

# Illustrated Parts List

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The Illustrated Part List (IPL) contains the illustrations and the parts lists for the different assemblies in the printer. The parts lists give the part numbers, description and quantity of all the items and the modules in the printer. You can order the items and the modules for which the part numbers are given.

## How to Read the IPL

This section describes how the higher assemblies are broken down to their related subassemblies and other separate parts.

### Illustrations

Table 8-1 shows the symbols used to indicate the different levels of main assemblies in a printer, and the subassemblies under the main assembly.

Assembly	Symbol
Main Assembly	
Subassembly 1	

Table 8-1: Symbols Representation - Assemblies

→ The arrow indicates further explosion of the main assembly.

## Controller Assembly

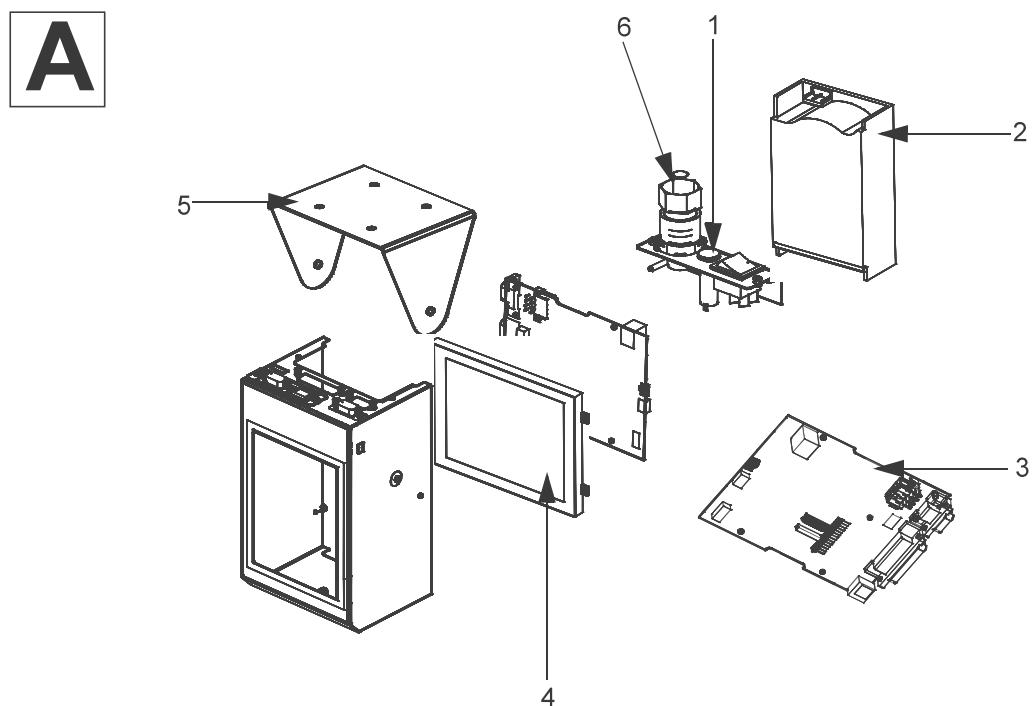


Figure 8-2: Controller Assembly

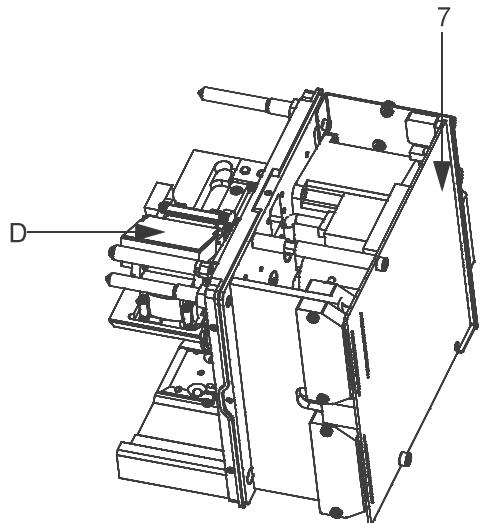
Table 8-3 lists the parts of the controller assembly.

