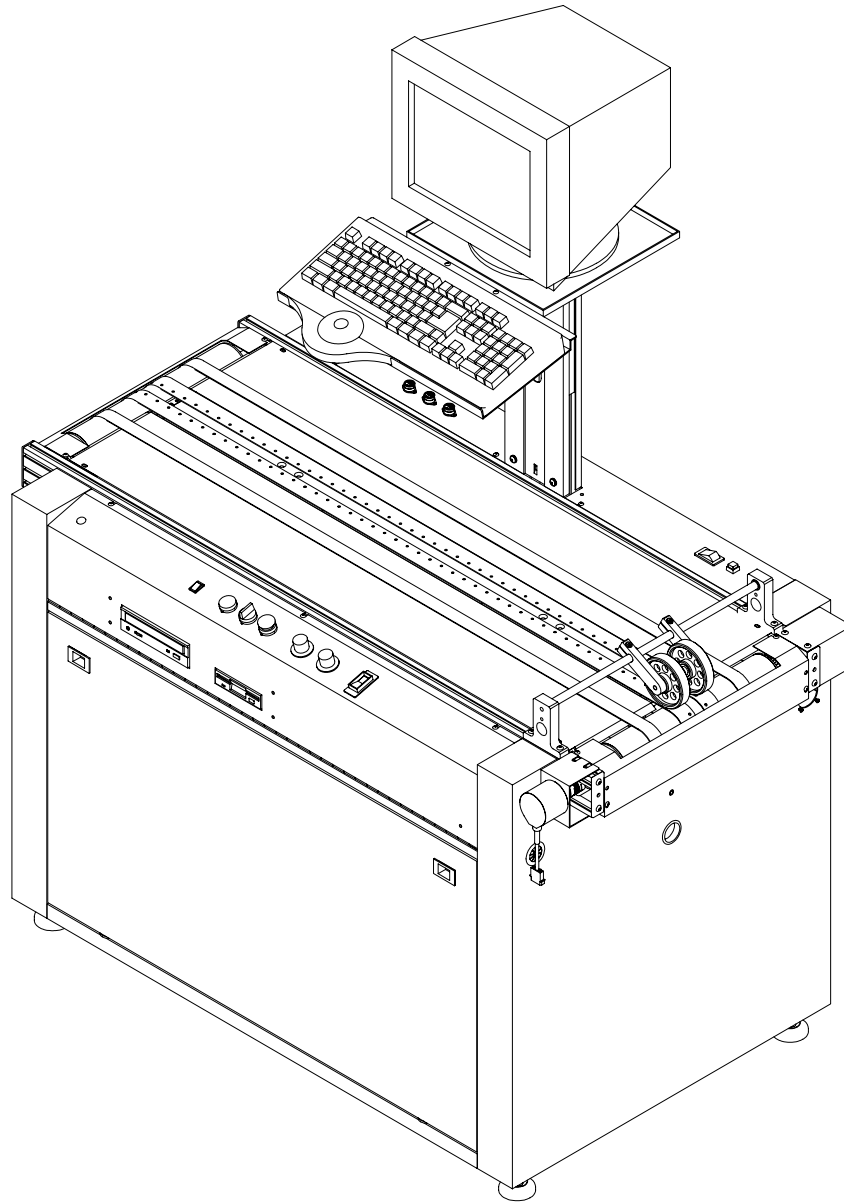




BK760 / BK76IB Inkjet User's Guide

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Manual History

Version	Date	Description	ECO No.
1.0	14-Sep-03	Manual Released.	N/A
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1.1 Description

The Buskro BK760 / BK76IB series inkjet is an affordable inline transport base that does not compromise flexibility or reliability. In the case of the BK760, an integrated computer with Compose software is included with the base to provide full printing potential. In the case of the BK76IB, it is designed purely as a transport base. However, it is also designed to be modular to allow it to be integrated with a BK700 Portable Controller. By doing this, the BK76IB becomes the BK776 which has the full range of Buskro print technologies available. In addition, both the BK760 and BK76IB are available in both left to right (Right) and right to left (Left) transport configurations.

Designed with modularity in mind, the BK760 / BK76IB is capable of integrating with a number of other Buskro products. This includes feeders, extension tables, conveyors, other inline bases, and tabber/labelers. This provides a great deal of flexibility.

From an electrical standpoint, the BK760 / BK76IB is designed to support both 115 and 230 VAC input voltages at 50 or 60 Hz without the need of a transformer. This is to provide greater flexibility to the customer. However, the BK760 / BK76IB is shipped to support 230 VAC by default. In cases where only 115 VAC is available, the unit can be switched but must be done by a qualified technician.

1.2 Features

1.2.1 Vacuum Table Belts

The table belts, which transport the product past the inkjet imaging region, are equipped with vacuum to provide positive adhesion to the base. This helps ensure accurate placement of the image on the product.

1.2.2 Controller

The BK76IB is completely modular and was designed to accommodate the BK700 portable controller. Alternatively, the BK760 can be purchased which includes a built-in controller capable of supporting up to four inches of Apollo print.

1.2.3 Complete Instrument Panel

All necessary controls required to operate the unit are easily accessible to the operator on a central instrument panel. The control panel comes complete with rocker switches, large pushbuttons, and variable speed potentiometers for machine/conveyor speed regulation.

1.2.4 BK1600 Series Conveyor Compatibility

The BK760 / BK76IB is fully compatible with any BK1600 series conveyor from a 6-foot model through to an 18-foot model. It is electrically integrated through a 7-pin circular connector and can be controlled from the base.

1.2.5 Tabber and Inkjet Compatibility

The BK760 / BK76IB is compatible with all Buskro Tabbers and transport bases. It is electrically integrated through the upstream and downstream connections in order to directly start or stop the entire system.

1.2.6 Auxiliary Feeder Compatibility

In the case where a BK720 friction feeder is used, an optional table (BK723) can be attached to the base. This feeder is electrically integrated through a 14-pin auxiliary feeder connector in order to directly start and stop the feeder from the base. In addition, a rocker switch (**Feed Enable**) on the instrument panel can be used to enable or disable the feeder in order to run the base without the feeder. In order to connect a shuttle feeder such as the BK425, the upstream connector on the base is used to integrate the start and stop functions.

1.2.7 Print Quality Considerations

In order to optimize print quality, the BK760 / BK76IB has a textured tabletop to minimize static buildup, a helical coupling encoder connection, vacuum-assisted transport belts, and a sturdy cabinet design.

1.2.8 Software Considerations (Compose Si or IQ)

The BK760 is available in two main software configurations. Depending on which software is used, different features are available to the customer. In general, Compose Si is the basic model while Compose IQ offers full feature functionality. The main feature differences can be seen in Table 1-1.

Table 1-1: *Feature Comparison (Compose IQ and SI)*

No.	Feature description	Si	IQ
1	Job Handling		
1.1	Multiple List Types: text, MS Access, Dbase, Foxpro, Excel	√	√
1.2	Multiple Code Pages; Foreign character sets	√	√
1.3	Multiple Copy Printing		√
1.4	Job Preparation and Recall	√	√
2	Setup		
2.1	Stacker/Diverter Control	√	√
2.2	Printhead Supported: Apollo, Atlas, Atlas UVC, Elite	√	√
2.3	Printhead Micro-Alignment	√	√
2.4	Master/Slave Communication		√
2.5	Product Tracking; up to 8 zones		√
2.6	(Optional) OCR for camera/database lookup applications		√
2.7	(Optional) Selective for control of feeder and other devices		√
2.8	Print Verification		√
2.9	English <u>only</u> Language Interface	√	
2.10	English, French, Spanish, German, Japanese, Korean, Chinese (simplified, traditional), Thai Language Interface		√
2.11	Password Protection	√	√
3	Operator Display		
3.1	Record Navigation Tools	√	√
3.2	Record Search, Re-printing, and Cueing	√	√
3.3	Record Status Color Coding	√	√
3.4	Single Record Display - Static	√	
3.5	Multiple Record Display – Real-time refresh		√
3.6	Operator View: Multiple record or product tracking		√
4	Layout		
4.1	Text: Fixed and Variable up to 99 components @ 255 characters/field	√	√
4.2	128 frames per printhead	√	√
4.3	Graphics: Fixed and Variable, Bitmap	√	√
4.4	Barcode; Linear: Code 128, Codabar, EAN, UPC, 2 of 5, 3 of 9	√	√
4.5	Barcode, postal:	Postnet, Planet	ALL
4.6	Barcode, 2D: Datamatrix ECC200, PDF417, QR		√
4.7	Alignment Tools : 0, 90, 180, 270 orientation	√	√
4.8	Text Manipulation Tools: typeface, alignment, True Type	√	√
4.9	Serial Numbering	√	√
4.10	Time and Date Stamping	√	√
5	Reports (Crystal)		
5.1	Production: Job, Machine		√
5.2	Audit: completed, not completed, duplicate, lost/wasted records		√
6	Diagnostics		
6.1	Printhead test label and test firing	√	√
6.2	Input Sensors and Output Device testing	√	√
6.3	Encoder Scope	√	√
6.4	Printhead Parameter Viewing	√	√
7	General		
7.1	Windows-based, XP compatible (Compose V6.0)	√	√
7.2	Multiple Print Resolutions: 110, 150, 220, 330, 440, 660	√	√
7.3	Core Charge Rebate applicable		√

1.3 Specifications

1.3.1 Product handling			
	Minimum	3.0" x 5.0"	76 mm x 127 mm
	Maximum	16.0" x 17.0"	406 mm x 432mm
	Thickness	Single Sheet to 1 1/8"	Up to 28 mm
1.3.2 Physical			
	Weight (<i>crated</i>)	450 lbs	204 kg
1.3.3 Production rate			
	Belt Speed	0 to 600 ft/min	0 to 3.05 m/s
	Cycle Speed	0 to 30,000 pph	
	Conveyor Speed	0 to 26.0" in/s	0 to 0.7 m/s
1.3.4 Electrical requirements			
	Line Voltage/Current	120V, 60Hz, 7.5A, ± 10% Volts 230V, 50/60Hz, 4A, ± 10% Volts	
	Power	0.920 kVA	
	Base Motor	1/4 hp, 90 VDC at 2.4A	
	Transport Blower	1/3 hp, 230 VAC at 2A 42 CFM, 39" H ₂ O Max Pressure	
	Conveyor Interface	1/8 hp, 90 VDC at 1.3A DC Controller	
1.3.5. Operator controls			
	Circuit-Breaker Switch	Main	
	Machine Pushbuttons/Rocker Switches	Start, Stop, Run/Jog, Feeder, Controller	
	Potentiometers	Production, Conveyor, Stack	

1.4 System Drawings

Figure 1-1: *BK760 System Overview (BK760R Shown)*

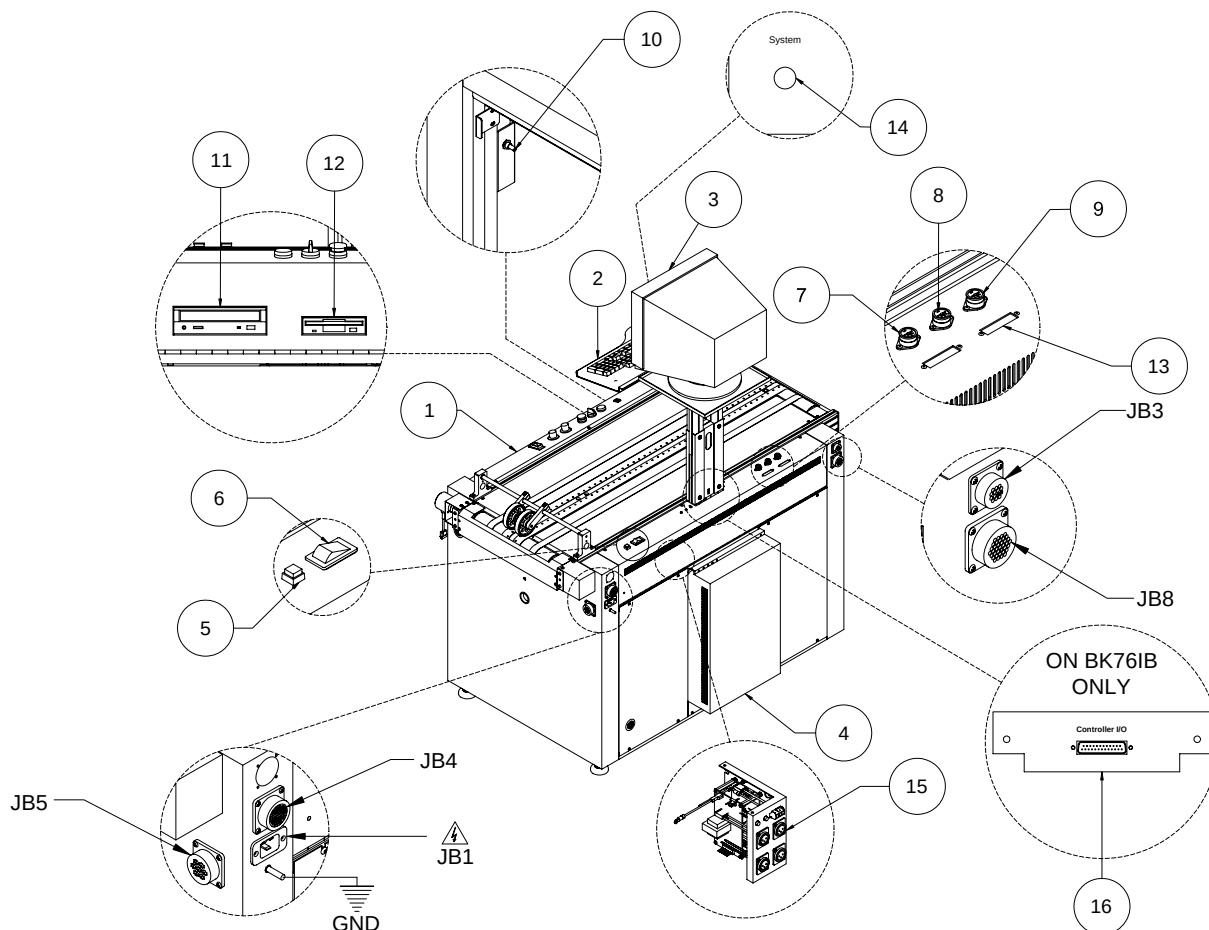
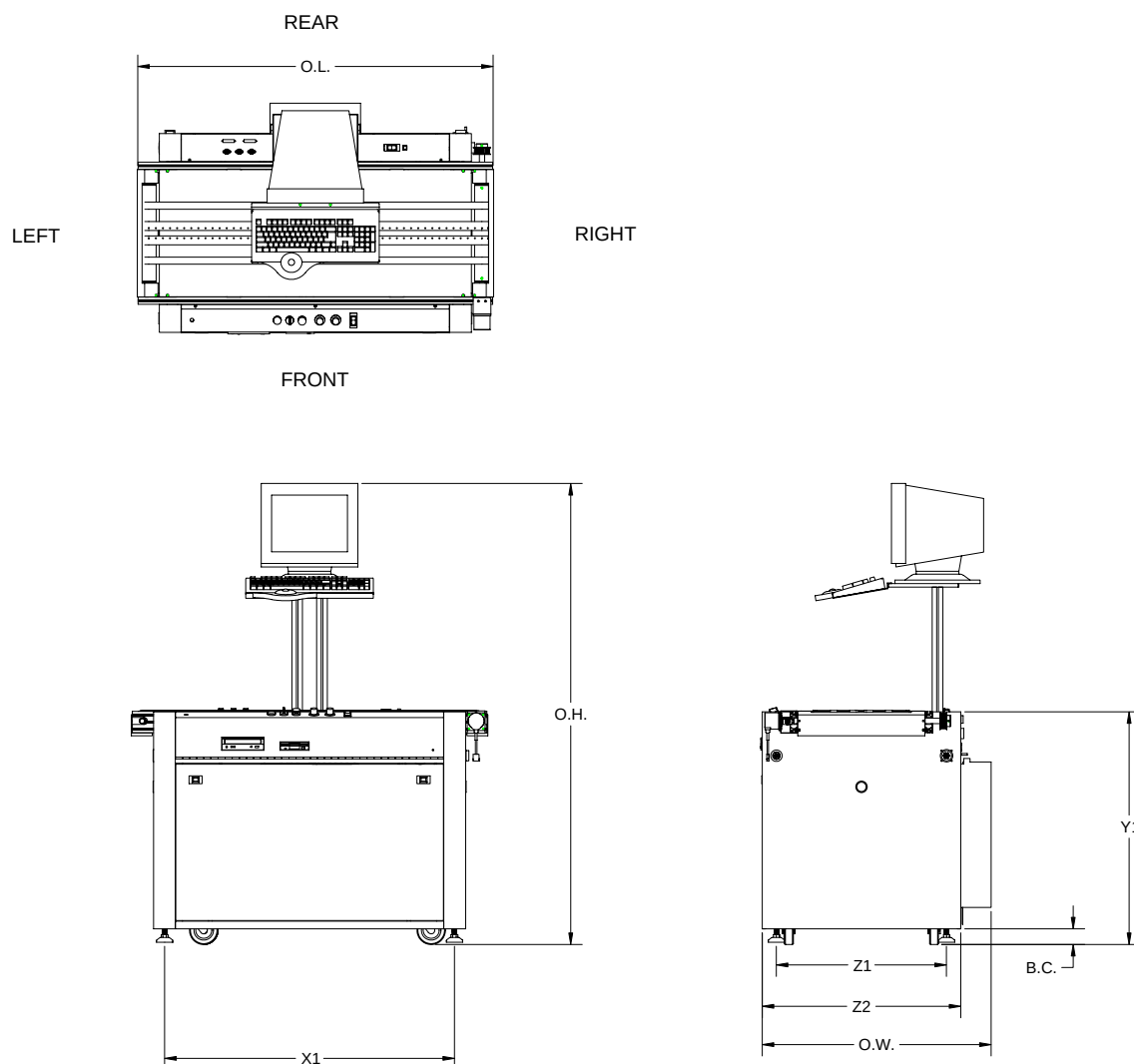


Table 1-2: *BK760 Features and Interface Specifications (BK760R Shown)*

Item	Description	Reference
1	Cover, Front Panel Assembly	
2	Keyboard with Built-in Trackball (BK760 Only)	
3	Computer Monitor (BK760 Only)	
4	Computer Controller (BK760 Only)	
5	Computer Power Push Button (BK760 Only)	
6	HP and Controller Main Power Switch (BK760 Only)	
7	Photo Sensor Receptacle (3-pin female)	
8	Cycle Sensor Receptacle (3-pin female)	
9	Jam Sensor Receptacle (3-pin female)	
10	Stack Speed Pot	
11	CD-ROM Drive	
12	Floppy Drive, 3 ½"	
13	Serial ports (optional)	
14	System speed control (optional)	
15	HP power supply (BK760 Only)	
16	Controller I/O Connection (BK76IB Only)	
JB3	Auxiliary Feeder Connector (17-14 CPC Female)	
JB4	Downstream Connector (22-57 CPC Female)	
JB5	Conveyor Connector (23-7 CPC female)	
JB8	Upstream Connector (23-37 CPC female)	
JB1	Receptacle, Male, 250VAC, 16A, IEC	

Note: JB3, JB4, JB5, and JB8 are on opposite ends of the base in the left systems (BK76IBL and BK760L).

