

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.

This manual contains the following informations:

- [How to Read the IPL](#)
- [Videojet DataFlex 6330 Parts](#)

9.1    How to Read the IPL

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

9.1.1   Illustrations

[Table 9-1](#) shows the symbols used to indicate the different levels of main assemblies in a printer, and the sub assemblies under the main assembly.


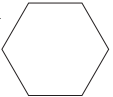
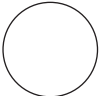
Assembly	Symbol
Main Assembly	
Sub Assembly 1	
Sub Assembly 2	

Table 9-1: Symbols Representation - Assemblies

9.1.2   Alphabets

A letter is assigned to the main assemblies of a printer and a number is assigned to each sub assembly under the main assembly.

For example: If A, B, C and D identify the main assemblies of a printer, then letter-number sequence A1, A2 and so on identify sub assemblies below each main assembly in a sequence.

- The alphabets “I” and “O” are not used because they look like the numbers 1 and 0.

9.2 Videojet DataFlex 6330 Parts

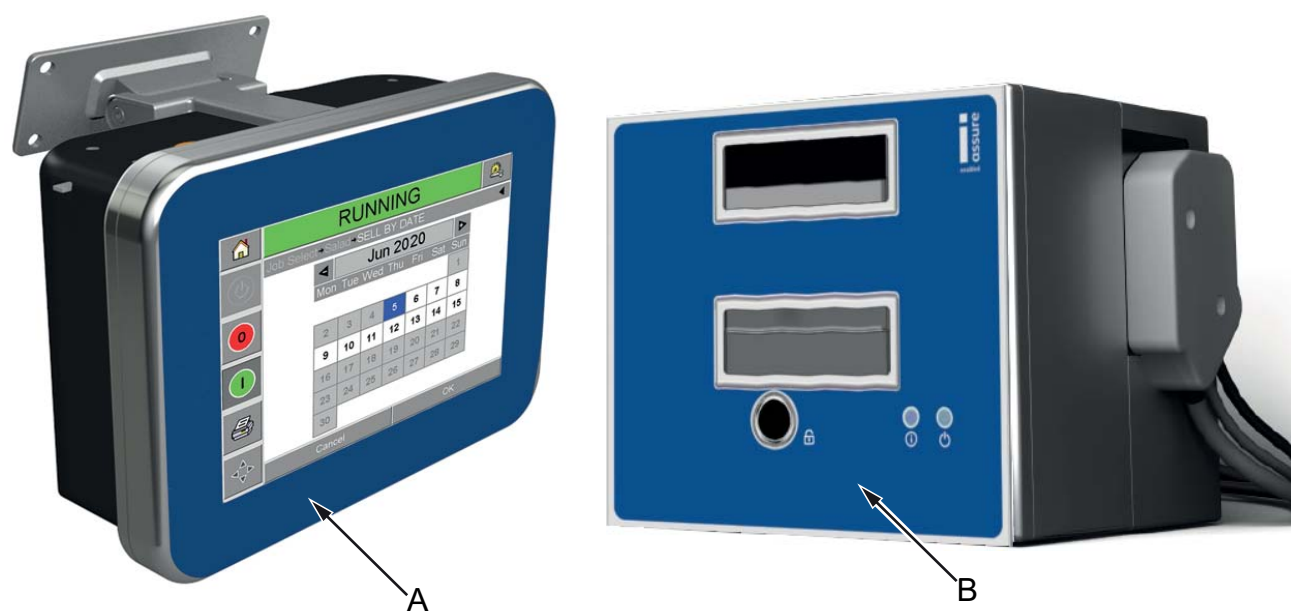


Figure 9-1: Main Parts of Videojet DataFlex 6330

Item	Descriptions	Sub-assembly
A	CLARiTY Human Machine Interface (HMI) and Power Supply Unit (PSU)	Refer to <a href="#">Table 9-3</a>
B	Printer	Refer to <a href="#">Table 9-6</a>