Item Number	P/N	Description	Qty
<b>A</b>		<b>Controller Assembly</b> (Refer to Figure 8-2)	
1	400885	Thermal Coder Fuse Kit	Set of 10
2	403348	Power Supply Unit	1
3	403345	Processor PCB	1
4	403344	LCD Touchscreen	1
5	403183	Controller Mounting Yoke Kit	1
6	402793	Thermal Printer Mains Lead Assembly	1

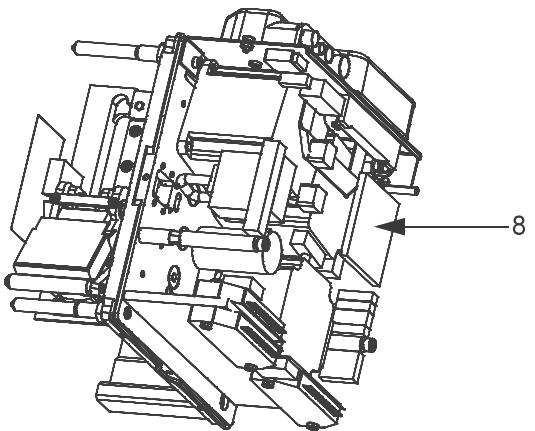
Table 8-3: Controller Assembly - Parts List

## Printer Assembly

**B**



Printer Assembly with PCB



Printer Assembly without PCB

Figure 8-3: Printer Assembly

## Printhead Assembly

**D**

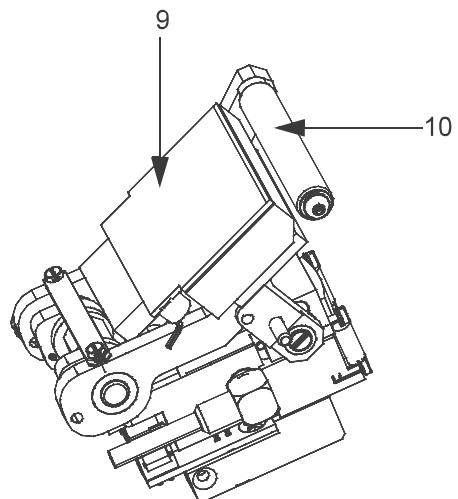


Figure 8-4: Printhead Assembly

Table 8-4 lists the parts of the printer assembly.

Item Number	P/N	Description	Qty
<b>B</b>		<b>Printer Assembly</b> (Refer to Figure 8-3 on page 8-5)	
7	403332	Videojet 6210 Thermal Printer PCB	1
8	403339	Thermal Printer 128mb Flash Card	1
<b>D</b>		<b>Printhead Assembly</b> (Refer to Figure 8-4 on page 8-5)	
9	403325	Thermal Printhead	1
10	403324	Peel Roller	5 off

Table 8-4: Parts of Printer Assembly

## Cassette Assembly

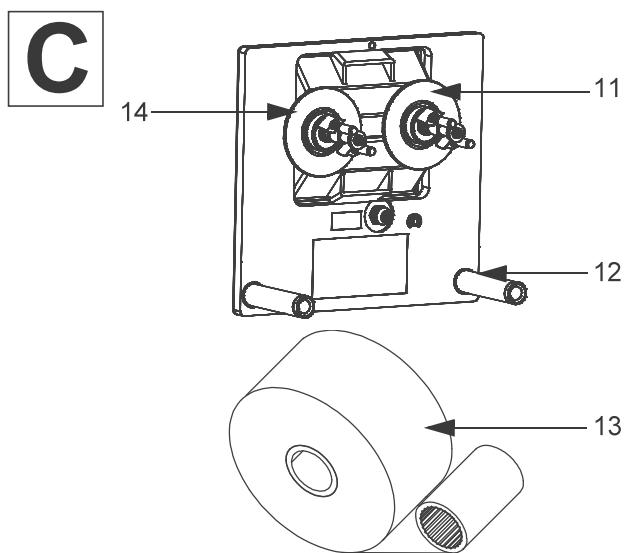


Figure 8-5: Cassette Assembly

Table 8-5 lists the parts of the cassette assembly.