Figure 1-2: *BK760 Overall Dimensions*Table 1-3: *BK760 Overall Dimensions*

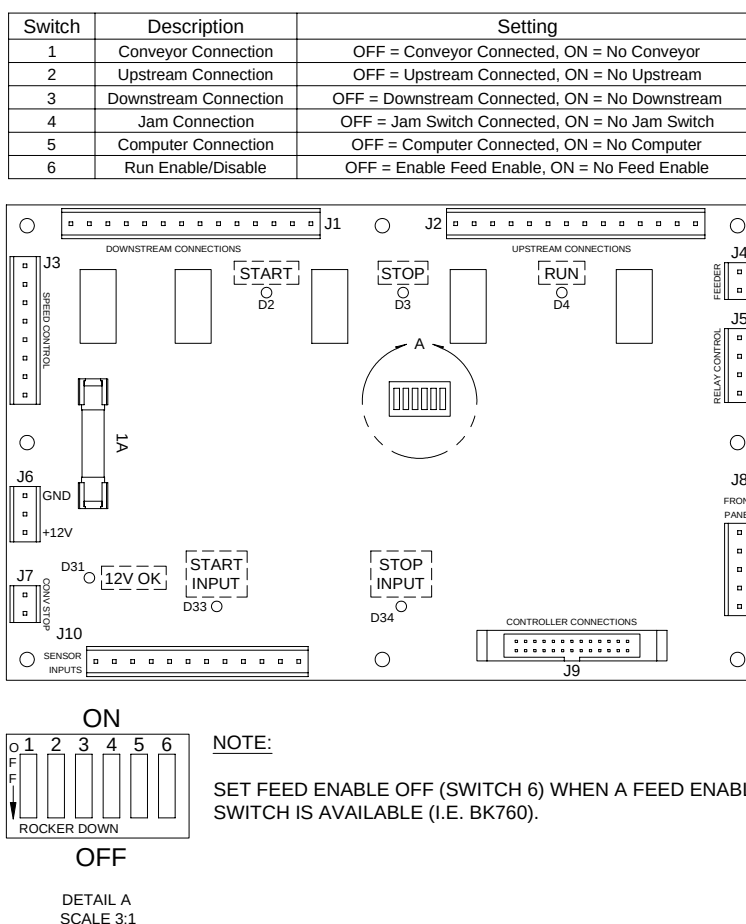
Symbol	Description	Dimensions	
O.W.	Overall Width	32.27"	820 mm
O.L.	Overall Length	50.12"	1273 mm
O.H.	Overall Height	64.91" to 66.13"	1649 mm to 1680 mm
B.C.	Minimum Base Clearance	2.20"	56 mm
X1	Leveling Foot Length	40.88"	1038 mm
Y1	Tabletop Height	32.78" to 34"	833 to 864 mm
Z1	Leveling Foot Width	24.00"	610 mm
Z2	Base Width	28.00"	711 mm

2.1 The Base Control Board

The Base Interface Board (BCB) contains the central control circuitry for the BK760 and BK76IB. In addition, the BCB interfaces with the computer and also handles communication with upstream and downstream equipment. The BCB is located inside the enclosure at the rear of the base (rear panel).

Access to the BCB should only be required if the system configuration is changed. This includes the use of conveyors, upstream and downstream systems, jam sensors, computers, and feeder enable/disable switches. In order to properly configure the BCB, the DIP switch settings must be set. The BCB can be seen in Figure 2-1 with a description of the proper DIP switch settings.

Figure 2-1: *Base Control Board - 9102380 (BCB)*



The BCB is also equipped with six LEDs. This can be used for troubleshooting the system. The description of each LED can be seen in Table 2-1.

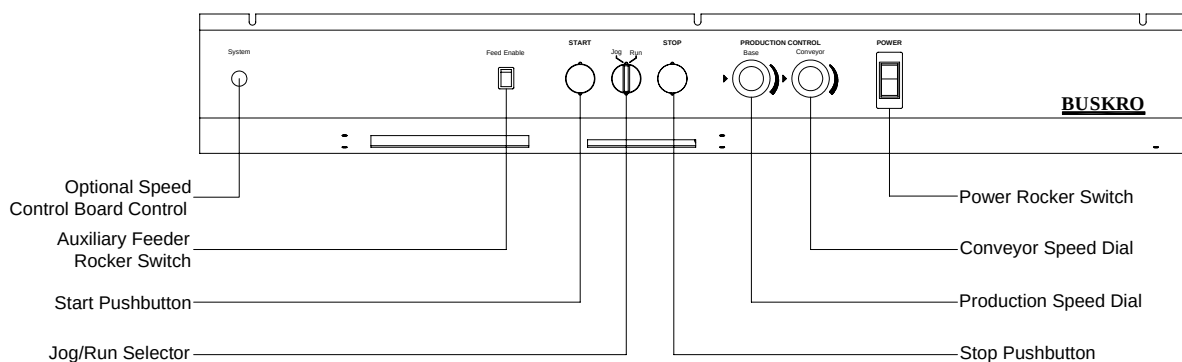
Table 2-1: *Base Control Board LED Descriptions*

LED	Color	Description
D2	Yellow	Indicates a start pulse is being sent to an upstream and downstream unit. Normally OFF. ON only during pulse duration (when an upstream, downstream, or the base Start is pressed).
D3	Green	Indicates a stop pulse is being sent to an upstream and downstream unit. Normally ON. OFF only during pulse duration (when an upstream, downstream, or the base Stop is pressed).
D4	Green	Indicates the base is running. ON if the base is running, OFF if the base has stopped.
D31	Green	+12 VDC is being supplied to the board. Will not indicate a blown fuse. Normally ON.
D33	Yellow	Indicates a start input is received. Normally OFF. ON as long as a start input is received.
D34	Red	Indicates a stop input. This signal will override any start signals. The base will not run as long as this light is ON and it will not send any start signals to upstream or downstream units. This LED is normally OFF.

2.2 Instrument Panel (Main Control)

The main controls for the base are found on the instrument panel located at the front of the machine (Figure 2-2).

Figure 2-2: *Base Instrument Panel*



2.2.1 Rocker Switches

There are two main rocker switches on the front panel. The **POWER** switch turns on and off the main power to the base including the vacuum blower. The **Feed Enable** switch is used to enable and disable the functionality of an auxiliary feeder. When enabled, the feeder will start and stop with the base. When disabled, the feeder will remain off while the base transport is on. In addition, when the **Feed Enable** is off, the base will not start any upstream units.

2.2.2 Pushbuttons

There are two main pushbuttons on the front panel. The **START** button starts the base as well as any interconnected units (i.e. feeders, bases, and conveyors) while the **STOP** button stops the system.

2.2.3 Run/Jog Selector Knob

The Run/Jog selector is a knob that permits a choice between continuous and intermittent machine operation. When the **Run** mode has been selected and the **Start** button is pressed, the machine will operate continuously. In the **Jog** mode, the machine will cycle only as long as the **Start** button remains pressed.

2.2.4 Control Dials

The two main production control dials on the instrument panel are the **Base** and **Conveyor** dials. They control the speed of the transport base and the optional conveyor respectively. In general, a clockwise rotation of the dial will increase the speed while a counter-clockwise rotation will decrease the speed.

2.3 Interconnecting Units (Systems)

The BK760 / BK76IB was designed to be modular. As a result, it is possible to interconnect it with other Buskro products such as feeders, transport bases, controllers, extension tables, and conveyors.

With the exception of friction feeders, controllers, and conveyors, most Buskro units are interconnected through the use of a Universal Interconnect Cable (9102083A). In general, this cable is connected to the downstream connector of one unit and the upstream connector of another unit. By definition, upstream units are machines that are physically ahead of the unit in question in terms of product flow. Downstream units are machines that are physically after the unit (i.e. the product travels on the upstream unit, then the unit in question, then the downstream unit). In the case of the BK760 / BK76IB, it is equipped with both an upstream and downstream connector. As a result, it is considered an inline unit (it can be placed either upstream or downstream of another unit or both).

In order to interconnect the BK760 / BK76IB to friction feeders, controllers, or conveyors, separate connectors are provided. This includes a 14-Pin auxiliary feeder connector, a 26-Pin I/O Controller ribbon cable connector (For BK76IB only), and a 7-Pin Conveyor connection. Reference Figure 1-1 for the locations of the interconnection connectors.

Note: In order to interconnect other units, the DIP switch settings on the Base Control Board may need to be changed. Reference Section 2.1 for more details.

2.4 Material Side Guide Adjustments

In units equipped with material side guides (9102181A), the incoming product can be correctly aligned before being presented underneath the printheads. This is useful if the product is fed into the transport base in a skewed manner.

Note: When adjusting the material side guides, the guides should not squeeze the product (otherwise it will retard the products motion and result in incorrect print positioning). Instead, the guides should be approximately 1/16" from the edge of the product on both sides.

2.5 Maintenance Schedule

The maintenance schedule table presented below applies to equipment which is operated daily on an 8-hour basis. If the equipment is used more frequently, the maintenance schedule must be adjusted accordingly.

Table 2-2: *Maintenance Schedule Table*

Period	Maintenance Function
Daily	Wipe table surface clean of paper dust and other accumulated debris. Remove the front door and clean any debris which may have fallen into the machine. Wipe away any ink which may have settled on the tabletops, belts, and rollers.
Monthly	Clean vacuum lines and fittings with compressed air.
Semi-Annually	Examine all mechanical drive components for wear. Replace if necessary. Examine the table belts and feed rollers for wear. Replace if necessary.

Note: The availability of a small air compressor is recommended. Compressed air is useful in removing debris and is indispensable in cleaning out the vacuum systems.

Assembly Drawings

Appendix A

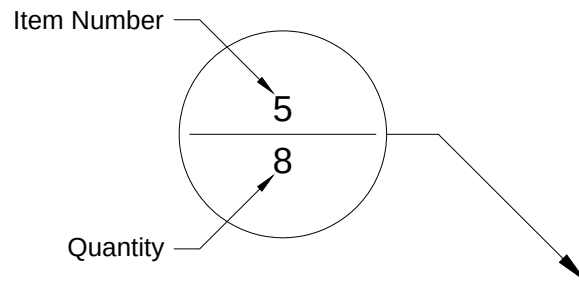
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Balloon Annotation and Parts Listing



Item	Part Number	Quantity	Description	Reference
1				
2				

The following is a description of how to interpret the information in this section:

Item:

This column indicates the item number used for each unique part in an assembly drawing. It is matched with the top number in the balloon pointing at the associated part.

Part Number:

This column represents the Buskro part number.

Quantity:

This represents the total number of a given part in an assembly. It is matched with the bottom number in the balloon pointing at the associated part.

Description:

This column contains a brief description of the part.

Reference:

This column indicates the page location for sub-assemblies.

Table A-1: System, BK760, Left, Test (BKT760L)

Item	Part Number	Quantity	Description	Reference
1	403510	6	Screw, BHCS, 8-32 UNC x 1/4"	
2	404510	20	Screw, BHCS, 10-32 UNF x 1/4"	
3	405510	8	Screw, BHCS, 1/4-20 UNC x 1/4"	
4	405520	4	Screw, BHCS, 1/4-20 UNC x 3/8	
5	405560	8	Screw, BHCS, 1/4-20 UNC x 7/8"	
6	439010	8	Lockwasher, 1/4" I.D.	
7	440010	8	Washer, 1/4" ID	
8	446000	2	Slide Latch - A3	
9	717530	2	Door Catch	
10	9100361	2	T-Nut, 1/4-20 Triple	
11	9100749	2	Rubber Washer, 3/8" ID x 1" x 1/8"	
12	9101644	2	Sponge Rubber, 1/4 x 3/8 (1" Long)	
13	9101723	2	Gray T-Slot Cover 15 Series (20" Long)	
14	9102066LA	1	Panels Assembly, BK760, Left	Page A-15
15	9102075	1	Door, Cabinet Front	
16	9102076	2	Door, Cabinet Back	
17	9102172	2	Cover, Roller, BK760	
18	9102177	2	Bushing, Snap-In	
19	9102296A	1	Outfeed Roller Assembly	Page A-32
20	9102348	4	Endcap, 10 Series, 3" X 1"	
21	9102351	1	Cover, Computer Chassis	
22	9102420	1	Cover, Pulley	
23	9102469	2	Cover, Monitor Mount Rail	
24	9102726	1	Grommet, Rubber, 2" O.D	

Figure A-1: System, BK760, Left, Test (BKT760L)

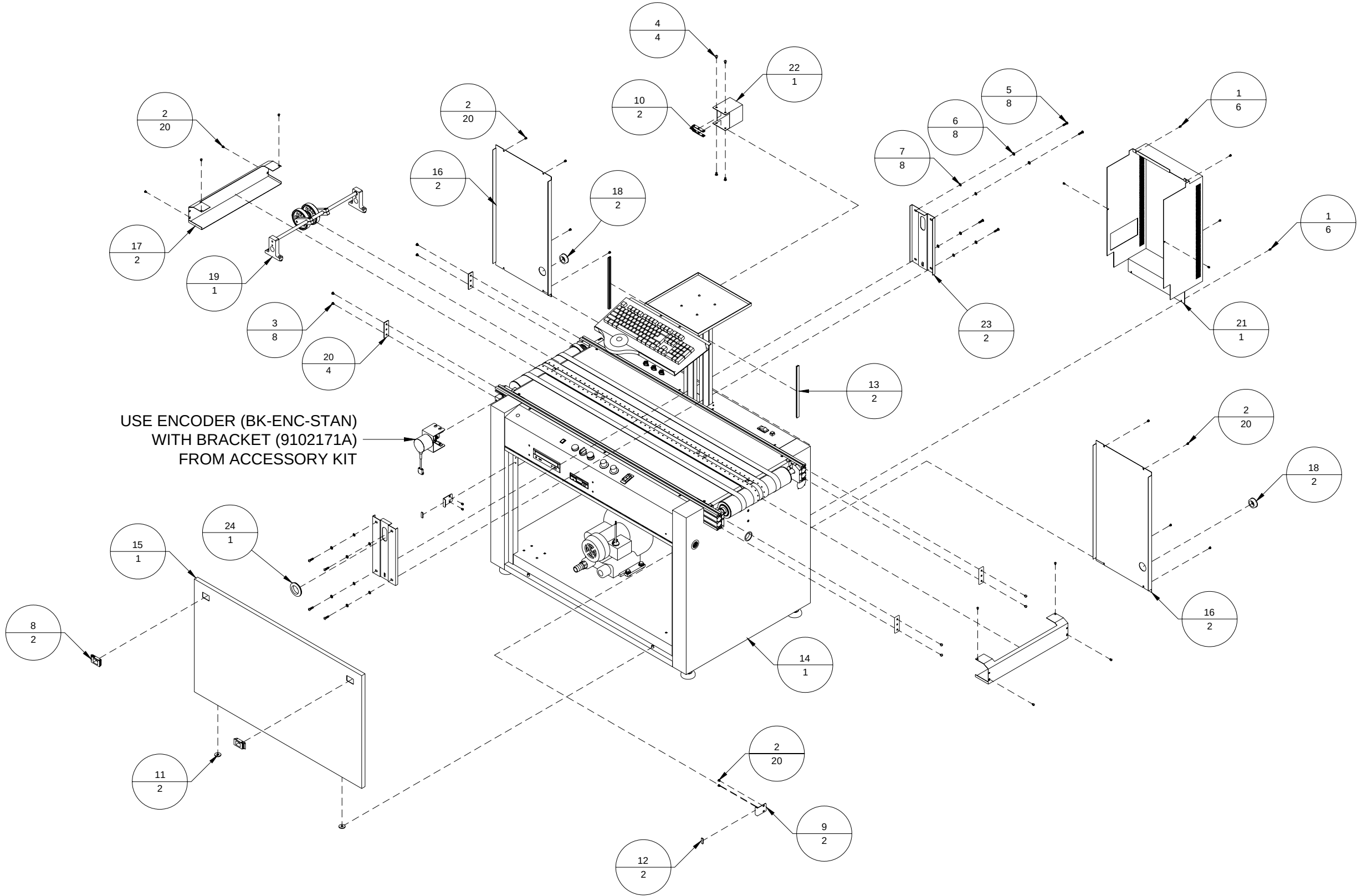


Table A-2: System, BK760, Right, Test (BKT760R)

Item	Part Number	Quantity	Description	Reference
1	403510	6	Screw, BHCS, 8-32 UNC x 1/4"	
2	404510	20	Screw, BHCS, 10-32 UNF x 1/4"	
3	405510	8	Screw, BHCS, 1/4-20 UNC x 1/4"	
4	405520	4	Screw, BHCS, 1/4-20 UNC x 3/8	
5	405560	8	Screw, BHCS, 1/4-20 UNC x 7/8"	
6	439010	8	Lockwasher, 1/4" I.D.	
7	440010	8	Washer, 1/4" ID	
8	446000	2	Slide Latch - A3	
9	717530	2	Door Catch	
10	9100361	2	T-Nut, 1/4-20 Triple	
11	9100749	2	Rubber Washer, 3/8" ID x 1" x 1/8"	
12	9101644	2	Sponge Rubber, 1/4 x 3/8 (1" LG.)	
13	9101723	2	Gray T-Slot Cover 15 Series (20" Long)	
14	9102066RA	1	Panels Assembly, BK760, Right	Page A-17
15	9102075	1	Door, Cabinet Front	
16	9102076	2	Door, Cabinet Back	
17	9102172	2	Cover, Roller, BK760	
18	9102177	2	Bushing, Snap-In	
19	9102296A	1	Outfeed Roller Assembly	Page A-32
20	9102348	4	Endcap, 10 Series, 3" X 1"	
21	9102351	1	Cover, Computer Chassis	
22	9102420	1	Cover, Pulley	
23	9102469	2	Cover, Monitor Mount Rail	
24	9102726	1	Grommet, Rubber, 2" O.D	

Figure A-2: System, BK760, Right, Test (BKT760R)