Table 9-2: Videojet DataFlex 6330 Assemblies

A



Figure 9-2: CLARiTY HMI Assembly with PSU Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		CLARiTY HMI Assembly with PSU Assembly		
A1		CLARiTY HMI Assembly		Refer to <a href="#">Table 9-4</a>
A2		PSU Assembly		Refer to <a href="#">Table 9-5</a>

Table 9-3: CLARiTY HMI Assembly with PSU Assembly\_Parts List

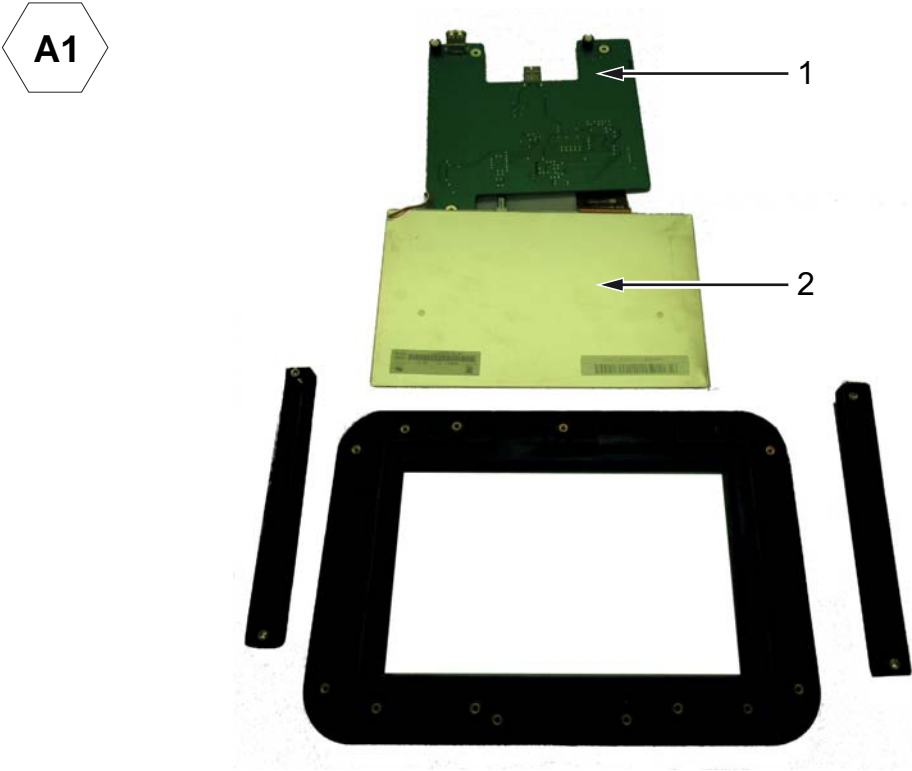


Figure 9-3: CLARiTY HMI Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		CLARiTY HMI Assembly with PSU Assembly		
A1	407940	Videojet DataFlex 6330 HMI Assembly	1	
1	407918	CLARiTY HMI PCB	1	
2	407941	LCD Touchscreen	1	