Item Number	P/N	Description	Qty
<b>C</b>		<b>Cassette Assembly</b> (Refer to Figure 8-5)	
11	403327	Silver Disc - Pack	5 off
12	403323	53mm Cassette Roller	Set of 6
13		Print Ribbon (Refer to Table 8-7 on page 8-9 for details)	
14	403326	Black Disc - Pack	5 off

Table 8-5: Parts of Cassette Assembly

## Accessories

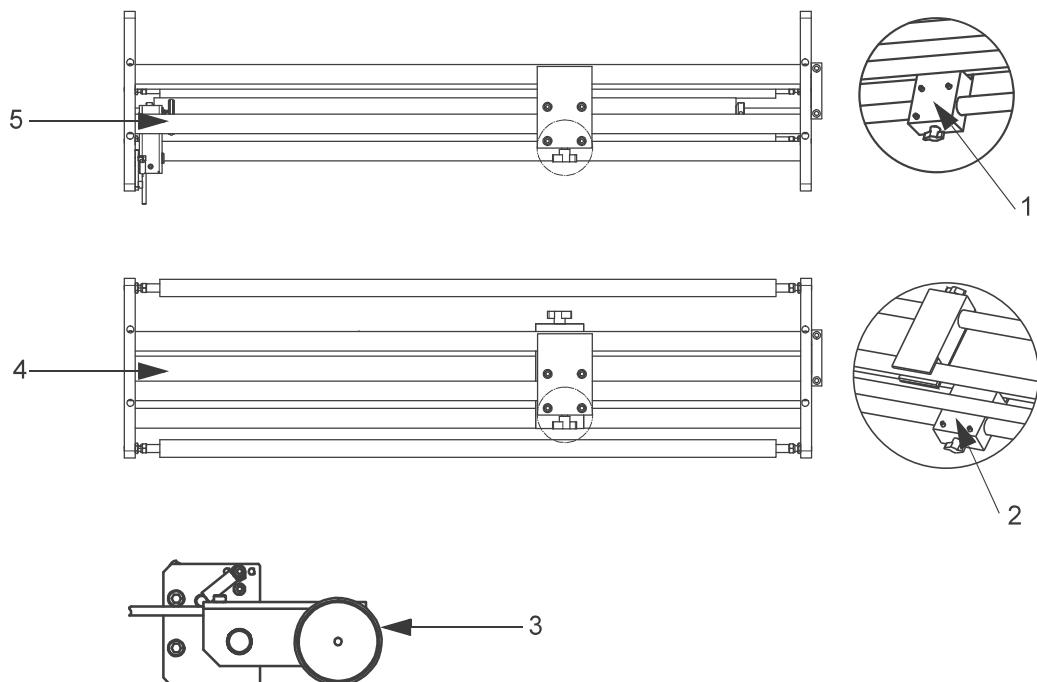


Figure 8-6: Accessories

Table 8-6 lists the accessories of the printer.

Item Number	P/N	Description	Qty
1	403357	Spare 32T Bracket Platen Rubber (Continuous)	Pack of 10
2	403357	Spare 32T Bracket Platen Rubber (Intermittent)	Pack of 10
3	401339	Spare Encoder O-ring	Pack of 10
4	403318	Intermittent Bracket Assembly	1
5	403317	Continuous Bracket Assembly	1

Table 8-6: Accessories List

## Printer Ribbons

Table 8-7 lists the ribbons of the printer.

Serial Number	Part Number	Description
1	702305	Standard Black 20mm x 600m
2	702304	Standard Black 35mm x 600m
3		Standard White 20mm x 450m
4		Standard White 35mm x 450m
5		Premium Black 20mm x 550m
6		Premium Black 35mm x 550m
7		Premium White 20mm x 550m
8		Premium White 35mm x 550m

Table 8-7: Printer Ribbons

# Drawings

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## Printer Dimensions

Figure 9-1 shows the dimensions of the Videojet 6210 (RH) printer.