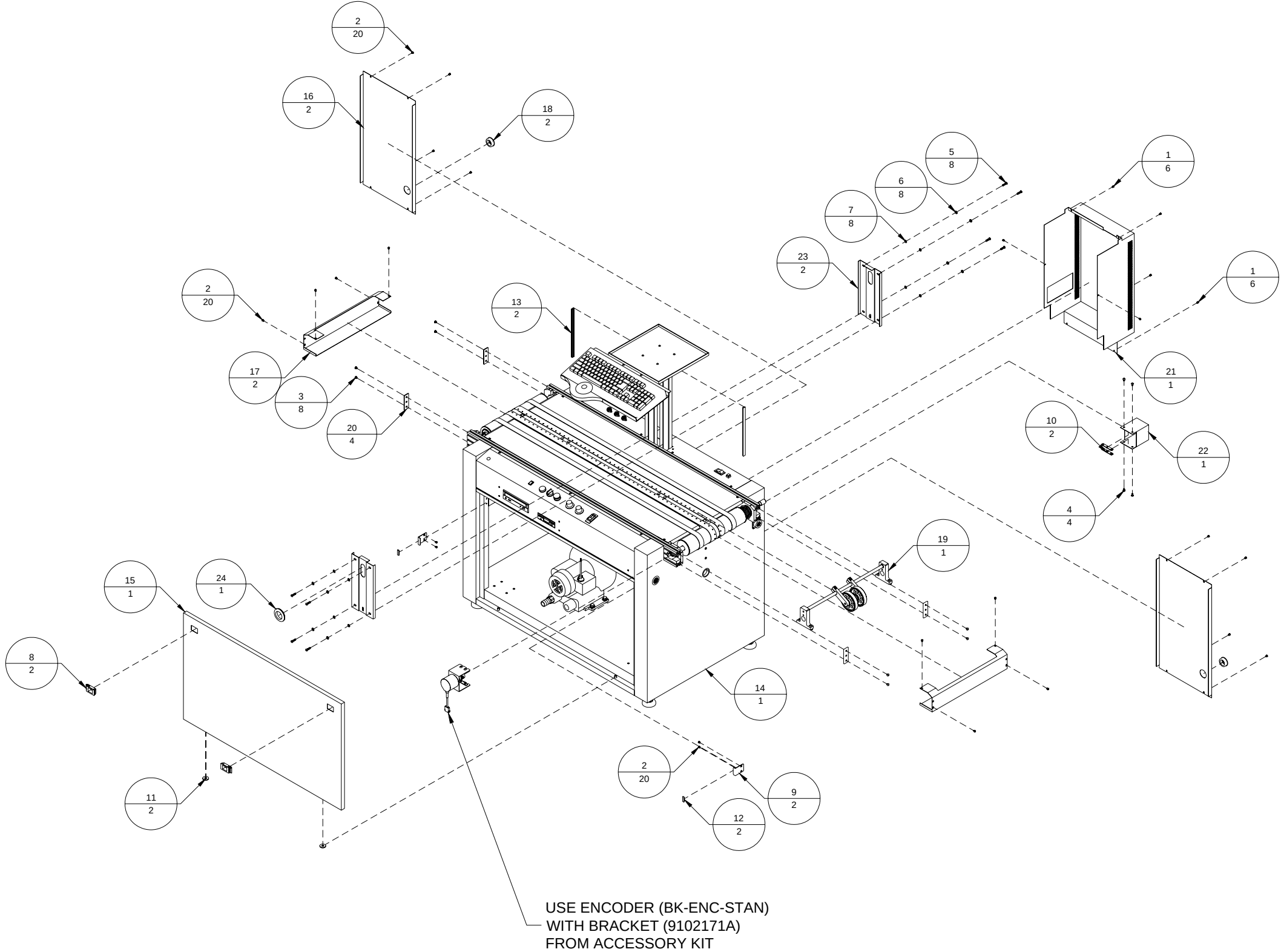


Table A-3: Base, BKT76IB, Left, Test (BKT76IBL)

Item	Part Number	Quantity	Description	Reference
1	404510	16	Screw, BHCS, 10-32 UNF x 1/4"	
2	405510	8	Screw, BHCS, 1/4-20 UNC x 1/4"	
3	405520	4	Screw, BHCS, 1/4-20 UNC x 3/8"	
4	446000	4	Slide Latch - A3	
5	717530	4	Door Catch	
6	9100361	2	T-Nut, 1/4-20 Triple	
7	9100749	4	Rubber Washer, 3/8" ID x 1" x 1/8"	
8	9101644	4	Sponge Rubber, 1/4 x 3/8 (1" Long)	
9	9102065LA	1	Panels Assembly, BK76IB, Left	Page A-11
10	9102075	2	Door, Cabinet Front	
11	9102172	2	Cover, Roller, BK760	
12	9102296A	1	Outfeed Roller Assembly	Page A-32
13	9102348	4	Endcap, 10 Series, 3" x 1"	
14	9102420	1	Cover, Pulley	

Figure A-3: Base, BK76IB Left, Test (BKT76IBL)

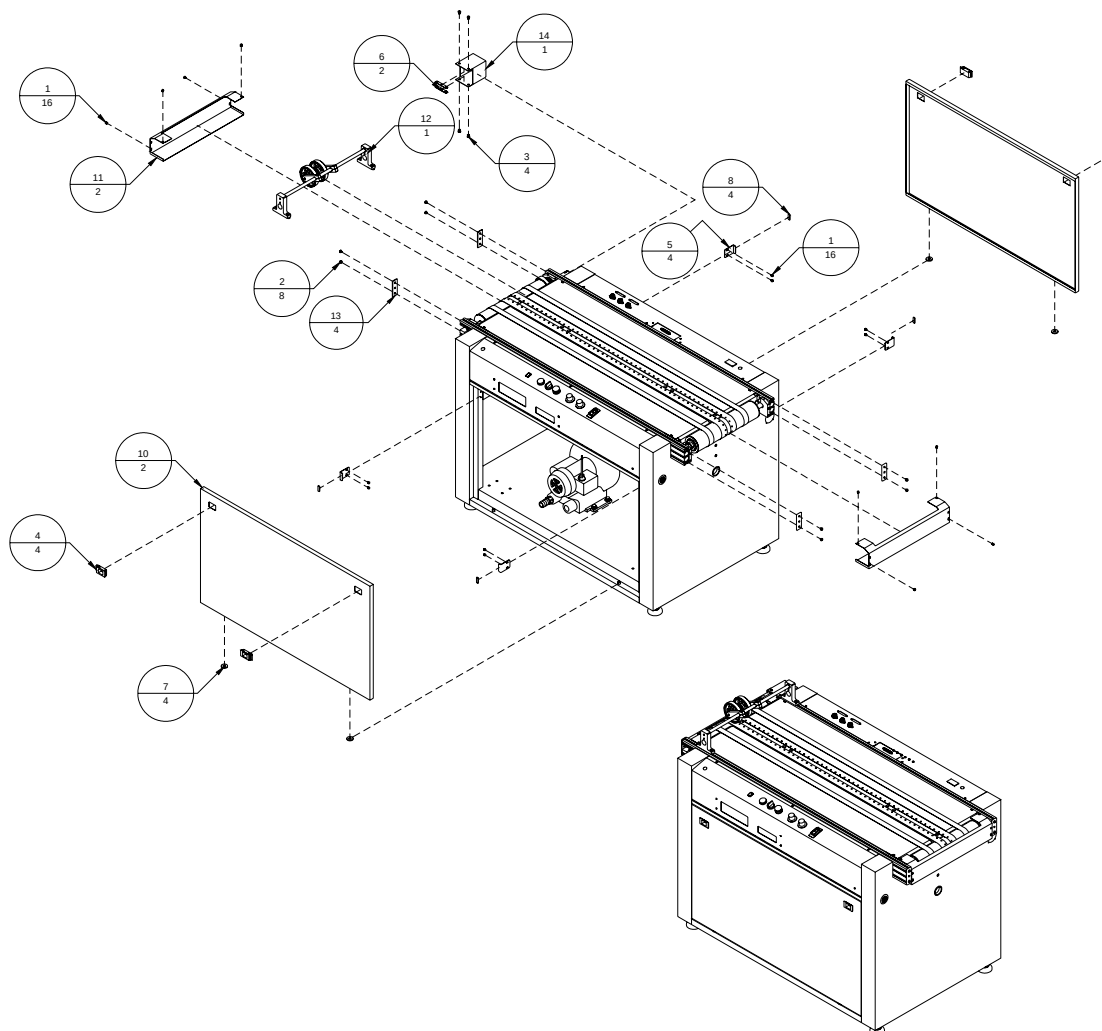


Table A-4: Base, BKT76IB, Right, Test (BKT76IBR)

Item	Part Number	Quantity	Description	Reference
1	404510	16	Screw, BHCS, 10-32 UNF x 1/4"	
2	405510	8	Screw, BHCS, 1/4-20 UNC X 1/4"	
3	405520	4	Screw, BHCS, 1/4-20 UNC X 3/8"	
4	446000	4	Slide Latch - A3	
5	717530	4	Door Catch	
6	9100361	2	T-Nut, 1/4-20 Triple	
7	9100749	4	Rubber Washer, 3/8" ID x 1" x 1/8"	
8	9101644	4	Sponge Rubber, 1/4 x 3/8	
9	9102065RA	1	Panels Assembly, BK76IB, Right	Page A-13
10	9102075	2	Door, Cabinet Front	
11	9102172	2	Cover, Roller, BK760	
12	9102296A	1	Outfeed Roller Assembly	Page A-32
13	9102348	4	Endcap, 10 Series, 3" X 1"	
14	9102420	1	Cover, Pulley	

Figure A-4: Base, BK76IB Right, Test (BKT76IBR)

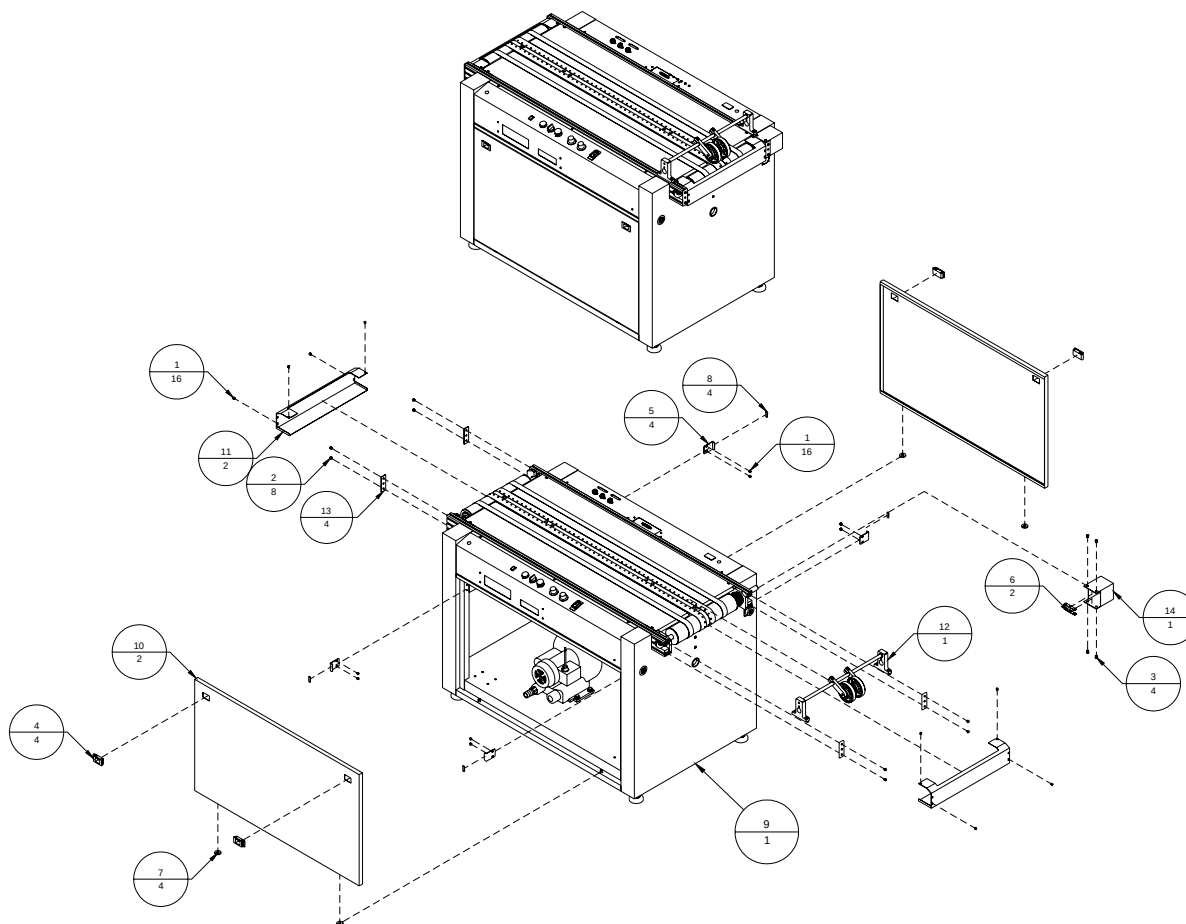


Table A-5: *Table, Friction Feeder Assembly – Optional (BK723)*

Item	Part Number	Quantity	Description	Reference
1	405520	6	Screw, BHCS, 1/4-20 UNC x 3/8"	
2	416185	2	Shoulder Bolt, 3/8" x 2" (5/16-18 UNC)	
3	420015	2	Nut, 5/16-18 UNC	
4	439015	2	Lockwasher, 5/16 I.D.	
5	440015	2	Washer, 5/16" I.D.	
6	9102192	1	Support Leg, Feeder Table	
7	9102195A	1	Table, Friction Feeder	
8	9102198	1	Support Joint, Feeder Table	
9	9102199	2	Endcap, 1-3/4", 10-14 Gauge Tube	
10	9102344	4	T-Nut, 1/4-20 UNC, Single	

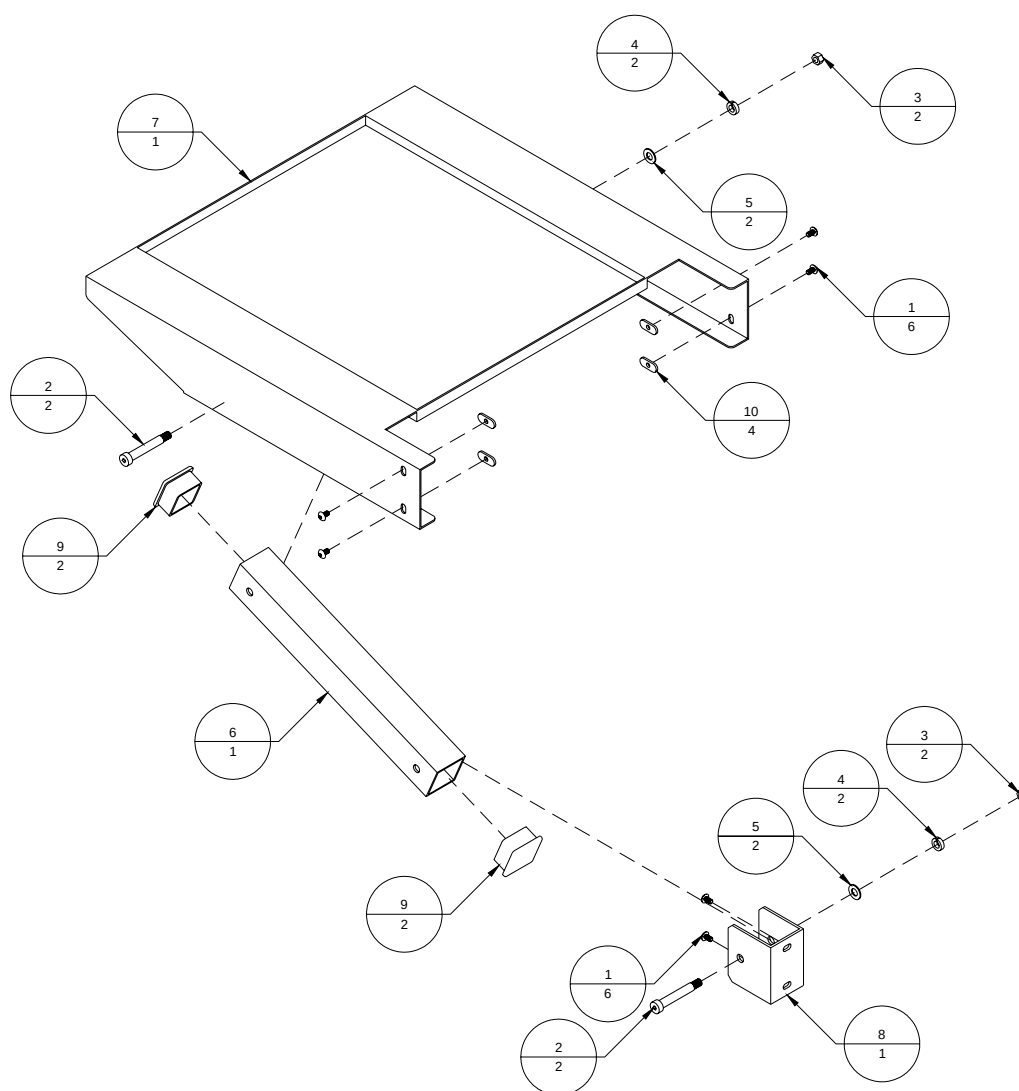
Figure A-5: *Table, Friction Feeder Assembly – Optional (BK723)*

Table A-6: *Datapath Card Assembly (9100194A)*

Item	Part Number	Quantity	Description	Reference
1	401310	4	Screw, PHMS, 4-40 UNC x 1/4"	
2	403510	1	Screw, BHCS, 8-32 UNC X 1/4"	
3	420004	4	Nut, 4-40 UNC	
4	440530	1	Washer, #6 Nylon	
5	615322	8	Female Screwlock, 4-40 UNC	
6	9100194	1	Data Path Card S/N	
7	9100232A	1	Card Mounting Panel Assembly	
8	9100335	1	Secondary Card Support Bracket	

