status page.
3. Select **Exit** (F8).

Log Off	Host Comms	Clear Batch	Batch Limit	Perform Display	Event Display	System Disable	Exit
---------	------------	-------------	-------------	-----------------	---------------	----------------	-------------

Log Off

To log off from the machine proceed as follows:

1. Select **Log Off** (F1).

Log Off	Host Comms	Clear Batch	Batch Limit	Perform Display	Event Display	System Disable	Exit
----------------	------------	-------------	-------------	-----------------	---------------	----------------	------

2. The operator's name/ID is removed from the status page and the menu bar changes to the following:

Log On	Host Comms	Clear Batch	Batch Limit	Perform Display	Event Display	System Disable	Exit
--------	------------	-------------	-------------	-----------------	---------------	----------------	------

HOST COMMS

For information on the Host Comms function see the Host Communications Chapter.

CLEAR BATCH Allows the user to reset cycle time, batch count, board count and throughput information on the status page. To reset the batch proceed as follows:

1. Press **Monitor** (F7).

Run	Head	Paste Load	Clean Screen	Adjust	Setup	Monitor	Maint.
-----	------	------------	--------------	--------	-------	----------------	--------

2. Press **Clear Batch** (F3).

Log On	Host Comms	Clear Batch	Batch Limit	Perform Display	Event Display	System Disable	Exit
--------	------------	--------------------	-------------	-----------------	---------------	----------------	------

3. Press **Exit** (F8).

Log On	Host Comms	Clear Batch	Batch Limit	Perform Display	Event Display	System Disable	Exit
--------	------------	-------------	-------------	-----------------	---------------	----------------	-------------

BATCH LIMIT

To set the batch limit proceed as follows:

1. Select **Batch Limit** (F4).

Log On	Host Comms	Clear Batch	Batch Limit	Perform Display	Event Display	System Disable	Exit
--------	------------	-------------	--------------------	-----------------	---------------	----------------	------

The Batch Count Limit window is displayed as follows:

Batch Count Limit	
BATCH LIMIT	0

2. Using the **Incr.** (F6) and **Decr.** (F7) keys as required set the batch limit.

					Incr.	Decr.	Exit
--	--	--	--	--	--------------	--------------	------

3. Select **Exit** (F8).

					Incr.	Decr.	Exit
--	--	--	--	--	-------	-------	-------------

PERFORM DISPLAY

Displays machine performance information from the MANINF.DAT file in a tabular format. To view the performance information proceed as follows:

1. Select **Perform Display** (F5).

Log On	Host Comms	Clear Batch	Batch Limit	Perform Display	Event Display	System Disable	Exit
--------	------------	-------------	-------------	------------------------	---------------	----------------	------

The Performance Information window is displayed as follows:

Performance Information			
Current Status	: Wait		
	Batch	Session	Total
Board Count	0	0	1786
Start Time	09:17:54	09:15:54	
Wait Time	0:00:00	0:00:00	2:14:24
Run Time	0:00:00	0:00:00	18:43:41
Setup Time	0:00:00	0:00:00	0:31:32
Down Time	0:00:00	0:00:00	22:07:46
Recovery Time	0:00:00	0:01:37	0:26:05
Maintenance Time	0:00:00	0:01:32	22:10:19

2. Select **Exit** (F8).

							Exit
--	--	--	--	--	--	--	-------------

Performance Data Definitions

The following table lists the data definitions contained in the MANINF.DAT file displayed in the Performance Information window.

Data	Definition
Batch Data	Data accumulated since a new product was loaded or the Batch Count was reset.
Session Data	Data accumulated from either Power Up of the machine or Log On of a new operator.
Total Data	Data accumulated since the MANINF.DAT file was deleted. <i>NOTE</i> <i>MANINF.DAT file is overwritten during ghosting of software.</i>
Board Count	The number of boards printed in a defined period.
Start Time	The time at which a defined period commenced, displayed in a 24 hour clock.
Wait Time	The elapsed time during a defined period that was spent in a ready state waiting for a command, or in a run state waiting for a board transfer.
Run Time	The elapsed time during a defined period that was spent printing boards in either Single or Auto modes.
Setup Time	The elapsed time during a defined period that was spent in screen changing, change tooling, program editing and running in Step mode
Down Time	The elapsed time during a defined period that was spent between an error occurrence and the machine being ready to continue.

Data	Definition
Recovery Time	The elapsed time during a defined period that was spent running initialization or error recovery routines. This time is also included in Down Time.
Maintenance Time	The elapsed time during a defined period that was spent running maintenance or diagnostic routines.

EVENT DISPLAY Displays the machine event record in a tabular format. To view the event record proceed as follows:

1. Select **Event Display** (F6).

Log On	Host Comms	Clear Batch	Batch Limit	Perform Display	Event Display	System Disable	Exit
--------	------------	-------------	-------------	-----------------	----------------------	----------------	------

The Event Record window is displayed as follows:

Event Record			
Date	Time		Event
05/09/97	11:08:58	31252	Line Power Off
05/09/97	11:11:02	31251	Line Power On
05/09/97	11:11:37	31259	Paste Cartridge empty
05/09/97	11:13:31	31269	Screen Loaded
05/09/97	11:13:52	31255	Printer Ready
05/09/97	11:14:36	31273	Clear Batch Count
05/09/97	11:16:12	31275	Cover Closed
05/09/97	11:16:45	31279	Setup Ended
05/09/97	11:17:01	31281	System Power On
05/09/97	11:17:59	31289	Clear Batch Count

2. Select **Latest** (F1) to access latest machine events.
Select **Next** (F4) to access later machine events.
Select **Previous** (F5) to access earlier machine events.

Latest			Next	Previous			Exit
---------------	--	--	-------------	-----------------	--	--	------

3. Select **Exit** (F8).

Latest			Next	Previous			Exit
--------	--	--	------	----------	--	--	-------------

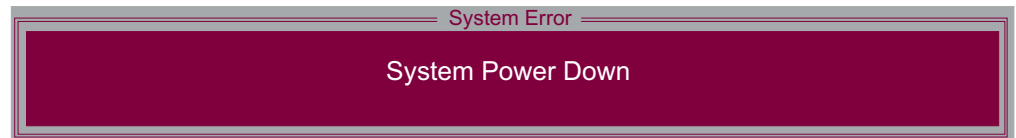
SYSTEM DISABLE

To disable the system software proceed as follows:

1. Select **System Disable** (F7).

Log On	Host Comms	Clear Batch	Batch Limit	Perform Display	Event Display	System Disable	Exit
--------	------------	-------------	-------------	-----------------	---------------	-----------------------	------

The System Error window is displayed as follows:



2. Press the **System** button to re-initiate the system.