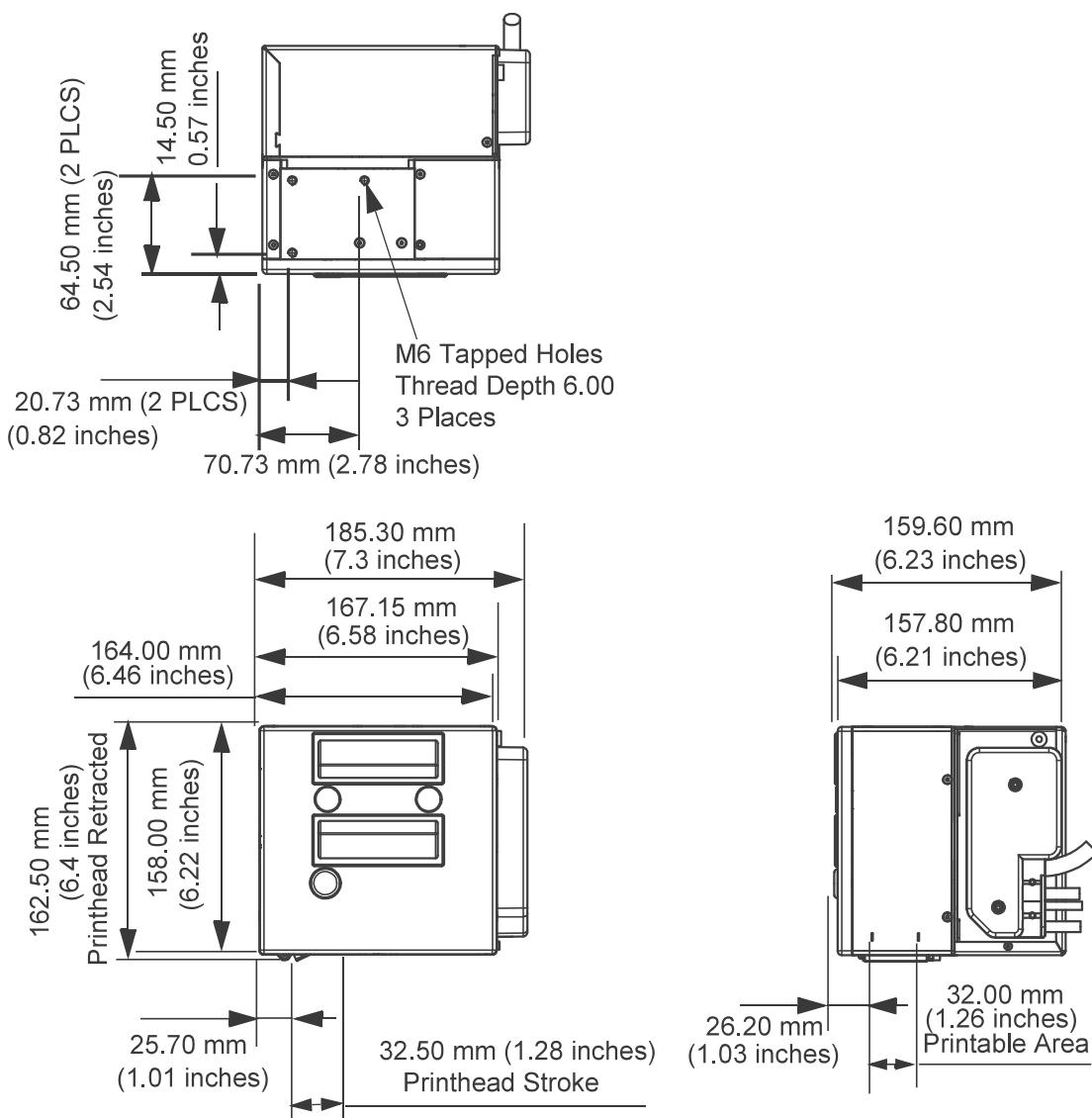


Figure 9-1: Videojet 6210 30 mm RH Printer Dimensions

Figure 9-2 shows the dimensions of the Videojet 6210 (LH) printer.