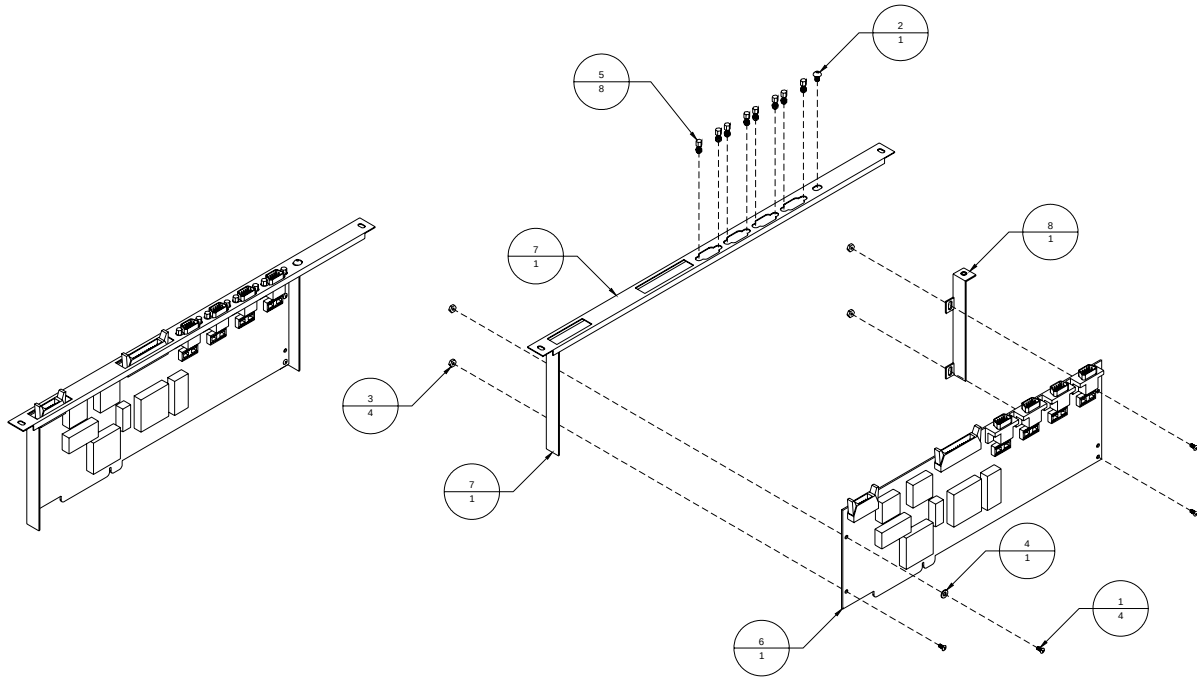
Figure A-6: *Datapath Card Assembly (9100194A)*

Table A-7: *Fan Assembly, 12VDC (9100343A)*

Item	Part Number	Quantity	Description	Reference
1	614008	2	Contact, Male, 24-18 AWG, Mate-n-lok	
2	614009	1	Connector, 4-Pin, Male, Mate-n-lok	
3	9100343	1	Fan, 12 VDC	

Figure A-7: *Fan Assembly, 12VDC (9100343A)*

Pin 1 = Black
Pin 2 = Red

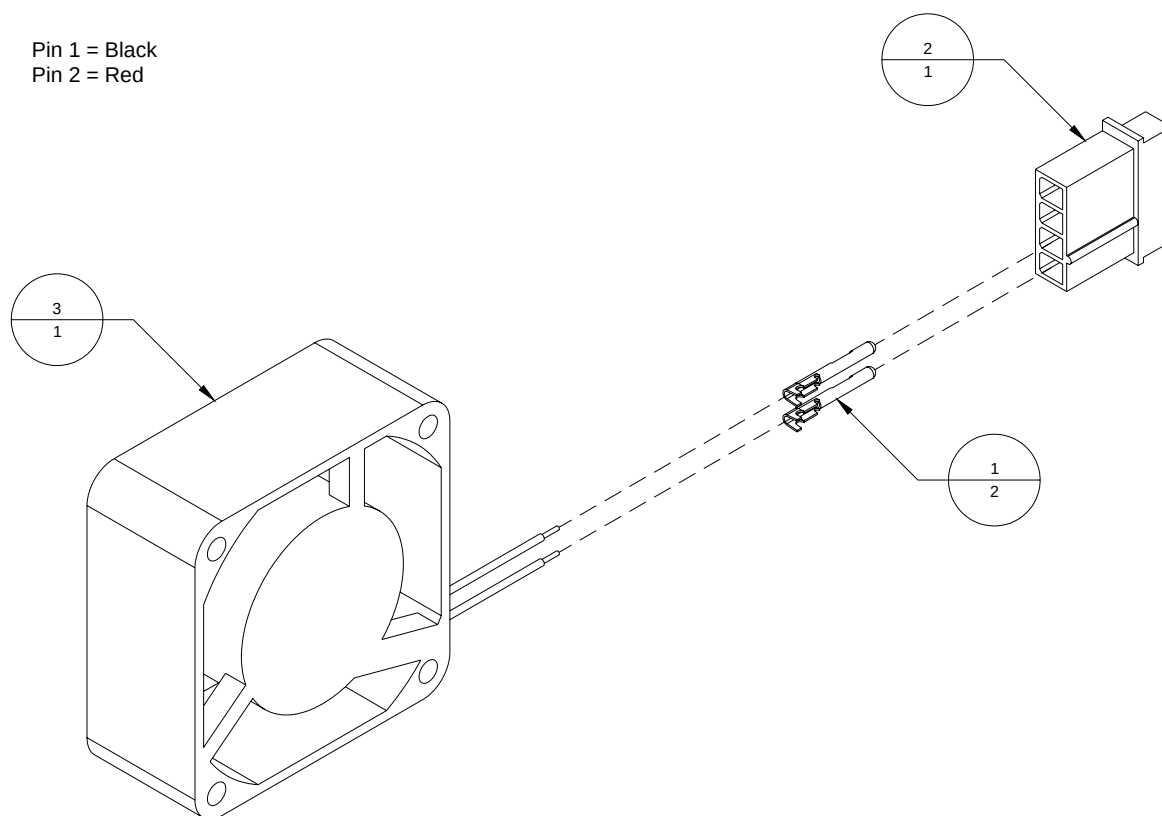


Table A-8: *Blower Assembly (9100829A)*

Item	Part Number	Quantity	Description	Reference
1	407670	4	Screw, HHMS, 3/8-16 UNC x 1"	
2	439020	4	Lockwasher, 3/8" I.D.	
3	440020	4	Washer, 3/8" I.D.	
4	606034	65"	Cable, #16-3 SJOW-A	
5	609101	2	Marette, Orange, 14-22	
6	609111	1	Ring Tongue Terminal	
7	615131	1	Box Connector, 3/8", Cable	
8	802111	1	Hose Barb, 1" X 1", Plastic	
9	9100749	4	Rubber Washer, 3/8" X 1" X 1/8"	
10	9100829	1	Regenerative Blower, 42 CFM	

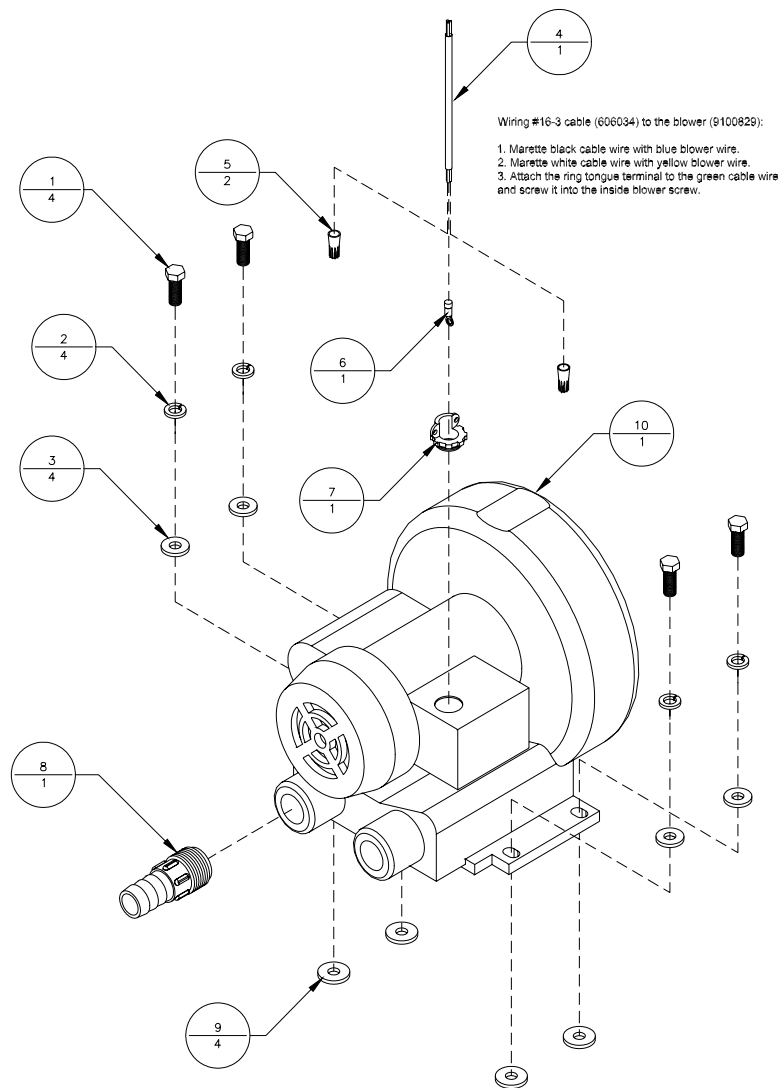
Figure A-8: *Blower Assembly (9100829A)*

Table A-9: *Panels Assembly, BK76IB, Left (9102065LA)*

Item	Part Number	Quantity	Description	Reference
1	402310	16	Screw, PHMS, 6-32 UNC x 1/4"	
2	404282	6	Screw, SHCS, 10-32 UNF x 1 3/4"	
3	404510	13	Screw, BHCS, 10-32 UNF x 1/4"	
4	405560	12	Screw, BHCS, 1/4-20 UNC x 7/8"	
5	420008	6	Nut, 10-32 UNF	
6	439009	17	Lockwasher, No. 10	
7	439010	12	Lockwasher, 1/4" I.D.	
8	440008	17	Washer, #10 ID	
9	440010	12	Washer, 1/4" ID	
10	9101305	1	Hole Plug, 1/2" dia.	
11	9101478	1	Hole Plug, Dome, 1.25"	
12	9101479	1	Hole Plug, Dome, 1.75"	
13	9102067LA	1	Tabletop Assembly, Left	Page A-19
14	9102185A	1	Cover, Front Panel Assembly	Page A-28
15	9102201A	1	Rear Panel Cover Assembly	Page A-31
16	9102211	1	Cover, Front Panel Cutout	
17	9102602	1	Plug, Rocker Switch Cutout, LTIG Series	
18	9102645A	1	Cover, Controller I/O	Page A-35
19	9102684A	1	Base Assembly	Page A-36
20	9102727A	1	Cable, Upstream Remote, Left	
21	9102728A	1	Cable, Conveyor Extension, Left	
22	9102729A	1	Cable, Downstream Remote, Left	
23	9102730A	1	Cable, Feeder Receptacle, Left	

Figure A-9: *Panels Assembly, BK76IB, Left (9102065LA)*

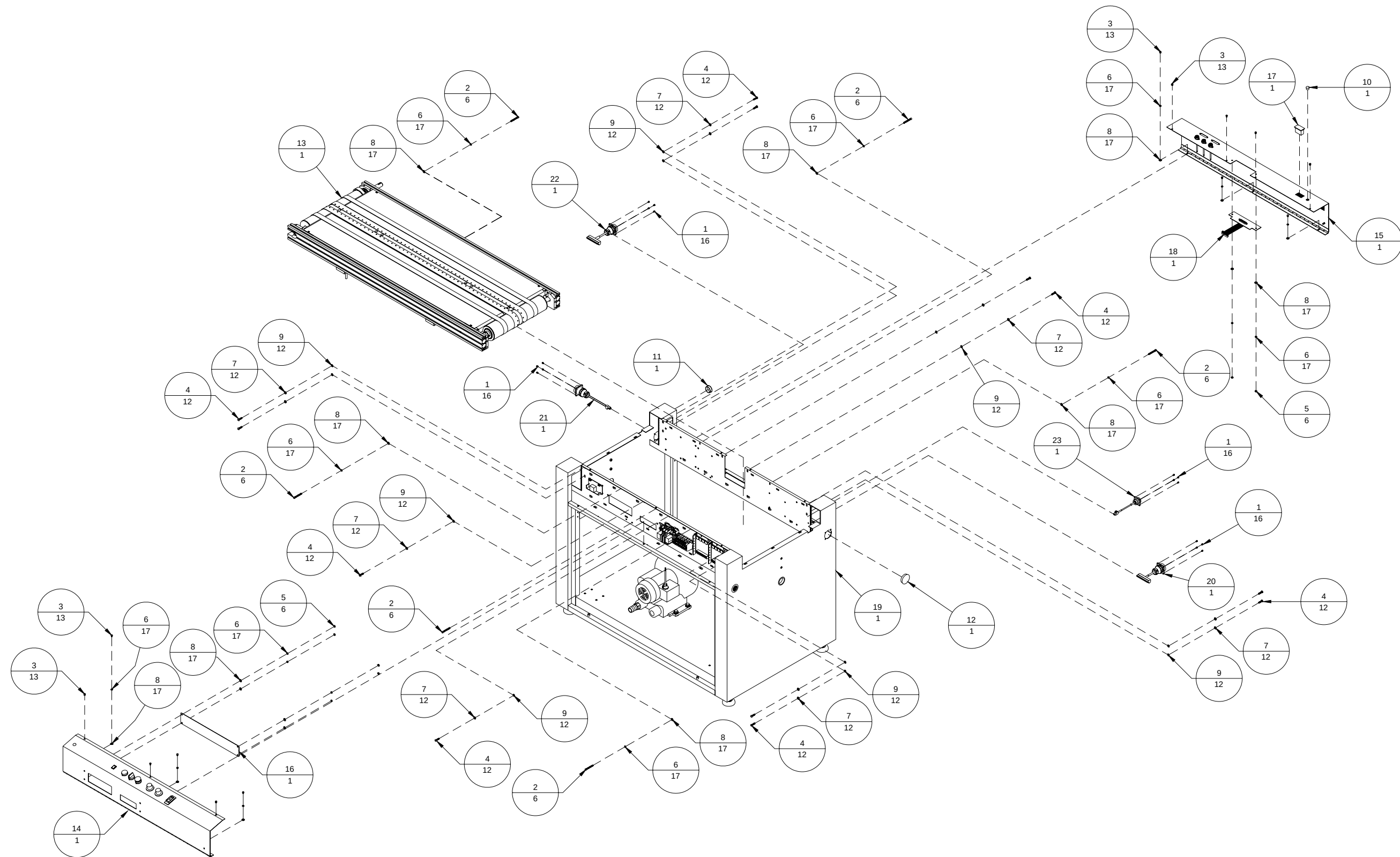


Table A-10: *Panels Assembly, BK76IB, Right (9102065RA)*

Item	Part Number	Quantity	Description	Reference
1	402310	16	Screw, PHMS, 6-32 UNC x 1/4"	
2	404282	6	Screw, SHCS, 10-32 UNF x 1 3/4"	
3	404510	13	Screw, BHCS, 10-32 UNF x 1/4"	
4	405560	12	Screw, BHCS, 1/4-20 UNC x 7/8"	
5	420008	6	Nut, 10-32 UNF	
6	439009	17	Lockwasher, No. 10	
7	439010	12	Lockwasher, 1/4" I.D.	
8	440008	17	Washer, #10 ID	
9	440010	12	Washer, 1/4" ID	
10	9101305	1	Hole Plug, 1/2" dia.	
11	9101478	1	Hole Plug, Dome, 1.25"	
12	9101479	1	Hole Plug, Dome, 1.75"	
13	9102067RA	1	Tabletop Assembly, Right	Page A-20
14	9102185A	1	Cover, Front Panel Assembly	Page A-28
15	9102201A	1	Rear Panel Cover Assembly	Page A-31
16	9102211	1	Cover, Front Panel Cutout	
17	9102417A	1	Cable, Upstream Remote (BK760)	
18	9102418A	1	Cable, Conveyor Extension, Right	
19	9102419A	1	Cable, Downstream Remote, Right	
20	9102421A	1	Cable, Feeder Receptacle, Right	
21	9102602	1	Plug, Rocker Switch Cutout, LTIG Series	
22	9102645A	1	Cover, Controller I/O	Page A-35
23	9102684A	1	Base Assembly	Page A-36

Figure A-10: Panels Assembly, BK76IB, Right (9102065RA)