Table 9-4: CLARiTY HMI Assembly\_Parts List

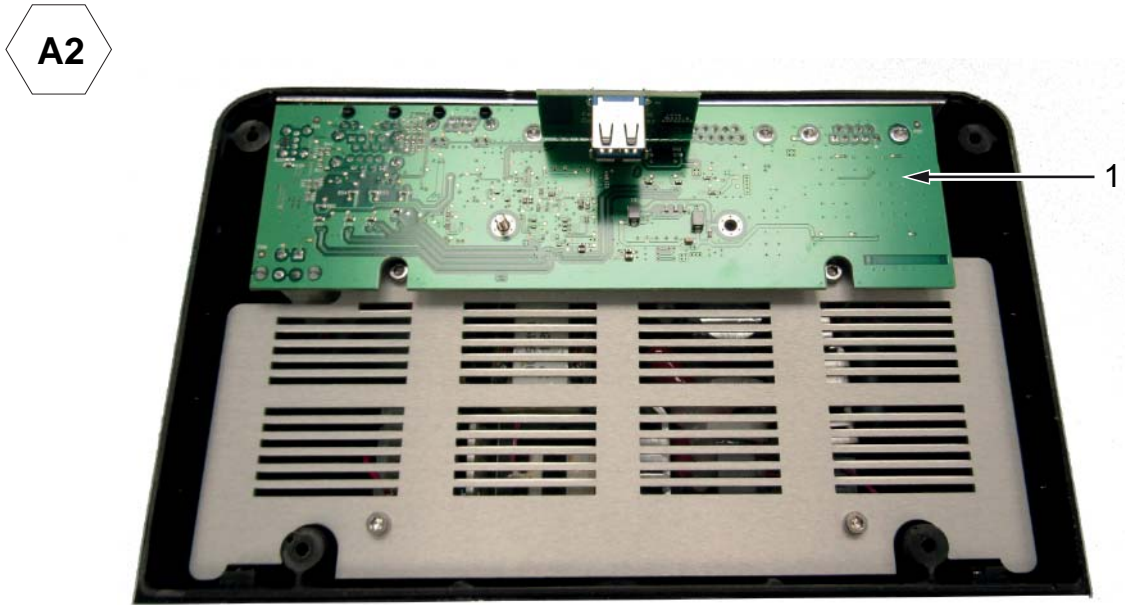


Figure 9-4: PSU Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		CLARiTY HMI Assembly with PSU Assembly		
A2	407943	Videojet DataFlex 6330 PSU Assembly	1	
1	407919	PSU PCB	1	
2	407920	Power Supply Switch	1	
3	407921	Power Supply	1	
4	407946	PSU Cable Blanking Assembly	1	
5	400885	Fuse Kit	Pack of 10	