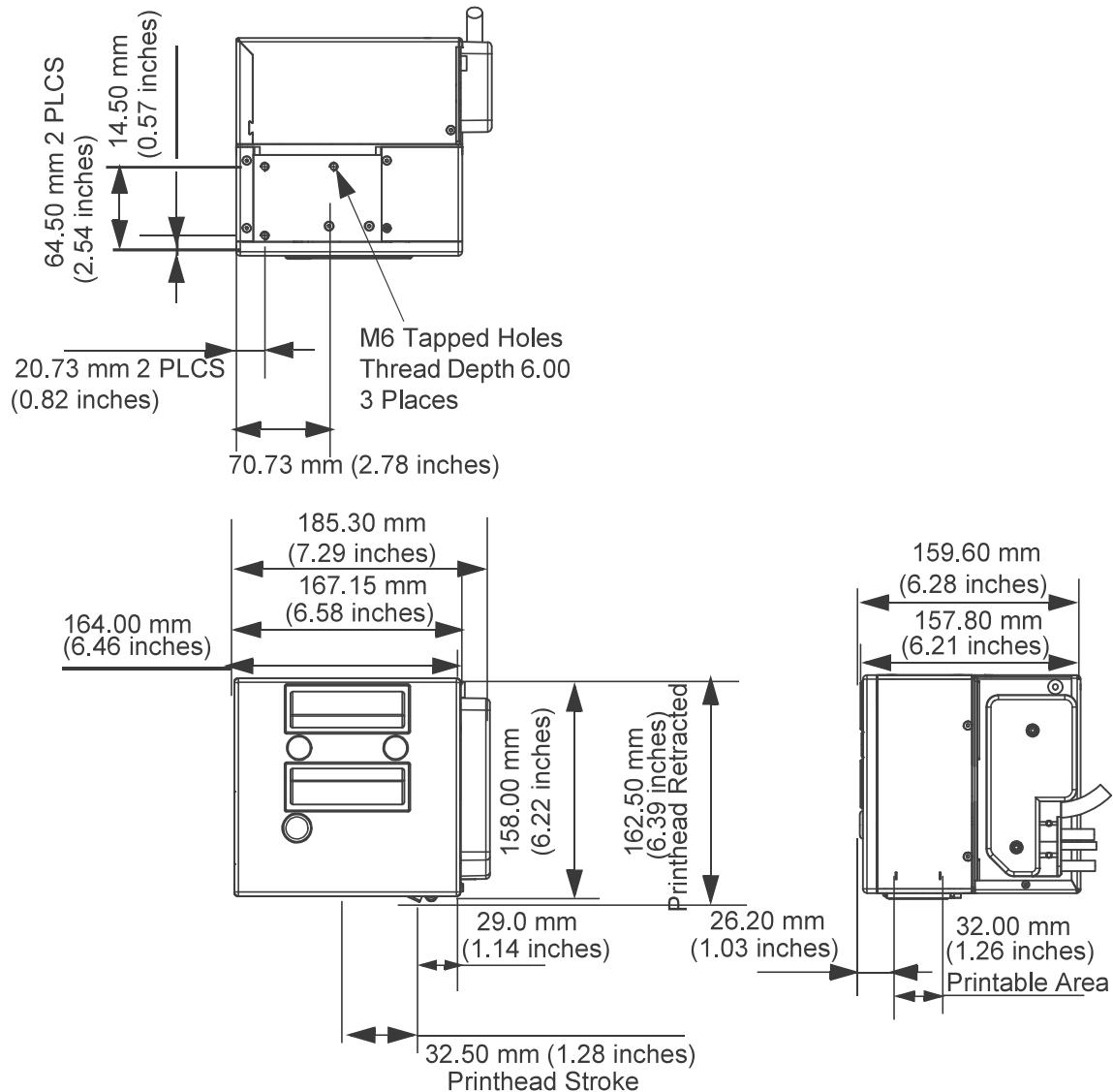


Figure 9-2: Videojet 6210 30 mm LH Printer Dimensions

Figure 9-3 shows the dimensions of the CLARiTY controller.