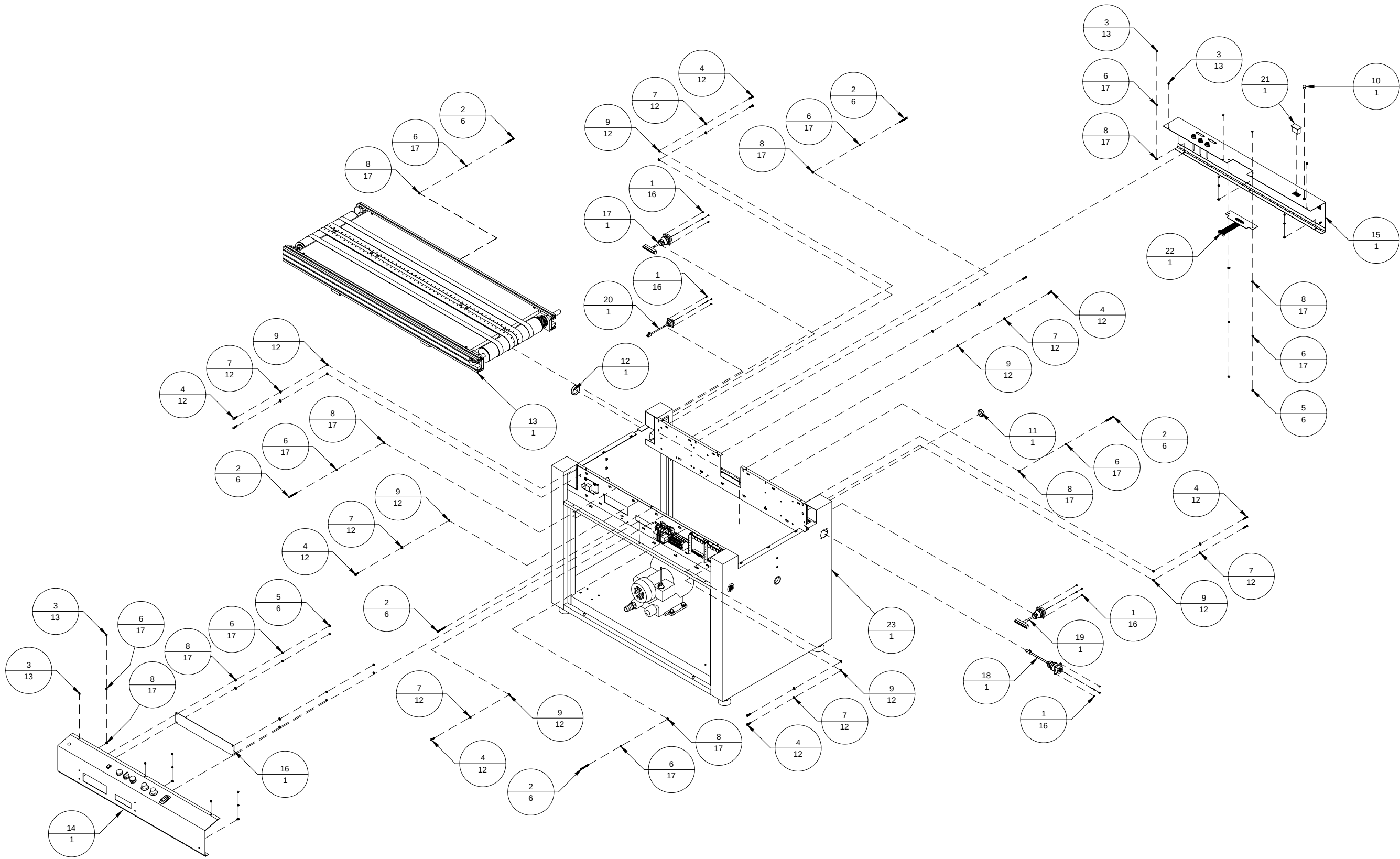


Table A-11: *Panels Assembly, BK760, Left (9102066LA)*

Item	Part Number	Quantity	Description	Reference
1	402310	16	Screw, PHMS, 6-32 UNC x 1/4"	
2	404282	6	Screw, SHCS, 10-32 UNF x 1 3/4"	
3	404510	13	Screw, BHCS, 10-32 UNF x 1/4"	
4	405270	4	Screw, SHCS, 1/4-20 UNC x 1"	
5	405285	2	Screw, SHCS, 1/4-20 UNC x 2"	
6	405560	12	Screw, BHCS, 1/4-20 UNC x 7/8"	
7	406250	2	Screw, SHCS, 5/16-18 UNC x 3/4"	
8	439009	11	Lockwasher, No. 10	
9	439010	12	Lockwasher, 1/4" I.D.	
10	440008	11	Washer, #10 ID	
11	440010	12	Washer, 1/4" ID	
12	606039	2	Cable, #14-2, Shielded, BK/RD (18" Long)	
13	609110	4	Connector, Push-on, Blue	
14	9100199A	1	Cable, Momentary Switch	
15	9101478	1	Hole Plug, Dome, 1.25"	
16	9101479	1	Hole Plug, Dome, 1.75"	
17	9102067LA	1	Tabletop Assembly, Left	Page A-19
18	9102183A	1	Monitor Mounting Tray Assembly	Page A-27
19	9102185A	1	Cover, Front Panel Assembly	Page A-28
20	9102201A	1	Rear Panel Cover Assembly	Page A-31
21	9102288	1	Keyboard with Built-in Trackball	
22	9102412	1	Bracket, Monitor Mount Support	
23	9102601	1	Switch, Rocker, 250VAC/10A, DPST, LTIGK51	
24	9102685A	1	Base Assembly w/Controller, BK760	Page A-38
25	9102727A	1	Cable, Upstream Remote, Left	
26	9102728A	1	Cable, Conveyor Extension, Left	
27	9102729A	1	Cable, Downstream Remote, Left	
28	9102730A	1	Cable, Feeder Receptacle, Left	

Figure A-11: *Panels Assembly, BK760, Left (9102066LA)*

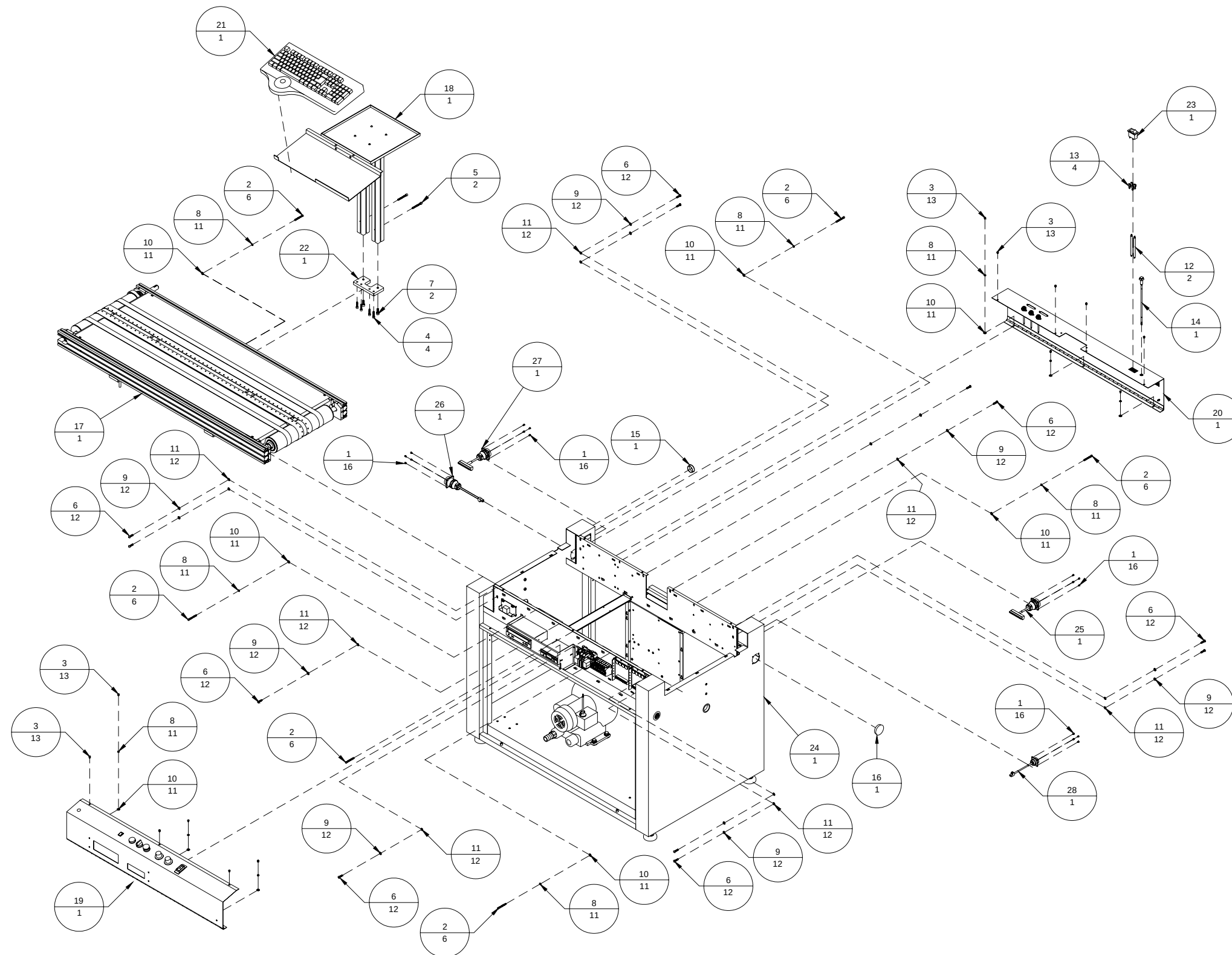


Table A-12: *Panels Assembly, BK760, Right (9102066RA)*

Item	Part Number	Quantity	Description	Reference
1	402310	16	Screw, PHMS, 6-32 UNC x 1/4"	
2	404282	6	Screw, SHCS, 10-32 UNF x 1 3/4"	
3	404510	13	Screw, BHCS, 10-32 UNF x 1/4"	
4	405270	4	Screw, SHCS, 1/4-20 UNC x 1"	
5	405285	2	Screw, SHCS, 1/4-20 UNC x 2"	
6	405560	12	Screw, BHCS, 1/4-20 UNC x 7/8"	
7	406250	2	Screw, SHCS, 5/16-18 UNC x 3/4"	
8	439009	11	Lockwasher, No. 10	
9	439010	12	Lockwasher, 1/4" I.D.	
10	440008	11	Washer, #10 ID	
11	440010	12	Washer, 1/4" ID	
12	606039	2	Cable, #14-2, Shielded, BK/RD (18" Long)	
13	609110	4	Connector, Push-on, Blue	
14	9100199A	1	Cable, Momentary Switch	
15	9101478	1	Hole Plug, Dome, 1.25"	
16	9101479	1	Hole Plug, Dome, 1.75"	
17	9102067RA	1	Tabletop Assembly, Right	Page A-20
18	9102183A	1	Monitor Mounting Tray Assembly	Page A-27
19	9102185A	1	Cover, Front Panel Assembly	Page A-28
20	9102201A	1	Rear Panel Cover Assembly	Page A-31
21	9102288	1	Keyboard with Built-in Trackball	
22	9102412	1	Bracket, Monitor Mount Support	
23	9102417A	1	Cable, Upstream Remote (BK760)	
24	9102418A	1	Cable, Conveyor Extension, Right	
25	9102419A	1	Cable, Downstream Remote, Right	
26	9102421A	1	Cable, Feeder Receptacle, Right	
27	9102601	1	Switch, Rocker, 250VAC/10A, DPST, LTIGK51	
28	9102685A	1	Base Assembly w/Controller, BK760	Page A-38

Figure A-12: *Panels Assembly, BK760, Right (9102066RA)*

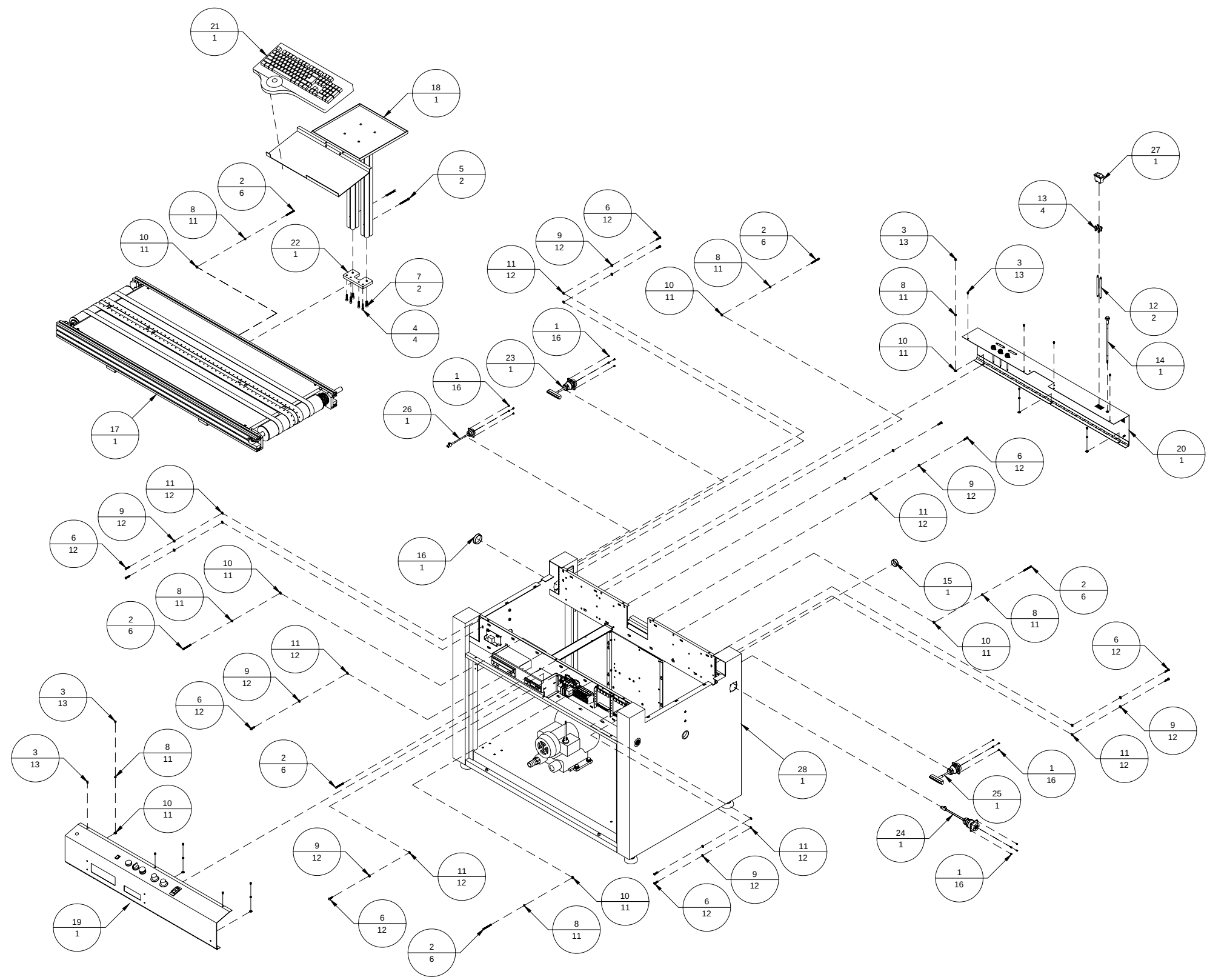


Table A-13: *Tabletop Assembly, BK760, Left (9102067LA)*

Item	Part Number	Quantity	Description	Reference
1	116309	1	Pulley, 18LB075 x 3/4" w/o Shoulder	
2	404510SS	4	Screw, BHCS, 10-32 UNF x 1/4" SS	
3	405550	12	Screw, BHCS, 1/4-20 UNC x 3/4"	
4	405850	2	Screw, SHSS, 1/4-20 UNC x 3/4"	
5	416170	8	Shoulder Bolt, 3/8" x 1" (5/16-18)	
6	436300	1	Spring Pin, 3/16" Dia. X 1 3/4" Long	
7	440006	8	Washer, #8, 1/2" O.D. x 0.05" Thick	
8	500055	2	Bearing, UBR-204-12S, 3/4" ID	
9	9100361	4	T-Nut, 1/4-20 Triple	
10	9101031A	1	Inline Roller	
11	9102067	2	Tabletop, Side, BK760	
12	9102071	2	Mount Block, Drive Roller	
13	9102081A	1	Frame, Tabletop Assembly	Page A-21
14	9102167	8	Bushing, Belt Guide	
15	9102169	1	Shaft, 0.75" OD x 22.38" Lg.	
16	9102174LA	1	Motor Assembly, Left, BK760	Page A-23
17	9102300A	1	Roller Assembly, Belt Tensioner	Page A-33
18	9102667A	1	Belt Set, Transport, BK760	
19	9102689A	1	Tabletop, Middle Plate Assembly	Page A-40
20	9102773	8	Screw, Thumb, 8-32 UNC x 3/8" LG	

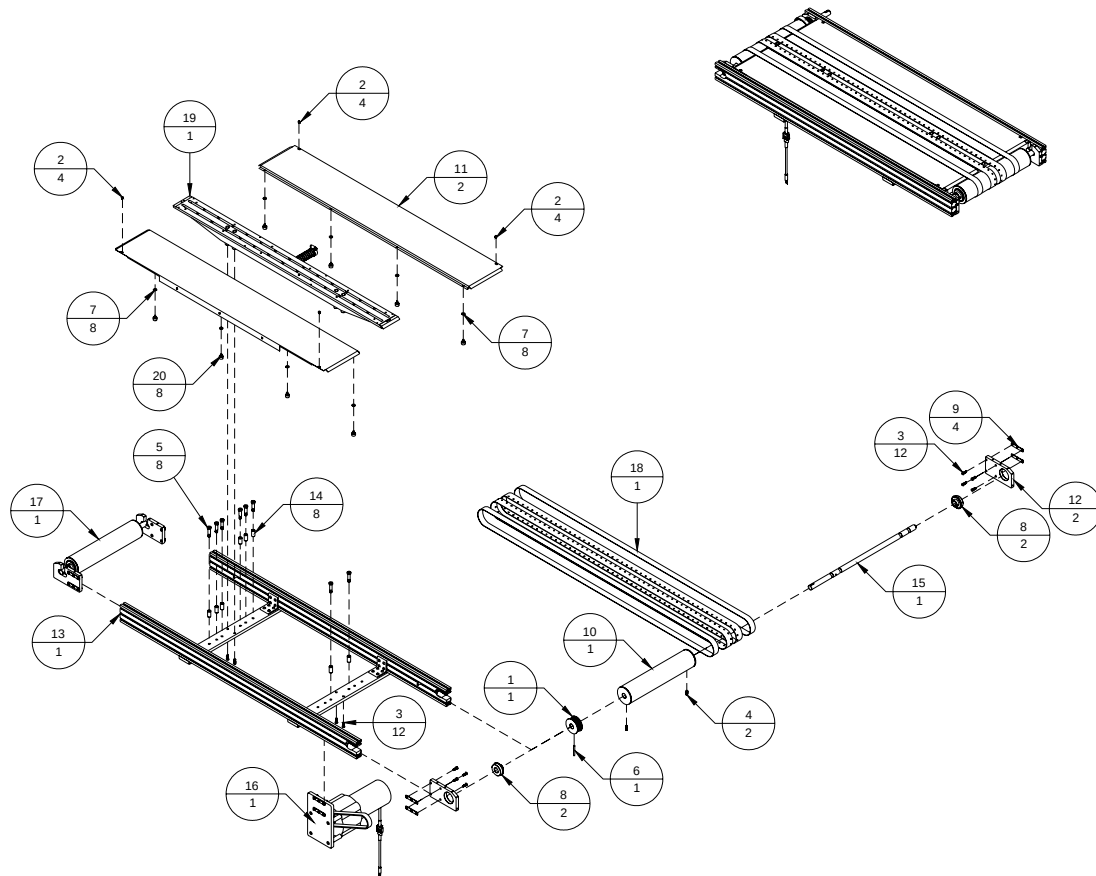
Figure A-13: *Tabletop Assembly, BK760, Left (9102067LA)*

Table A-14: *Tabletop Assembly, Right, BK760 (9102067RA)*

Item	Part Number	Quantity	Description	Reference
1	116309	1	Pulley, 18LB075 x 3/4" w/o Shoulder	
2	404510SS	4	Screw, BHCS, 10-32 UNF x 1/4" SS	
3	405550	12	Screw, BHCS, 1/4-20 UNC x 3/4"	
4	405850	2	Screw, SHSS, 1/4-20 UNC x 3/4"	
5	416170	8	Shoulder Bolt, 3/8" x 1" (5/16-18)	
6	436300	1	Spring Pin, 3/16" Dia. x 1 3/4" Long	
7	440006	8	Washer, #8, 1/2" O.D. x 0.05" Thick	
8	500055	2	Bearing, UBR-204-12S, 3/4" ID	
9	9100361	4	T-Nut, 1/4-20 Triple	
10	9101031A	1	Inline Roller	
11	9102067	2	Tabletop, Side, BK760	
12	9102071	2	Mount Block, Drive Roller	
13	9102081A	1	Frame, Tabletop Assembly	Page A-21
14	9102167	8	Bushing, Belt Guide	
15	9102169	1	Shaft, 0.75" OD x 22.38" Lg.	
16	9102174RA	1	Motor Assembly, Right, BK760	Page A-24
17	9102300A	1	Roller Assembly, Belt Tensioner	Page A-33
18	9102667A	1	Belt Set, Transport, BK760	
19	9102689A	1	Tabletop, Middle Plate Assembly	Page A-40
20	9102773	8	Screw, Thumb, 8-32 UNC x 3/8" LG	