Table 9-5: PSU Assembly\_Parts List

B

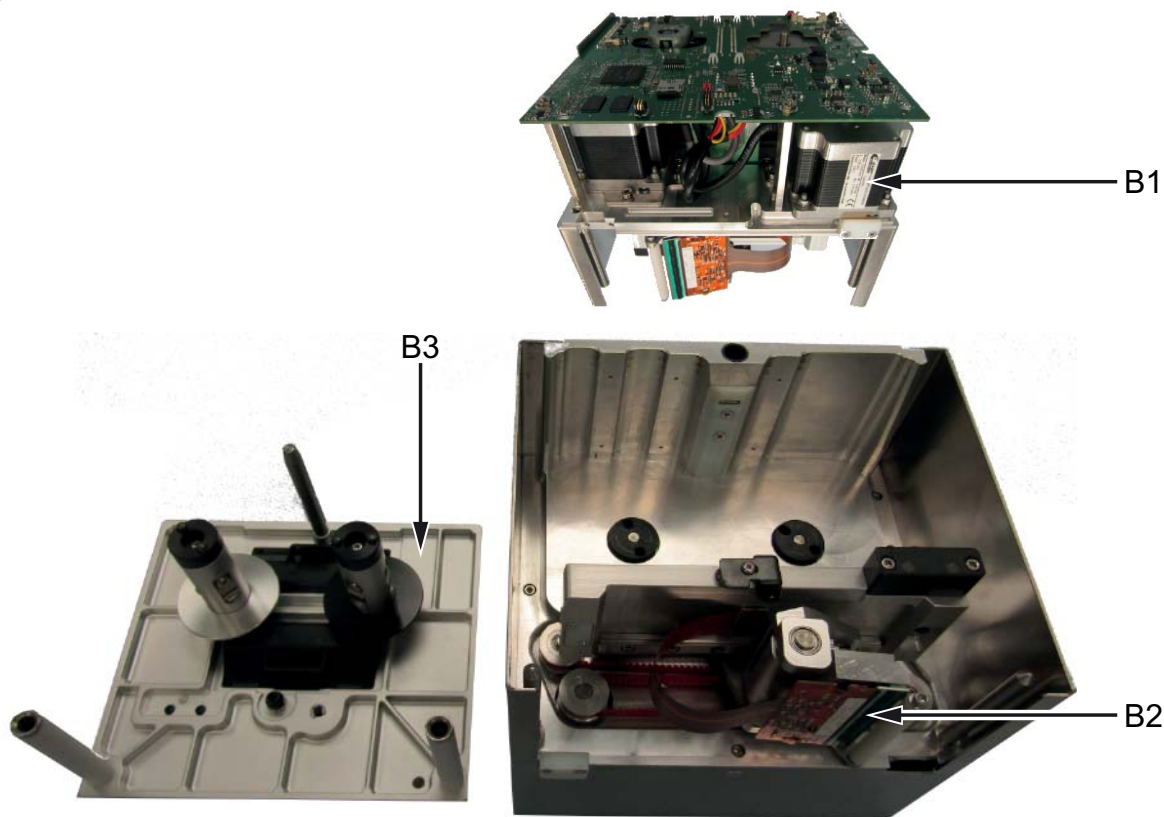


Figure 9-5: Printer

Item	Part Number	Descriptions	Quantity	Sub-assembly
B	407972	Spare Videojet DataFlex 6330 Printer - RH (only)	1	
	407973	Spare Videojet DataFlex 6330 Printer - LH (only)	1	
B1		Printer Assembly		Refer to <a href="#">Table 9-7</a>
B2		Printhead Assembly		Refer to <a href="#">Table 9-8</a>
B3		Cassette Assembly		Refer to <a href="#">Table 9-9</a>