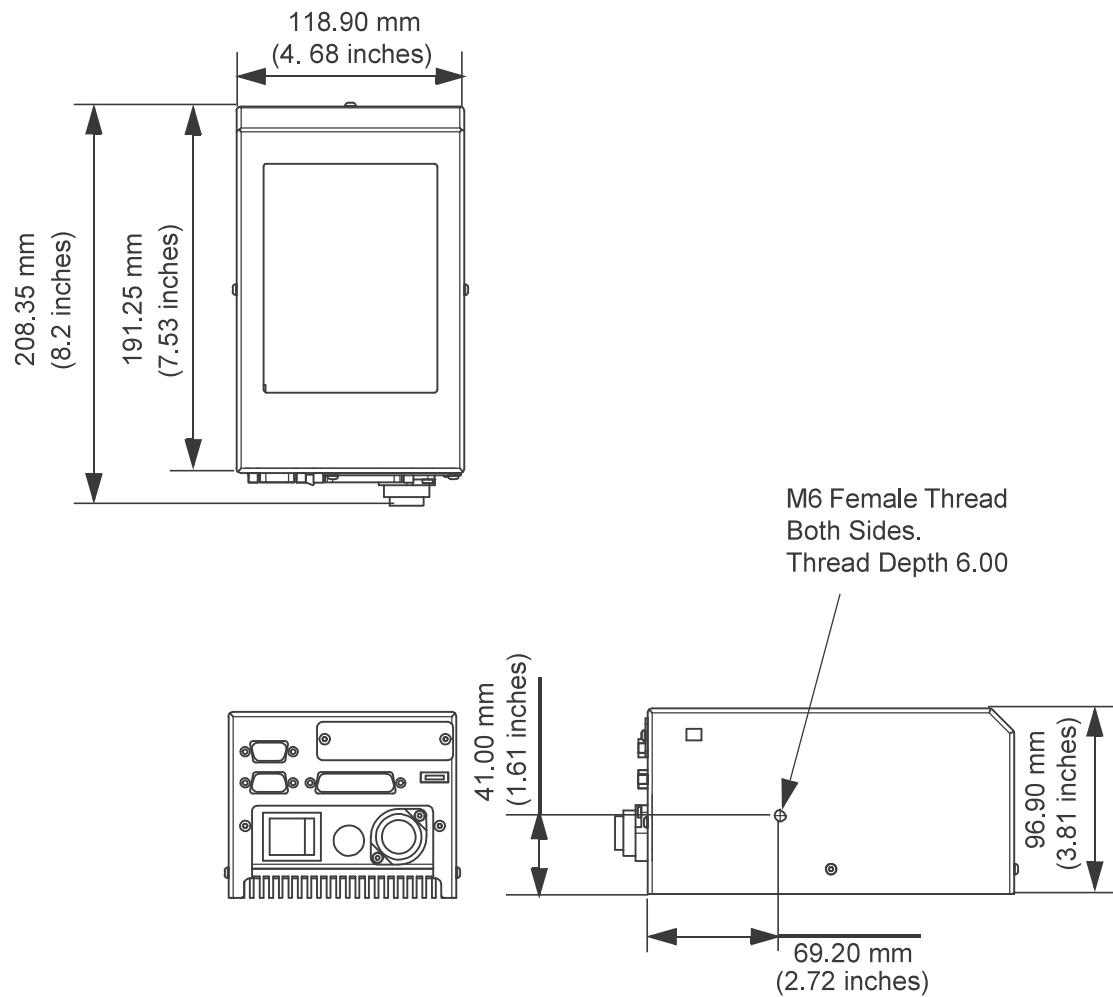


Figure 9-3: CLARiTY Controller Dimensions

## Electrical Wiring Schematics

Figure 9-4 shows the electrical wiring schematic of the Clarity controller.