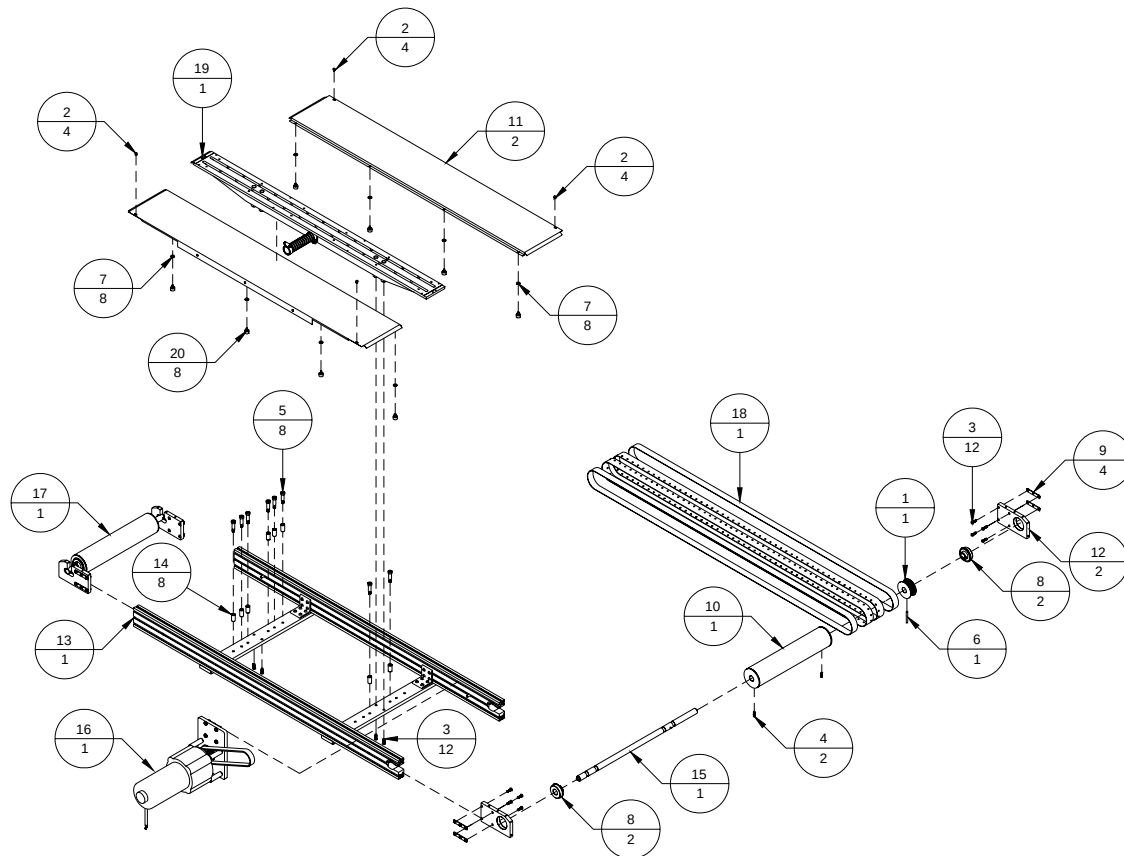
Figure A-14: *Tabletop Assembly, Right, BK760 (9102067RA)*

Table A-15: *Frame, Tabletop Assembly, BK760 (9102081A)*

Item	Part Number	Quantity	Description	Reference
1	405520	16	Screw, BHCS, 1/4-20 UNC x 3/8"	
2	405540	8	Screw, BHCS, 1/4-20 UNC x 5/8"	
3	405550	16	Screw, BHCS, 1/4-20 UNC x 3/4"	
4	436315	4	Pin, Dowel, 1/4" OD x 1-1/2" Lg.	
5	9101126	4	T-Nut, 1/4-20 UNC, Double	
6	9102081	2	Frame, Side, 1 x 3 x 50" Extrusion	
7	9102082	2	Frame, Cross Member, 0.5 x 2.25 x 20"	
8	9102301	4	Bracket, L-Shape, 1-7/8 x 2 x 2"	

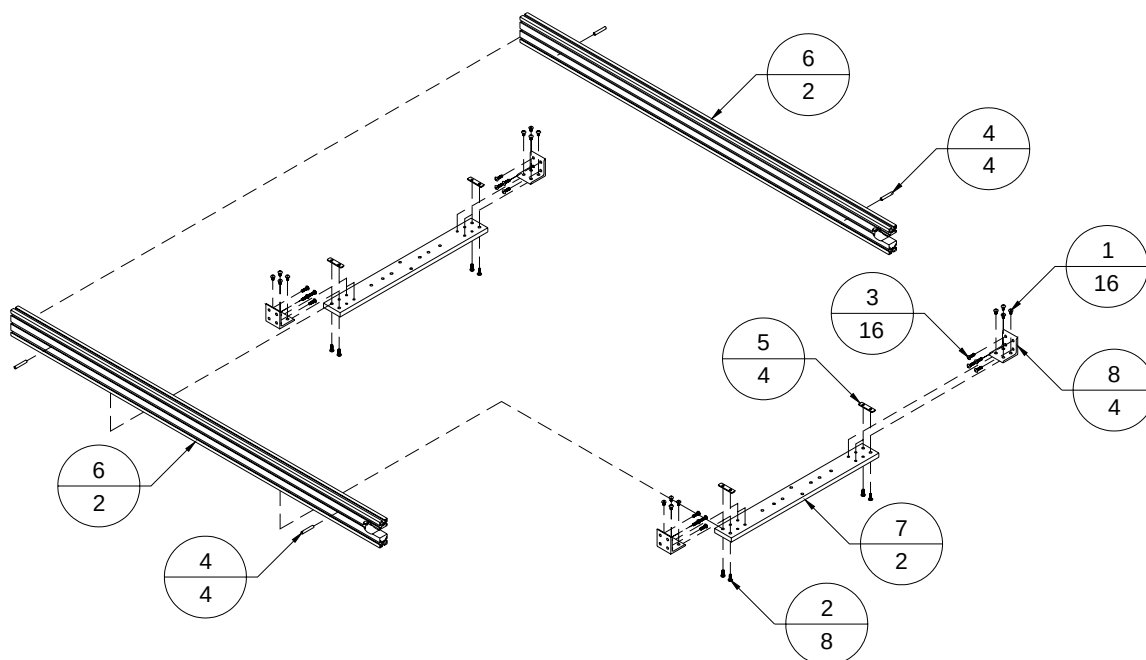
Figure A-15: *Frame, Tabletop Assembly, BK760 (9102081A)*

Table A-16: *Bracket, Encoder Assembly (9102171A)*

Item	Part Number	Quantity	Description	Reference
1	405520	4	Screw, BHCS, 1/4-20 UNC x 3/8"	
2	413510	3	Screw, BHCS, M3 x 10	
3	9101126	2	T-Nut, 1/4-20 UNC, Double	
4	9102171	1	Bracket, Encoder Mount	
5	9102353	1	Helical Coupling, 3/8, 1/2 ID, 1 OD	

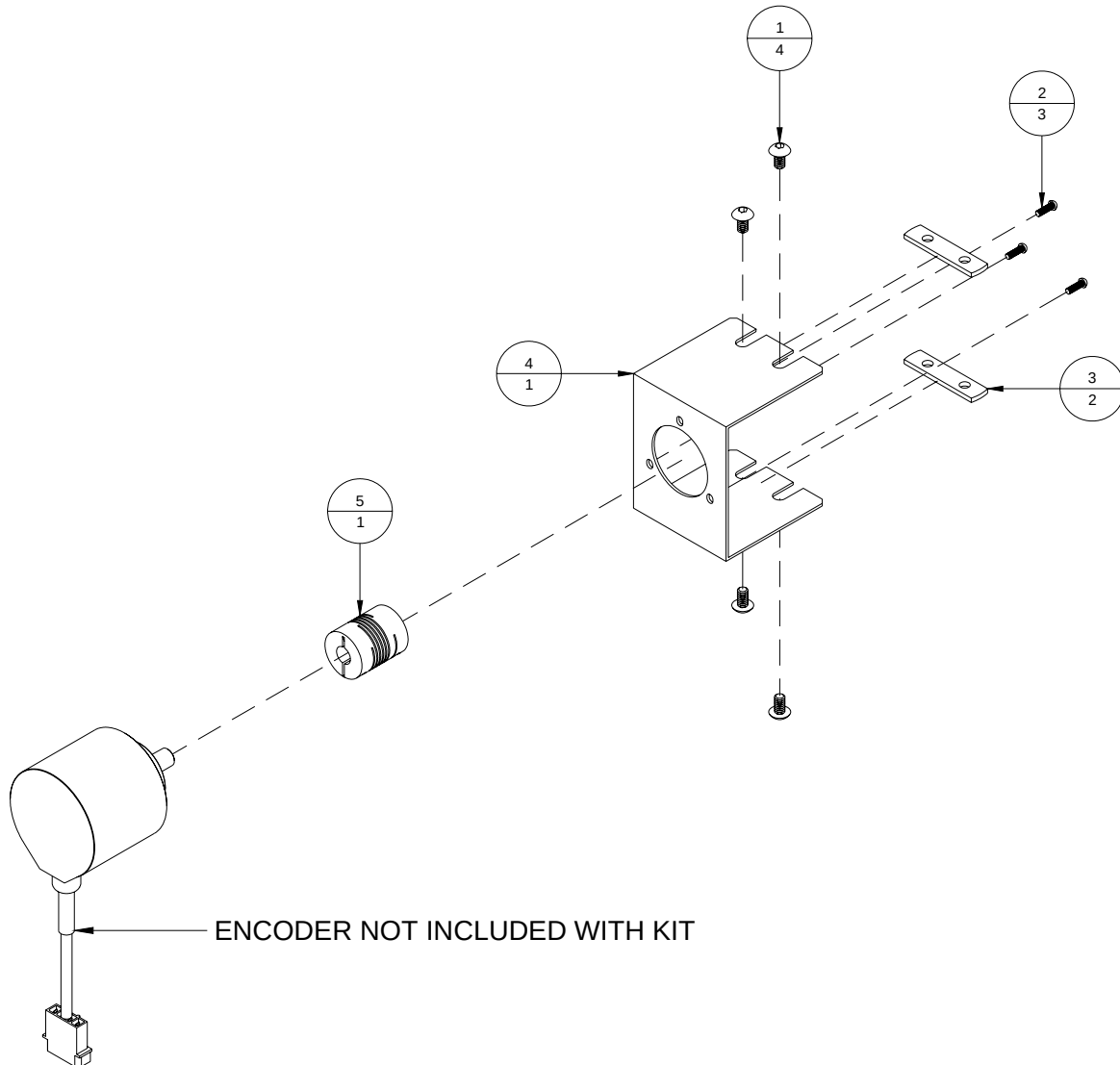
Figure A-16: *Bracket, Encoder Assembly (9102171A)*

Table A-17: *Motor Assembly, Left, BK760 (9102174LA)*

Table A-18: *Motor Assembly, Right, BK760 (9102174RA)*

Item	Part Number	Quantity	Description	Reference
1	116301	1	Pulley, 18LB075 x 3/4"	
2	120326	1	Belt, Timing, 240L075	
3	405560	4	Screw, BHCS, 1/4-20 UNC x 7/8"	
4	428288	4	Screw, SHCS, 1/4-28 UNF x 2 3/4"	
5	439010	4	Lockwasher, 1/4" I.D.	
6	440010	4	Washer, 1/4" ID	
7	609107	3	Terminal, Fork, 22-16 AWG, #4, Red	
8	9100361	2	T-Nut, 1/4-20 Triple	
9	9102073	1	Mount Block, Drive Motor	
10	9102168	4	Spacer, Drive Motor Mount	
11	9102174	1	Motor, DC, 1/4 HP, 500 RPM	

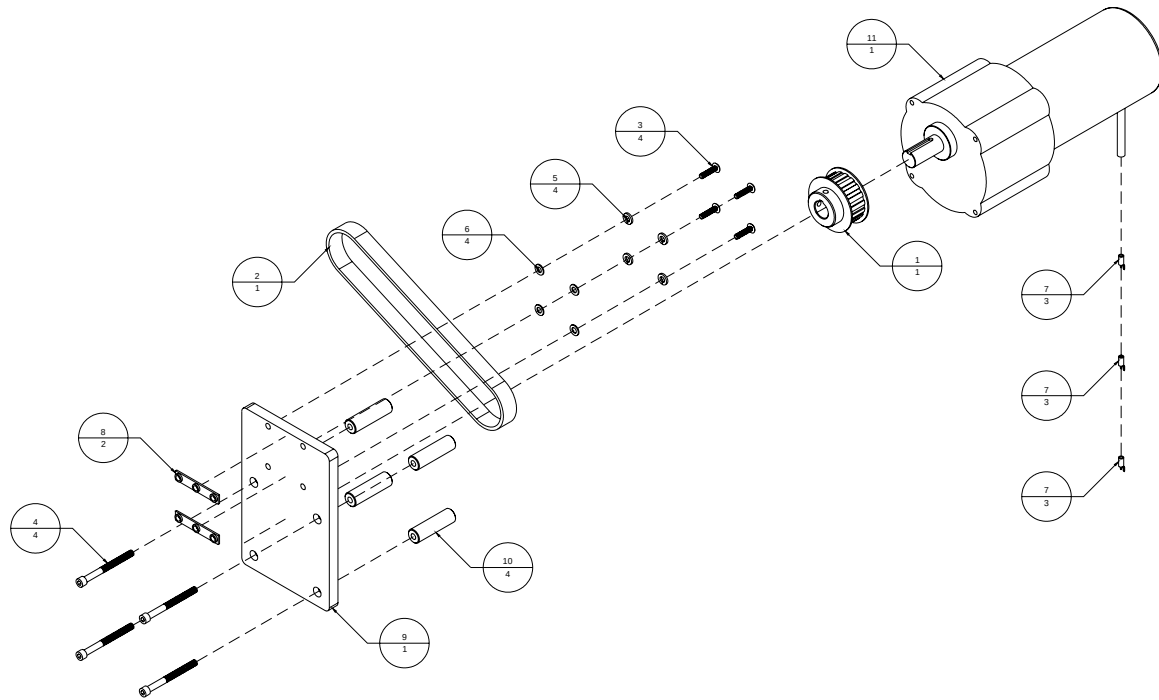
Figure A-18: *Motor Assembly, Right, BK760 (9102174RA)*

Table A-19: *Terminal Block Assembly, TB-1, BK760 (9102178A)*

Item	Part Number	Quantity	Description	Reference
1	606030	58"	Cable, #18-3 - Unshielded	
2	606360	10"	Wire, #10, Green/Yellow Hookup	
3	609115	1	Terminal, Ring, 1/4", 10-12 AWG, Non-Insulate	
4	615003	6	Terminal Block, M10/10, Grey, 10mm 7.5 A	
5	615006	2	Jumper Bar, BJM10	
6	615012	3	End Section, FEM6, Grey, 2.5mm	
7	615016	1	End Stop, BAM, 9.1mm	
8	615018	2	Ground Block, M10/10.P, Green & Yellow	
9	615021	5.5"	T-Rail, DIN	
10	615037	1	Marker Card, 1, Vertical	
11	615038	1	Marker Card, 2, Vertical	
12	615039	2	Marker Card, 3, Vertical	
13	615041	2	Marker Card, 4, Vertical	

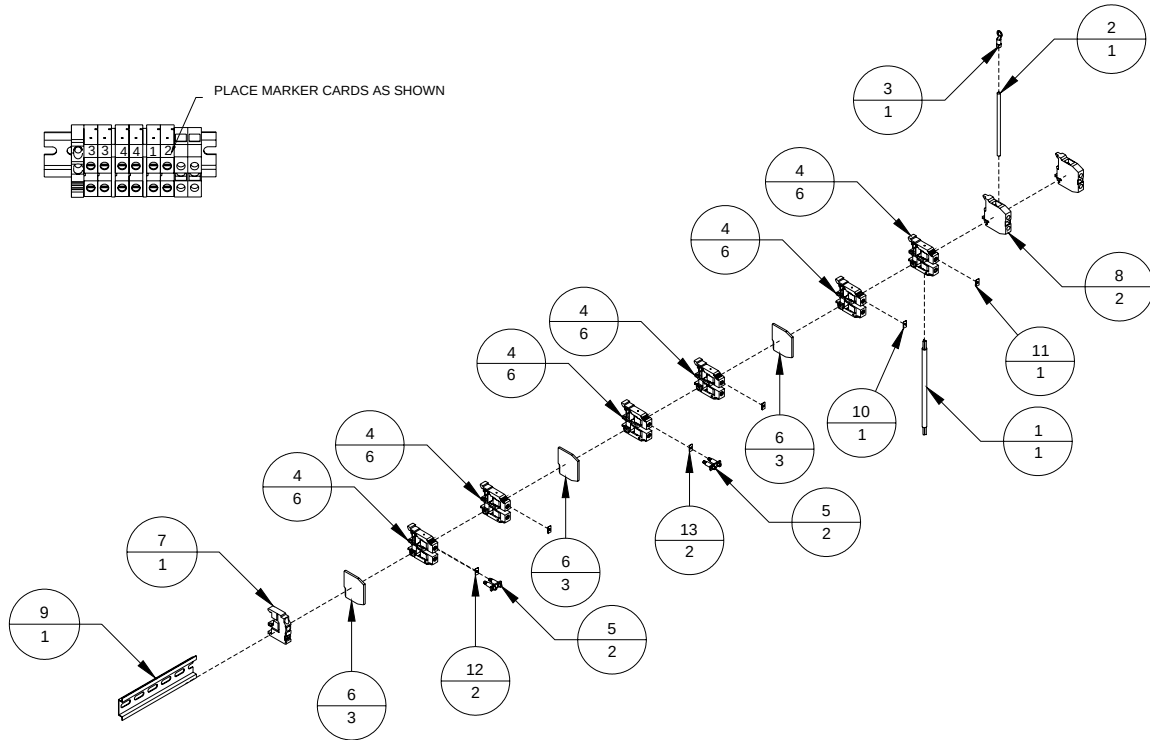
Figure A-19: *Terminal Block Assembly, TB-1, BK760 (9102178A)*

Table A-20: *Infeed Mounting Rail Assembly – Optional (9102181A)*

Item	Part Number	Quantity	Description	Reference
1	212300	1	Left Material Guide	
2	212301	1	Right Material Guide	
3	402575	2	Screw, BHCS, 6-32 UNC x 1 1/4"	
4	404020	4	Screw, FHCS, 10-32 UNF x 3/8"	
5	405530	1	Screw, BHCS, 1/4-20 UNC x 1/2"	
6	405550	4	Screw, BHCS, 1/4-20 UNC x 3/4"	
7	9100440	2	Brake Kit, 10 Series	
8	9102170	1	Bracket, Jam Switch Mount	
9	9102180	2	Knob, Thumb, 6-32 UNC, 11/32 OD	
10	9102181	1	Mounting Rail, Infeed Guides	
11	9102296	2	Mounting Block, Outfeed Shaft	
12	9102344	5	T-Nut, 1/4-20 UNC, Single	
13	9102597	2	Bracket, Side Guide	
14	9102600	2	Knob, Thumb, Knurled, 1/4-20 UNC	
15	9102678A	1	Cable, Jam Switch, N.C., N.O.	