Table 9-6: Printer\_Parts List

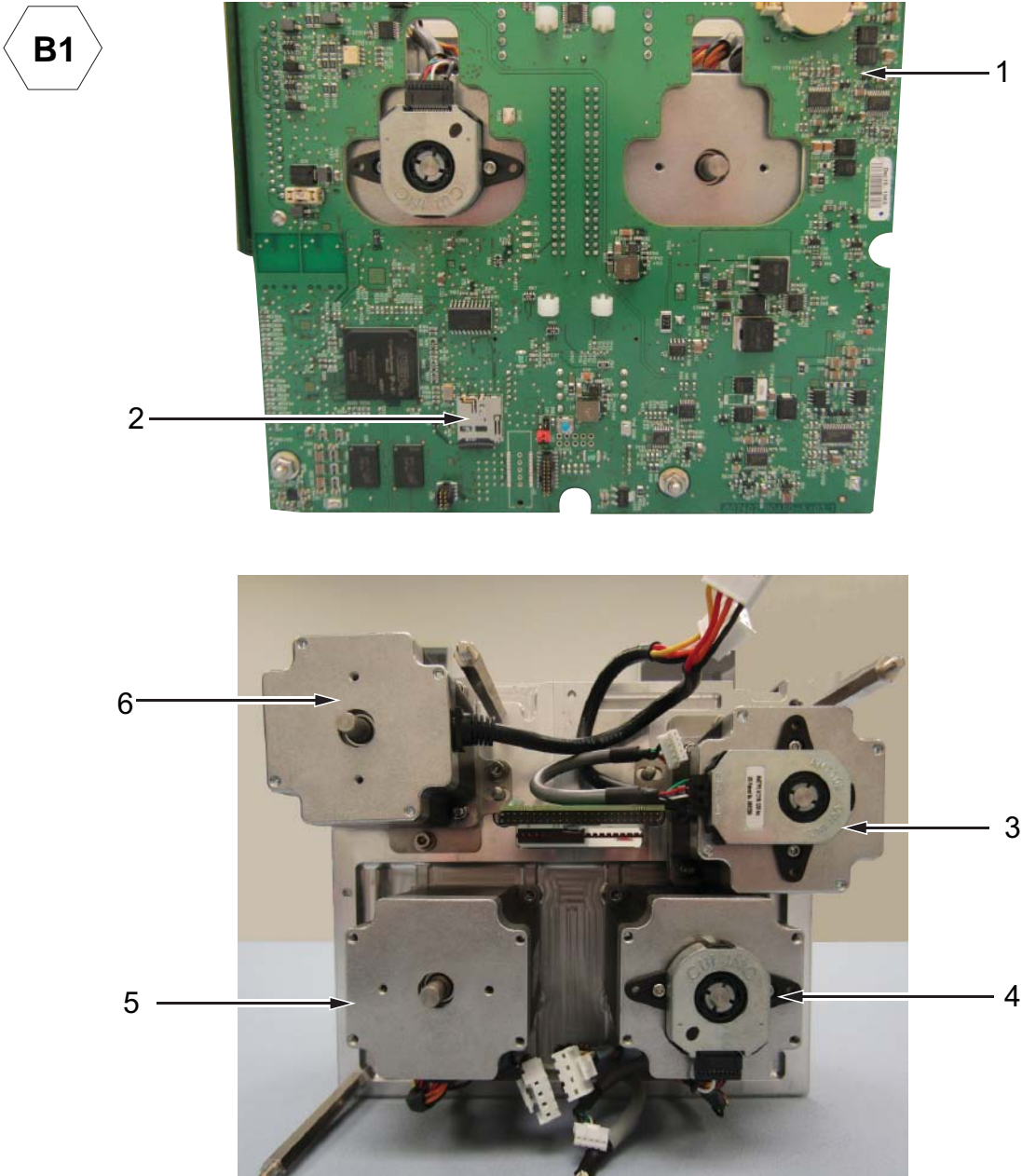


Figure 9-6: Printer Assembly

**Note:** Orientation of ribbon motors will change between LH and RH printers.



## Illustrated Parts List

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Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Videojet DataFlex 6330 Printer		
B2		Printer Assembly		
1	407912	Videojet DataFlex 6330 Main Control Board (MCB)	1	
2	407914	Videojet DataFlex 6330 SD Card		
3	407873	Printhead Drive Motor with Sensor	1	
4	407871	Ribbon Drive Motor with Sensor	1	
5	407870	Ribbon Drive Motor	1	
6	407872	Carriage Drive Motor	1	
7*	407927	Rear Cover	1	
8*	407928	Side Cover	1	

*Table 9-7: Printer Assembly\_Parts List*

\* - indicates items not shown in the figure.