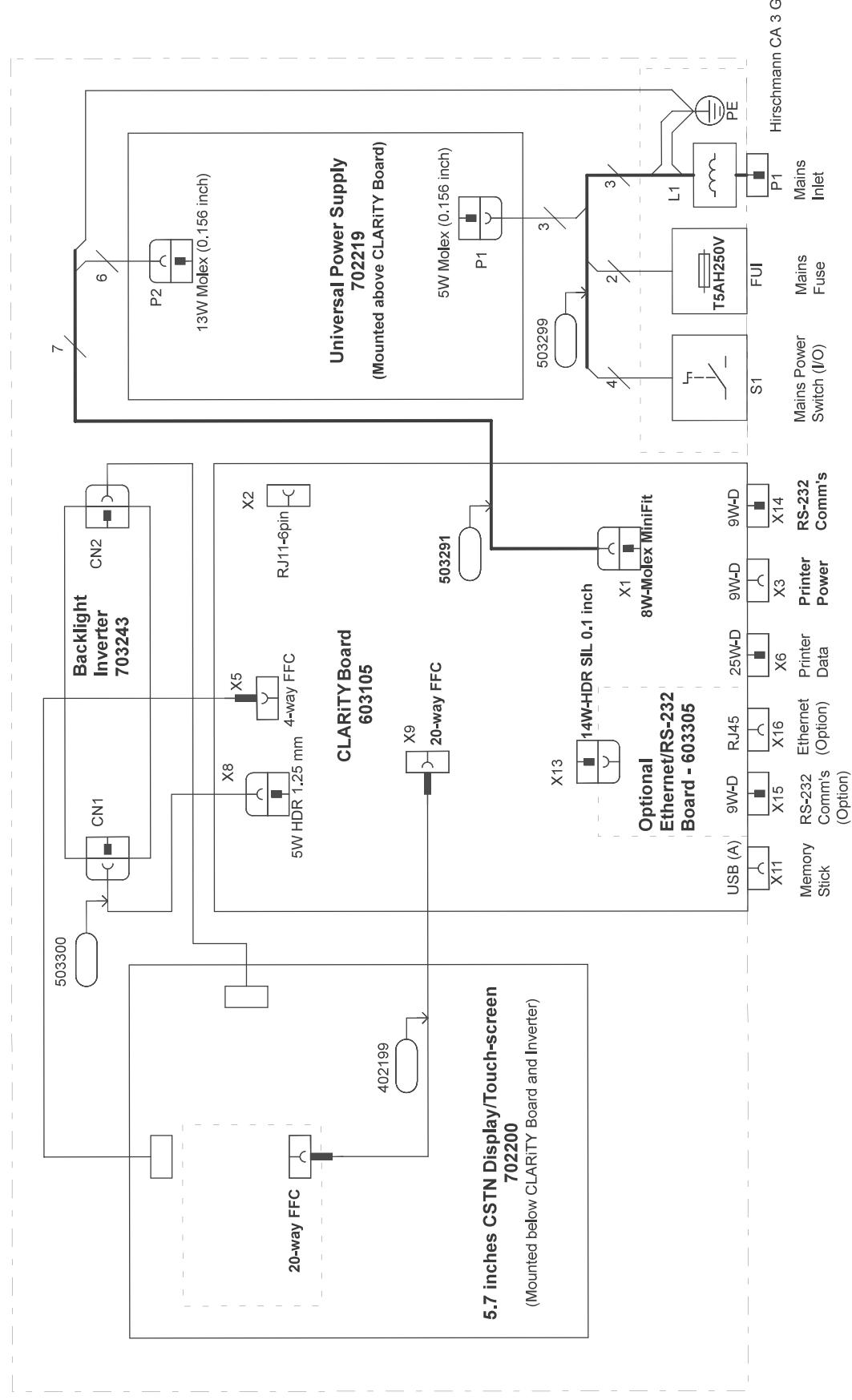


Figure 9-4: Electrical Wiring Schematic of the Clarity Controller

Figure 9-5 shows the electrical wiring schematic of the Videojet 6210 printer.