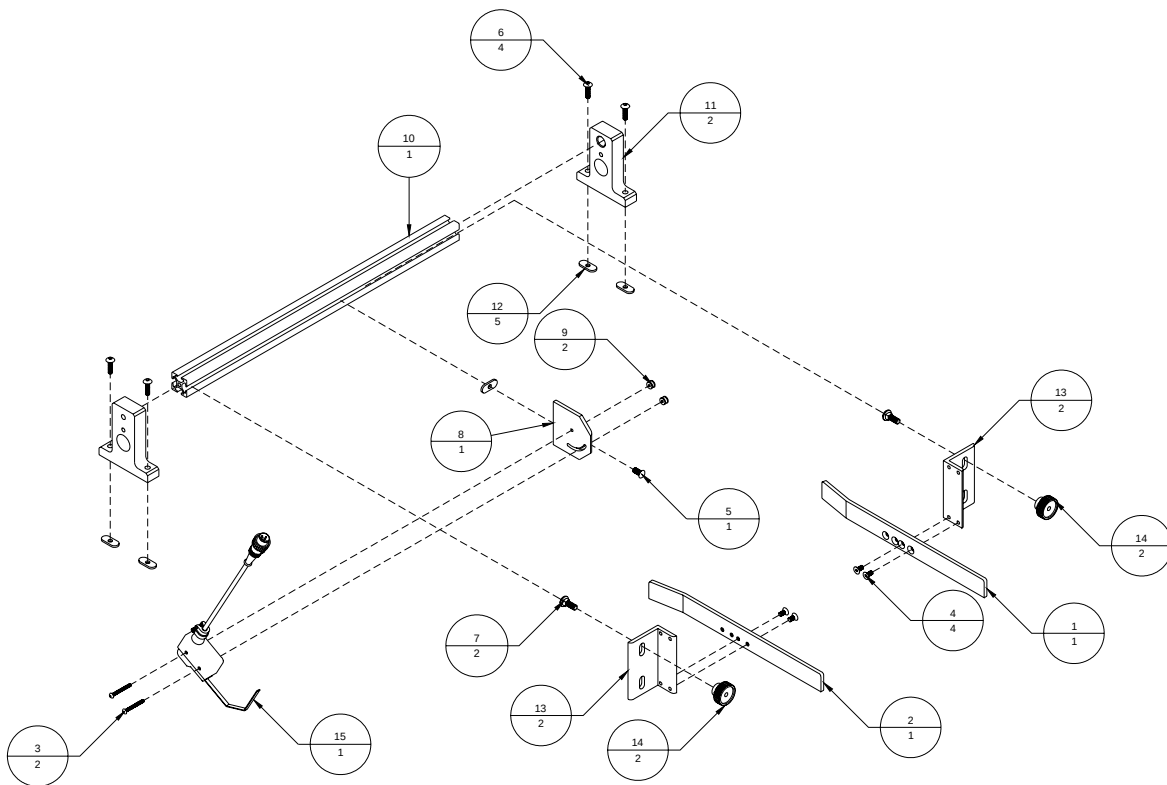
Figure A-20: *Infeed Mounting Rail Assembly – Optional (9102181A)*

Table A-21: *Monitor Mounting Tray Assembly (9102183A)*

Item	Part Number	Quantity	Description	Reference
1	404520	8	Screw, BHCS, 10-32 UNF x 3/8"	
2	406220	2	Screw, SHCS, 5/16-18 UNC x 3/8"	
3	9102183	1	Monitor Mounting Tray	
4	9102184	1	Keyboard Mounting Tray	
5	9102232	2	Frame, Monitor Mount Leg	
6	9102280	1	Support, Monitor Tray Mount	

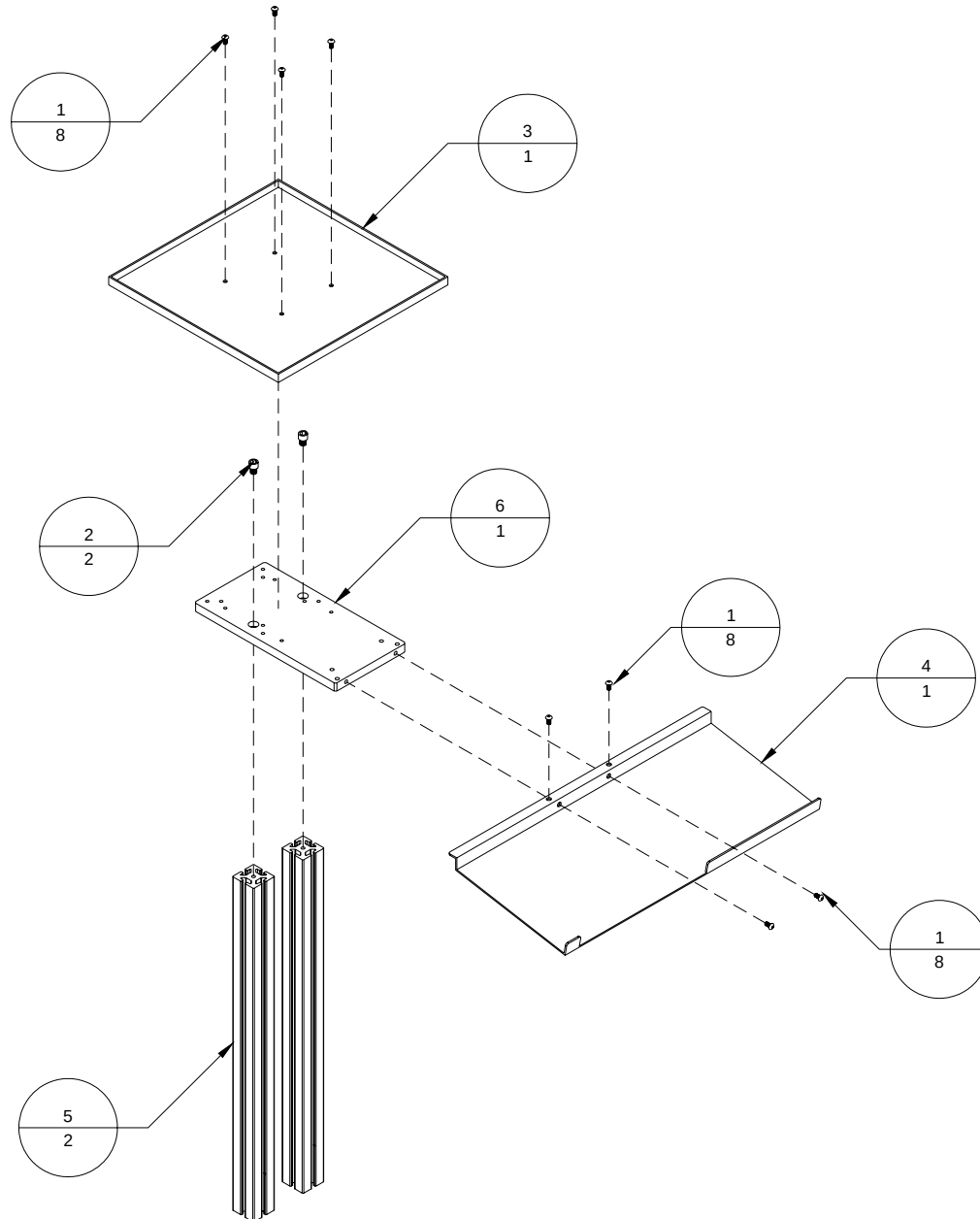
Figure A-21: *Monitor Mounting Tray Assembly (9102183A)*

Table A-22: *Cover, Front Panel Assembly (9102185A)*

Item	Part Number	Quantity	Description	Reference
1	420008	1	Nut, 10-32 UNF	
2	439008	1	Lockwasher, #10, External Tooth	
3	603120	1	Switch, Green Push Button	
4	603121	1	Switch, Red Mushroom Push Button	
5	603122	1	Switch, 2 Position Rotary Knob	
6	603125	3	Switch, Locking Collar	
7	603126	1	Block, N.O. Contact, Green	
8	603127	2	Block, N.C. Contact, Red	
9	606038	3	Wire, #22, White (7" Long)	
10	606039	2	Cable, #14-2, Shielded, BK/RD (20" Long)	
11	609110	4	Connector, Push-on, Blue	
12	609114	1	Terminal, Ring, #10, 12-10 AWG, Non-Insulate	
13	609530	2	Connector, Push On, Red	
14	613002	2	Knob, 36mm, Skirted	
15	9101305	1	Hole Plug, 1/2" dia.	
16	9102185	1	Cover, Front Panel, BK760	
17	9102205	1	Circuit Breaker Switch, 15 A, 2 Pole	
18	9102246	17"	Wire, Green/Yellow Stripe, #18 Gauge	
19	9102422	1	Switch, Rocker, 125VAC/4A, 250VAC/2A	
20	9102651A	1	Cable, Front Panel Controls	
21	9102673A	1	Cable, Conveyor Pot	
22	9102674A	1	Cable, Base Pot	

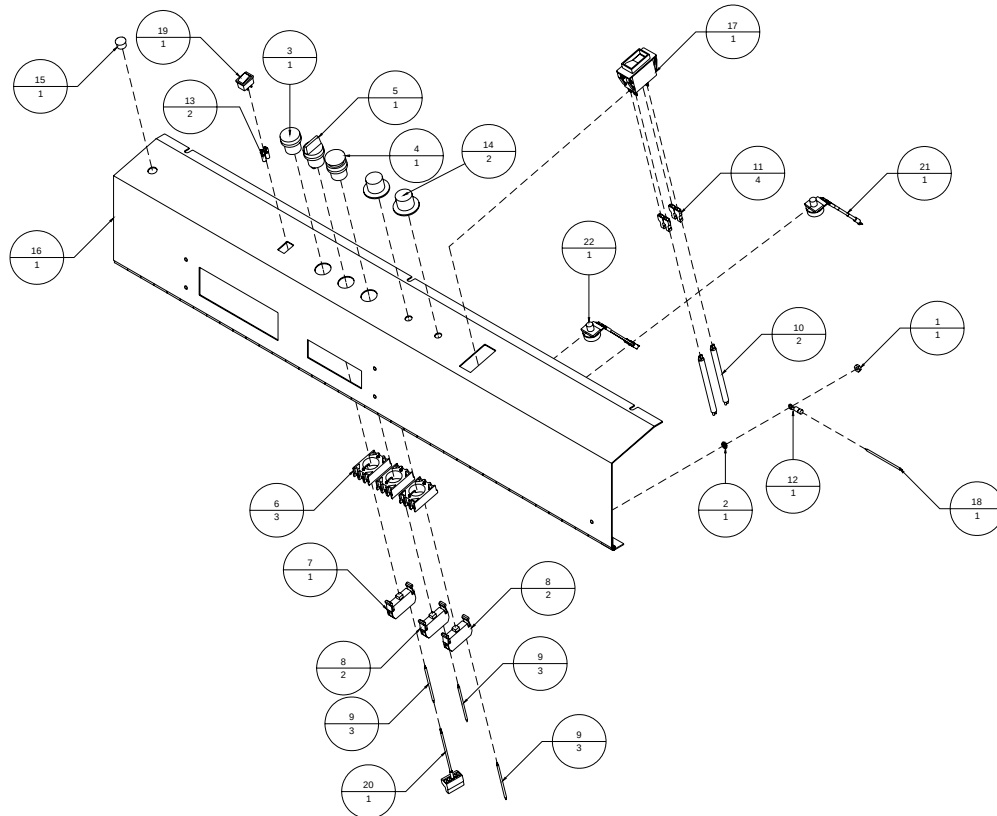
Figure A-22: *Cover, Front Panel Assembly (9102185A)*

Table A-23: *Terminal Block Assembly, TB-2, BK760 (9102200A)*

Item	Part Number	Quantity	Description	Reference
1	606020	21"	Wire, #18, Black, Hookup	
2	606020	8"	Wire, #18, Black, Hookup	
3	606020	17"	Wire, #18, Black, Hookup	
4	606020	2 x 2"	Wire, #18, Black, Hookup	
5	606029	24"	Wire, #18, White, Hookup	
6	606029	8"	Wire, #18, White, Hookup	
7	606029	17"	Wire, #18, White, Hookup	
8	606029	12"	Wire, #18, White, Hookup	
9	606030	25"	Cable, #18-3 - Unshielded	
10	609107	8	Terminal, Fork, 22-16 AWG, #4, Red	
11	610102	2	Relay, 12 VDC	
12	615000	3	Terminal Block, M4/6.N, Blue, 6mm	
13	615003	6	Terminal Block, M10/10, Grey, 10mm 7.5 A	
14	615004	2	Relay Base	
15	615006	2	Jumper Bar, BJM10	
16	615012	3	End Section, FEM6, Grey, 2.5mm	
17	615016	1	End Stop, BAM, 9.1mm	
18	615018	1	Ground Block, M10/10.P, Green & Yellow	
19	615021	9"	T-Rail, DIN	
20	615023	2	End Section, FEM13U	
21	615024	2	Fuse Holder, MU10/13.SF.1, 10mm 16 A 60	
22	615031	2	Marker Card, L1, Vertical	
23	615032	2	Marker Card, L2, Vertical	
24	615037	1	Marker Card, 1, Vertical	
25	615038	1	Marker Card, 2, Vertical	
26	646001	1	Fuse, 5A, 5 x 20 mm	
27	646002	1	Fuse, 10A, 5 x 20 mm	
28	9102650A	1	Cable, Relay Power	

Figure A-23: Terminal Block Assembly, TB-2, BK760 (9102200A)

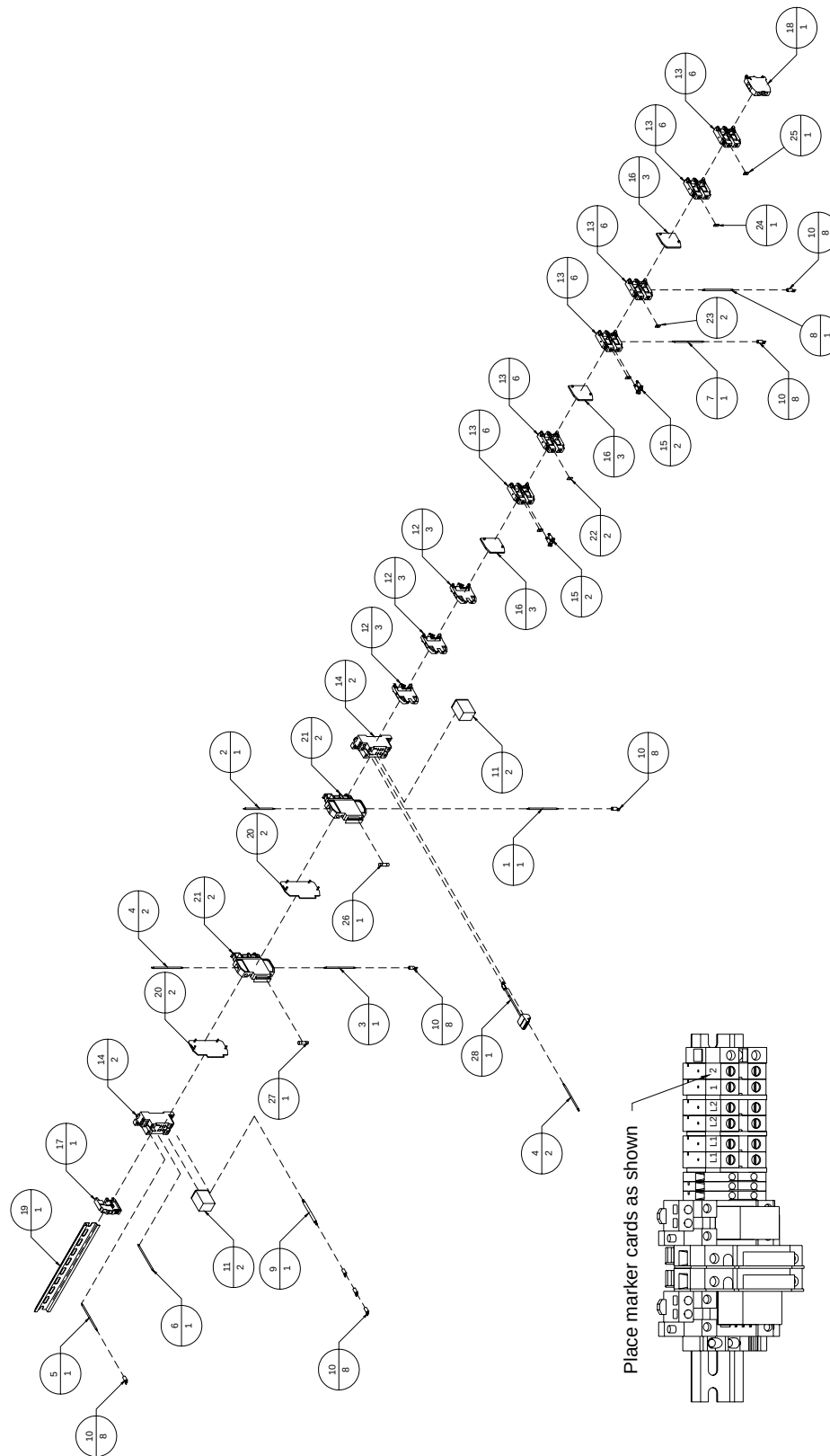


Table A-24: Cover, Rear Panel Assembly (9102201A)