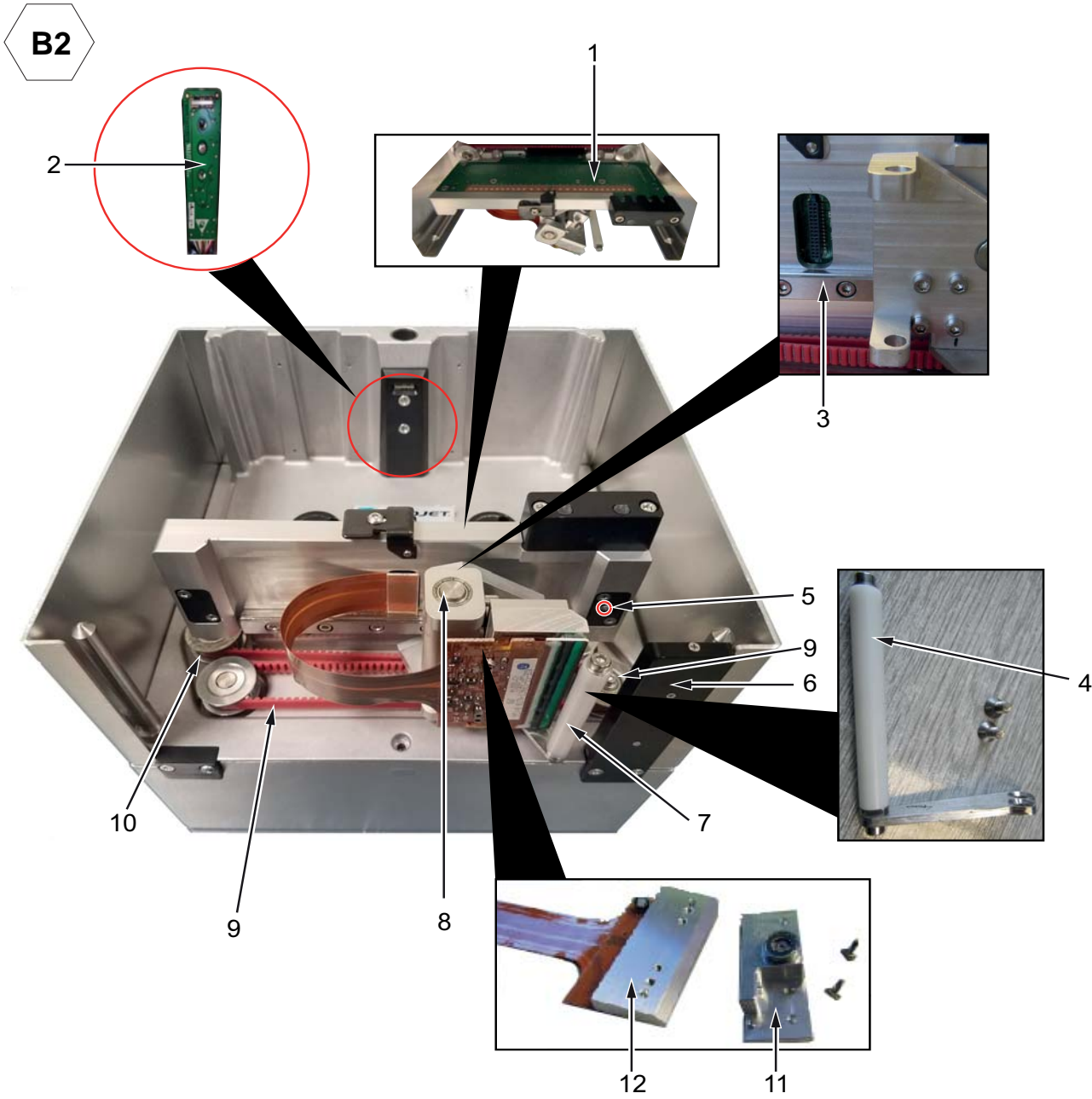


Figure 9-7: Printhead Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Videojet DataFlex 6330 Printer		
B2		Printhead Assembly		
1	407915	Printhead PCB (RH)	1	
1	407916	Printhead PCB (LH)	1	
2	407917	Ribbon Detector PCB	1	
3	407924	Linear Slide	1	
4	407922	Peel Arm Assembly (RH)	1	
4	407923	Peel Arm Assembly (LH)	1	
5	407937	iAssure Lens	1	
6	407935	iAssure Light Box (RH)	1	
6	407936	iAssure Light Box (LH)	1	
7	401035	Peel Roller	5 off	
8	407925	53mm Printhead Pivot Assembly RH	1	
8	407926	53mm Printhead Pivot Assembly LH	1	
9	407931	53mm Printhead belt	2	
10	407932	Idler Pulley Assembly	1	
11	407934	Printhead Mount	1	
12	407933	Printhead	1	
13*	404097	Latch Assembly	5 off	

*Table 9-8: Printhead Assembly\_Parts List*

\* - indicates items not shown in the figure.