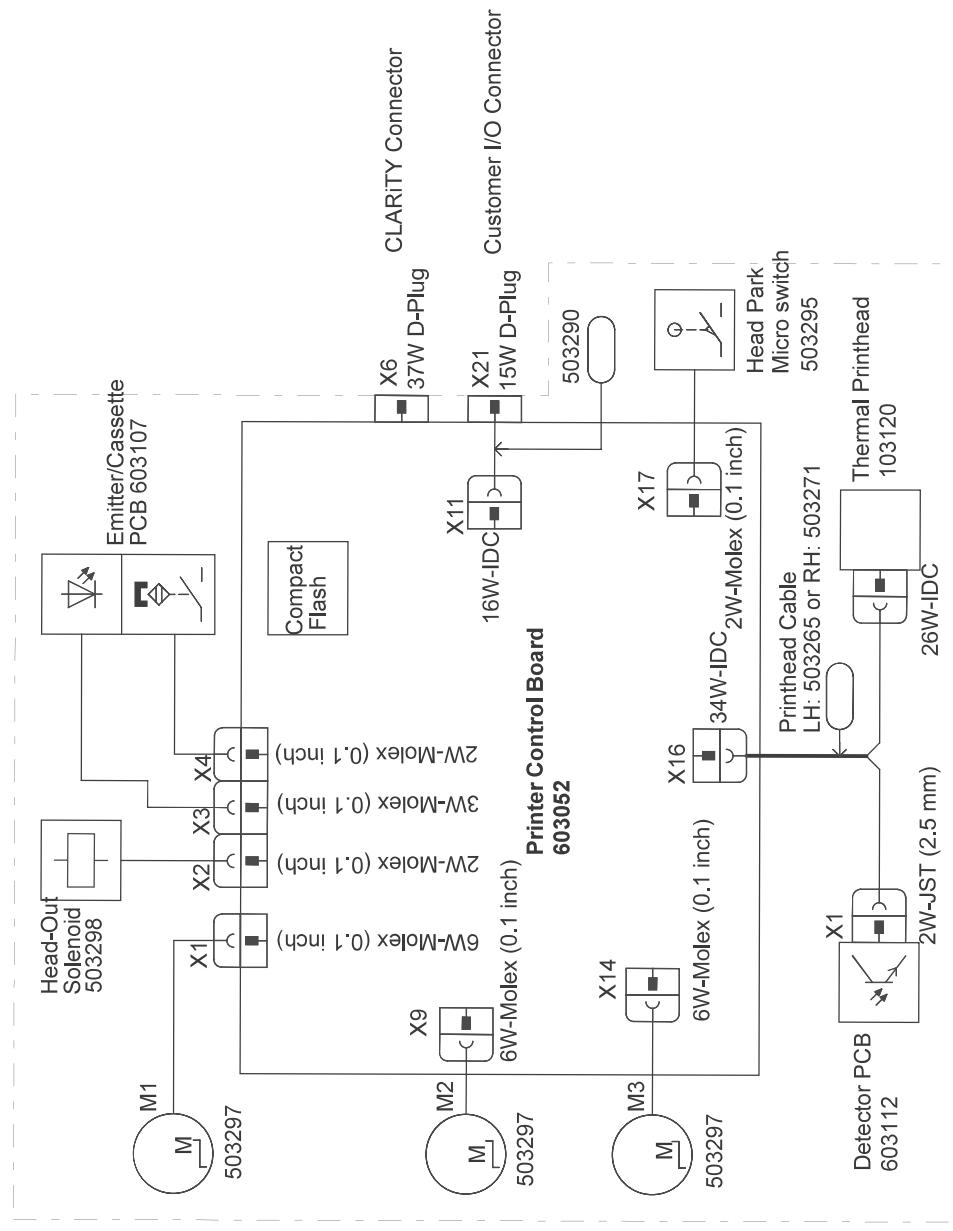


Figure 9-5: Electrical Wiring Schematic of the Videojet 6210 Printer

Table 9-1 lists the different wire colors and their corresponding functions.

X16 Pin #	Wire Color	Function	Factory Default
1	Red (Brown on ENC lead)	+24V	+24V
2	Blue	External input #1 PNP 24V	Print input from host machine
3	Green	0V	0V
4	Black	External input #2 PNP 24V	Inhibit print from host machine
5	White	External input #3 PNP 24V	Spare input-not used
6	Orange	External relay output #1	Fault relay N/C
7	White/Black	External relay output #1	Fault relay COMMON
8	Red/Black	External relay output #1	Fault relay N/O
9	Green/Black	External relay output #2	Warning relay COMMON
10	Orange/Black	External relay output #2	Warning relay N/O
11	Blue/Black	External PNP output #3 PNP 24V	BUSY
12	Black/White (Black on ENC)	0V	0V
13	Red/White	External PNP Output #4 PNP 24V	Spare-not used
14	Green/White (White on ENC lead)	Encoder phase B signal input (24V push/pull preferred or open collector compatible)	
15	Blue/White (Blue on ENC lead)	Encoder phase A signal input (24V push/pull preferred or open collector compatible)	

Table 9-1: List of the Wire Colors for Videojet 6210 Printer Electrical Schematic