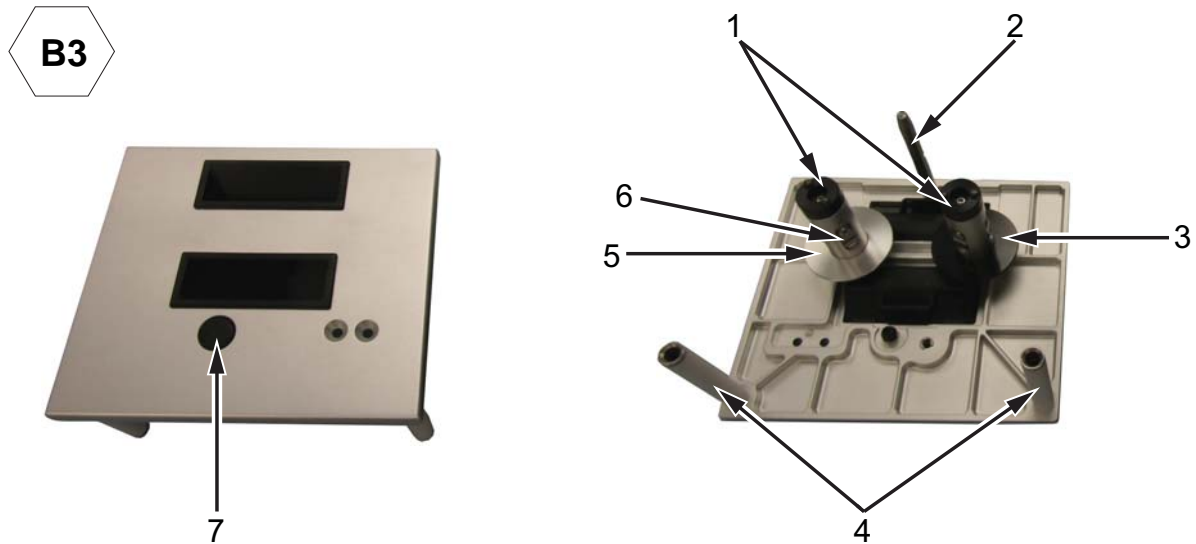


Figure 9-8: Cassette Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Videojet DataFlex 6330 Printer		
B3	407948	Spare Videojet DataFlex 6330 53mm Cassette Assembly		
1	407951	53mm Mandrel Body Assembly	1	
2	407953	Cassette Middle Guide Pin	1	
3	216808	Black Disc - Pack	5 off	
4	216032	53mm Cassette Roller	Set of 6	
5	216809	Silver Disc - Pack	5 off	
6	407952	Leaf Springs - Pack	6 off	
7	216810	Cassette Release Button	1	
8*	407950	53mm Mandrel Refurbishment Kit	1	
9*	403057	Friction Cone - Pack	10 off	
10*	407949	Cassette Shock Cap - Pack	10 off	

Table 9-9: Cassette Assembly\_Parts List

\* - indicates items not shown in the figure.

## **9.3 Accessories**

### **9.3.1 Cables**

Item	Part Number	Descriptions	Quantity
1	407799	1.2 M Interconnecting Cable Assembly	1
2	407757	3 M Interconnecting Cable Assembly	1
3	407800	4 M Interconnecting Cable Assembly	1
4	407798	5 M Interconnecting Cable Assembly	1
5	402274	15 Way I/O Cable	1
6	407861	3 M HMI - PSU Cable	1
7	407862	5 M HMI - PSU Cable	1

*Table 9-10: Cables\_Parts List*

### **9.3.2 Power Cord**

Item	Part Number	Descriptions
1	704432	IEC Mains Lead - US Canada
2	704434	IEC Mains Lead - Europe
3	704435	IEC Mains Lead - Japan
4	704436	IEC Mains Lead - Italy
5	704437	IEC Mains Lead - China
6	704438	IEC Mains Lead - India/South Africa
7	704439	IEC Mains Lead - UK
8	704440	IEC Mains Lead - Switzerland
9	704441	IEC Mains Lead - Denmark
10	704442	IEC Mains Lead - Brazil/Philippines

*Table 9-11: Power Cord\_Parts List*

## 9.4 Miscellaneous Accessories

### 9.4.1 Encoder

Item	Part Number	Descriptions	Quantity
1	407956	Encoder Kit	
2	215964	Encoder O Ring	10 off
3	407957	Encoder Wheel Pack	5 off
4	407958	Thermal Printer Encoder Assembly	1
5	402788	Encoder Cable	

Table 9-12: Encoder\_Parts List

### 9.4.2 Mounting Accessories

Item	Part Number	Descriptions
1	407942	HMI Wall Mount Assembly
2	407944	DIN Rail Mount Assembly
3	407945	PSU Adjustable Mount Assembly

Table 9-13: Mounting Accessories\_Parts List

### 9.4.3 Slave Printer

Item	Part Number	Descriptions
1	408117	Videojet DataFlex 6330 53mm Slave Printer (RH)
2	408118	Videojet DataFlex 6330 53mm Slave Printer (LH)

Table 9-14: Slave Printers\_Parts List

### 9.4.4 Conversion Kit

Item	Part Number	Descriptions
1	407929	RH - LH Conversion Kit
2	407930	LH - RH Conversion Kit

Table 9-15: Conversion Kit\_Parts List