Item	Part Number	Quantity	Description	Reference
1	401310	10	Screw, PHMS, 4-40 UNC x 1/4"	
2	420008	1	Nut, 10-32 UNF	
3	439008	1	Lockwasher, #10, External Tooth	
4	606360	10"	Wire, #10, Green/Yellow Hookup	
5	606601A	1	Cable, Shaft Encoder Extension	
6	609114	1	Terminal, Ring, #10, 12-10 AWG, Non-Insulate	
7	9100465	1	Connector, Female, 12-Pin, BLA12	
8	9102201	1	Cover, Rear Panel, BK760	
9	9102433A	3	Cable, Photocue Receptacle Assembly	
10	9102590	1	Cover, 25 Pin Receptacle Cutout	

Figure A-24: Cover, Rear Panel Assembly (9102201A)

9100465 Pin	9102433A JAM	9102433A CYCLE	9102433A PHOTO	606601A	9102640A CYCLE
1	-	-	-	Red	+12V
2	-	-	-	White	Enc+
3	-	-	-	Green	Enc-
4	-	-	-	Black	Gnd
5	-	-	Red	-	+12V
6	-	-	White	-	Photo1
7	-	-	Black	-	Gnd
8	-	Red	-	-	+12V
9	-	White	-	-	Cycle
10	-	Black	-	-	Gnd
11	White	-	-	-	Jam I/P
12	Red	-	-	-	Gnd

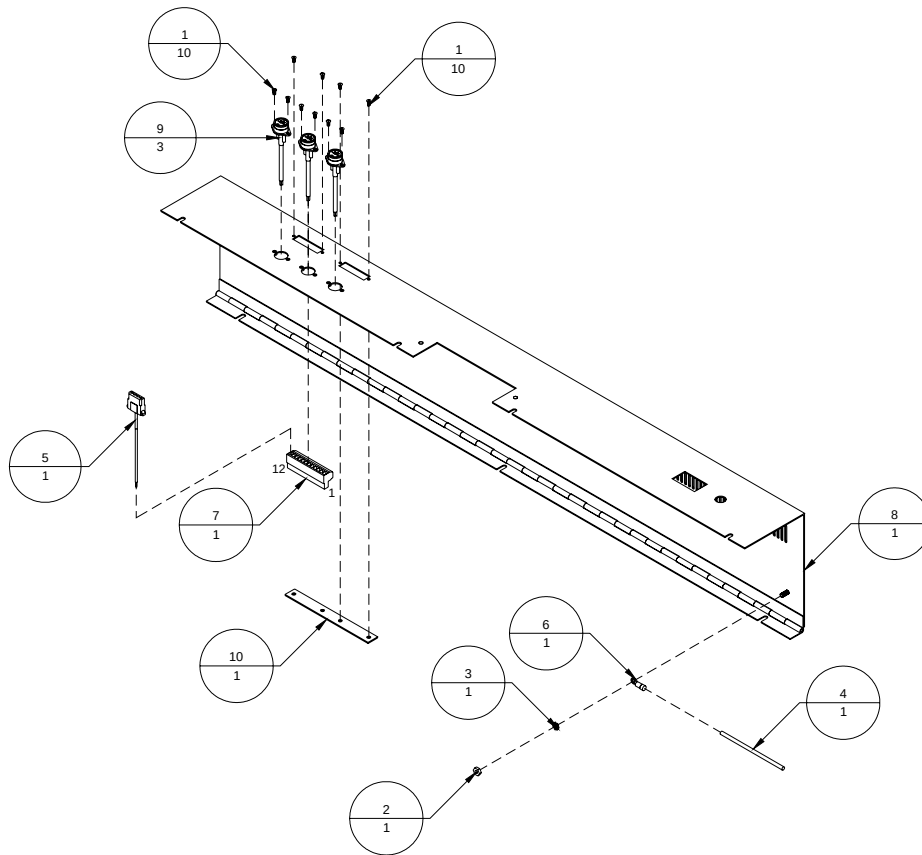


Table A-25: *Outfeed Roller Assembly (9102296A)*

Item	Part Number	Quantity	Description	Reference
1	100314	1	Outfeed Roller Shaft	
2	106182	2	Pressure Roller	
3	203302	2	Outfeed Roller Arm	
4	405250	2	Screw, SHCS, 1/4-20 UNC x 3/4"	
5	405550	4	Screw, BHCS, 1/4-20 UNC x 3/4"	
6	416170	2	Shoulder Bolt, 3/8" x 1" (5/16-18)	
7	500020	4	Bearing, R6, 3/8 ID	
8	505384	2	Flange Bushing, 3/8 ID x 1/2 OD x 1/2 LG	
9	9102296	2	Mounting Block, Outfeed Shaft	
10	9102344	4	T-Nut, 1/4-20 UNC, Single	

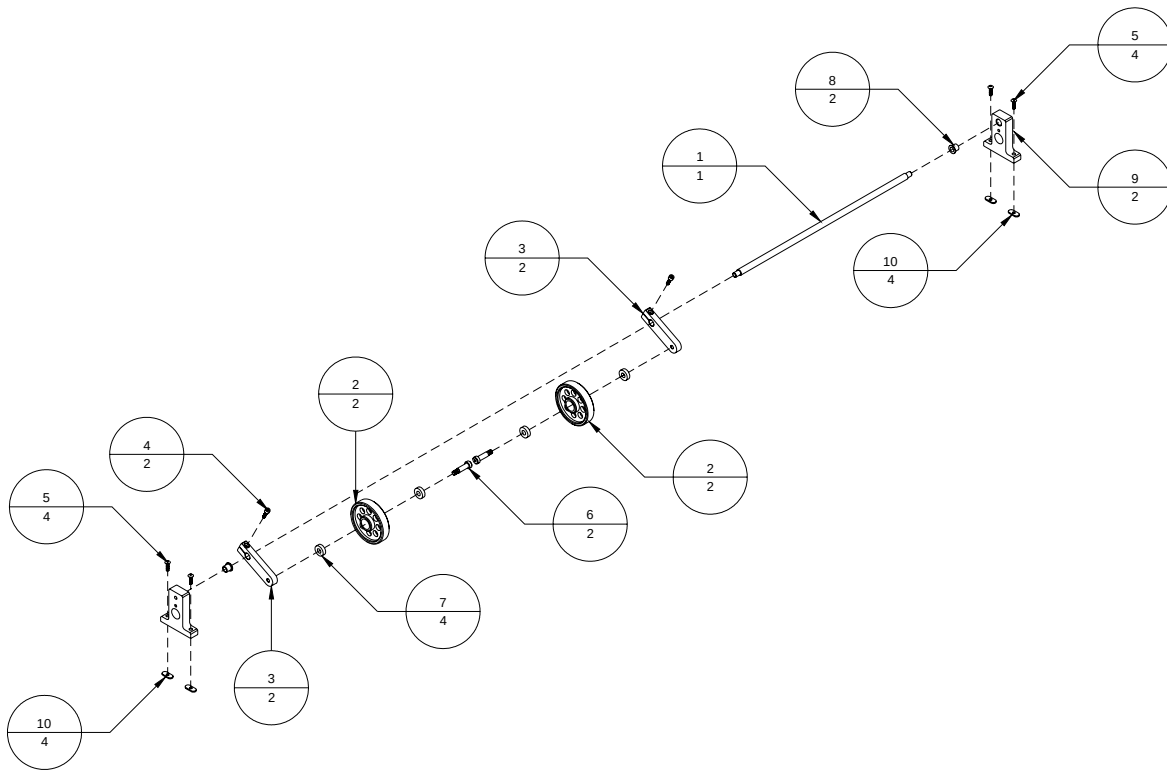
Figure A-25: *Outfeed Roller Assembly (9102296A)*

Table A-26: *Roller Assembly, Belt Tensioner (9102300A)*

Item	Part Number	Quantity	Description	Reference
1	405550	8	Screw, BHCS, 1/4-20 UNC x 3/4"	
2	405885	2	Screw, SHSS, 1/4-20 UNC x 2"	
3	500055	2	Bearing, UBR-204-12S, 3/4" ID	
4	9100361	4	T-Nut, 1/4-20 Triple	
5	9102175	1	Shaft, 0.75" OD x 17.94" Lg.	
6	9102300	2	Mounting Block, Belt Tensioner	
7	9102357A	1	Roller, 2.84" OD x 13.75", Bearing Mounted	

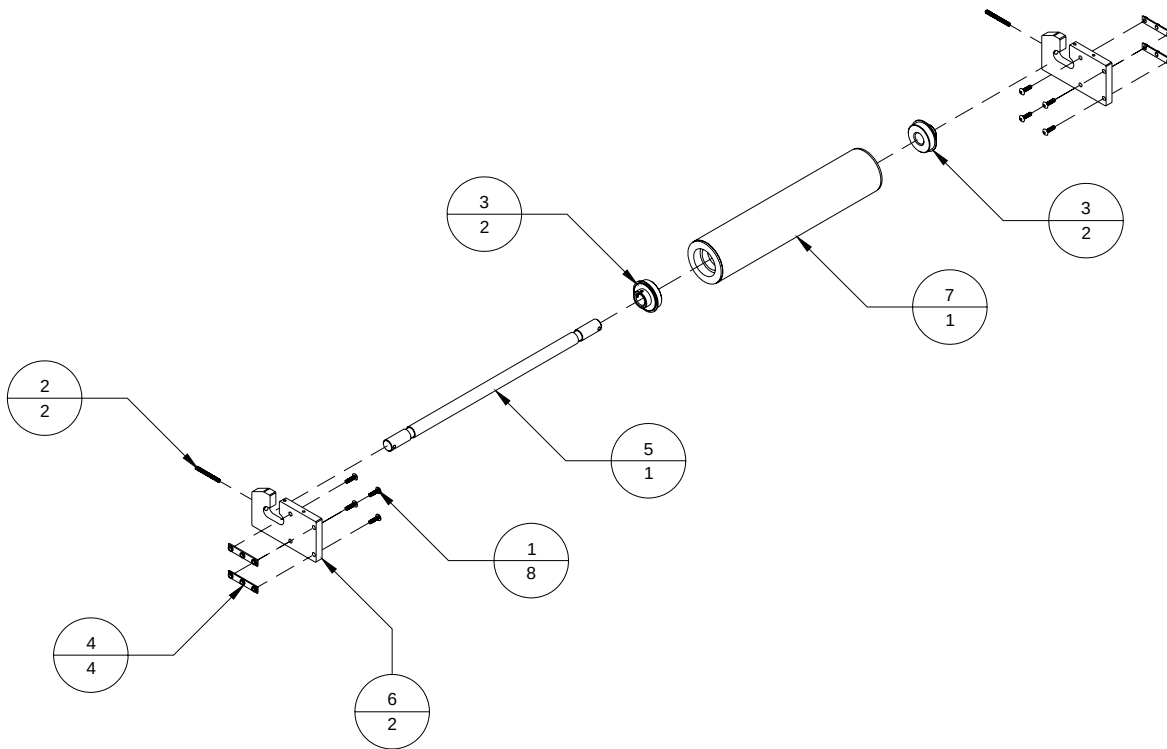
Figure A-26: *Roller Assembly, Belt Tensioner (9102300A)*

Table A-27: *Leveling Leg Assembly (9102320A)*

Item	Part Number	Quantity	Description	Reference
1	9102318	1	Rod, 3/4-10 UNC x 6", Leveling Leg	
2	9102319	1	Base Foot, 60mm, Fixed	

Figure A-27: *Leveling Leg Assembly (9102320A)*

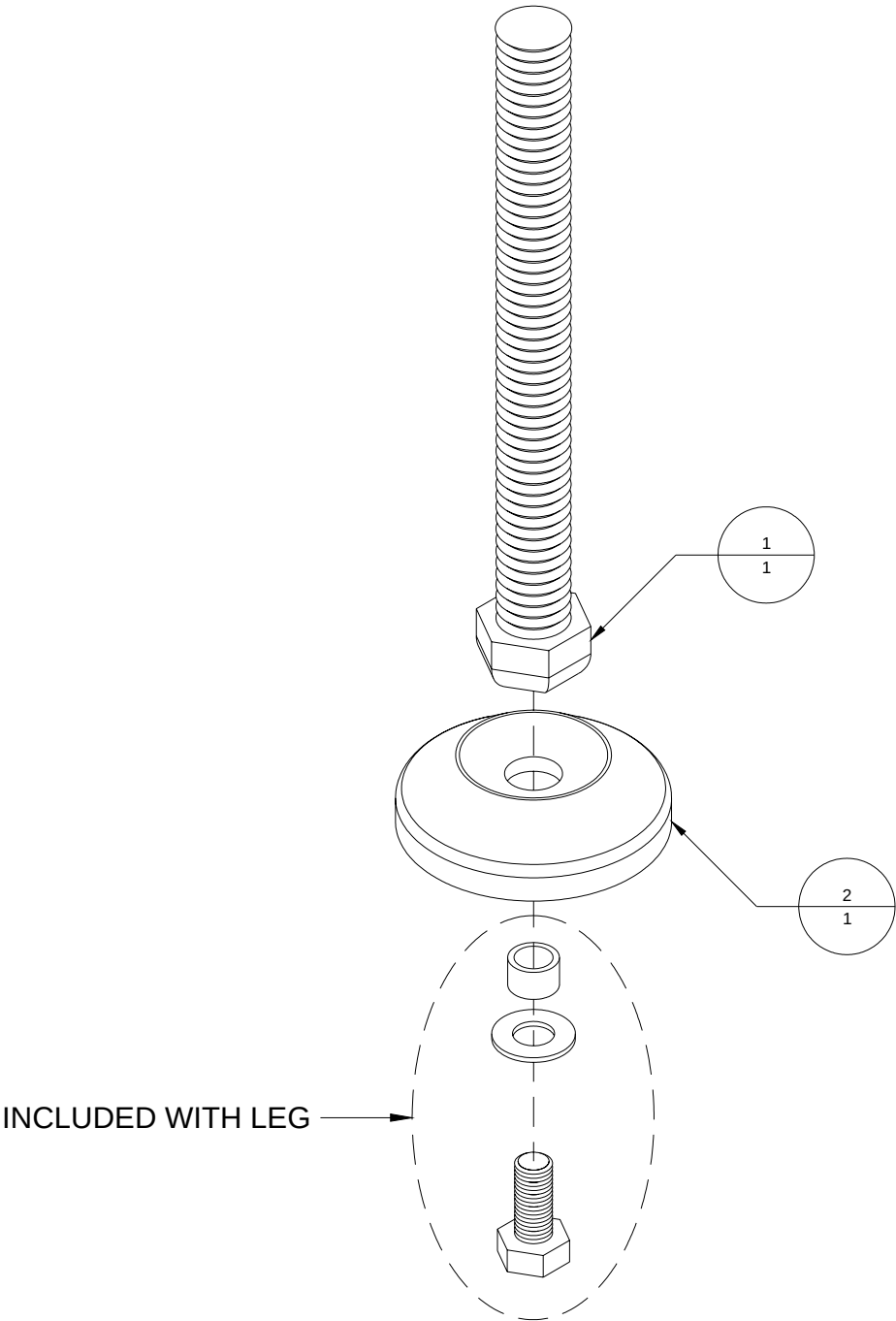


Table A-28: *Cover, Controller I/O (9102645A)*

Item	Part Number	Quantity	Description	Reference
1	615322	2	Female Screwlock, 4-40 UNC	
2	9102645	1	Cover, Computer Leg Mount Cutout	
3	9102733A	1	Cable, Controller I/O Receptacle, 18"	

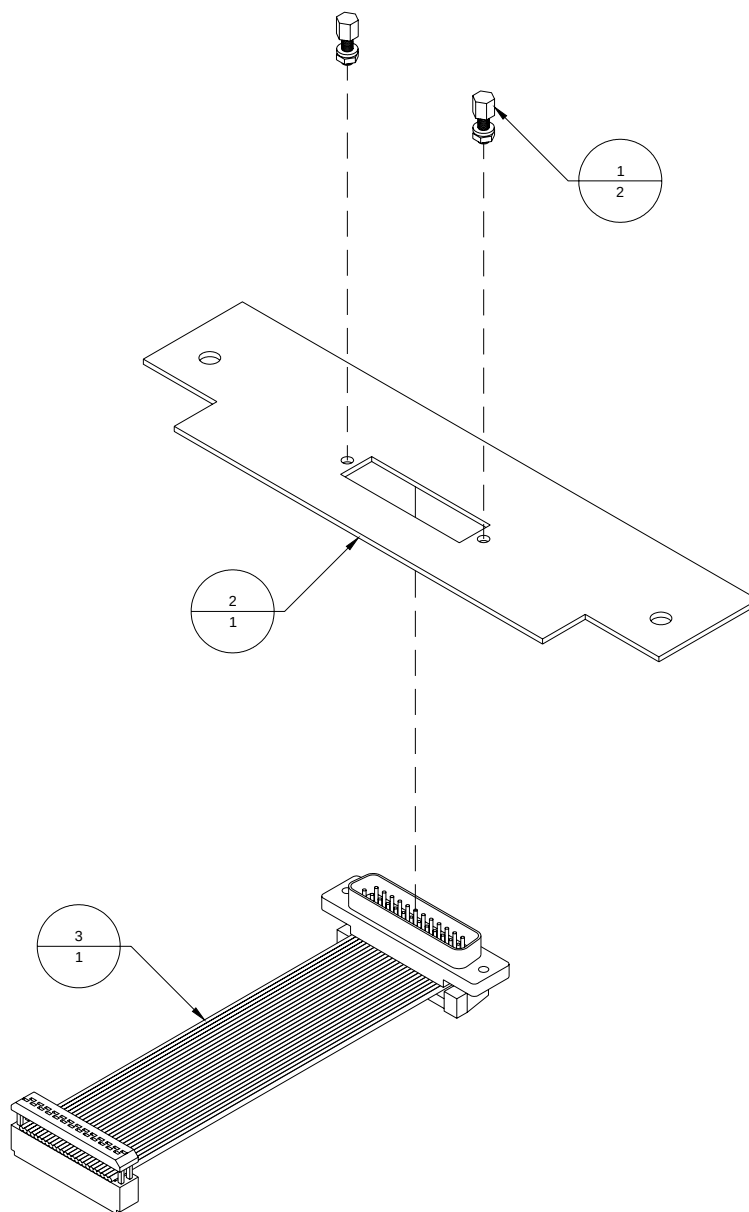
Figure A-28: *Cover, Controller I/O (9102645A)*

Table A-29: *Base Cabinet Assembly, BK760 (9102684A)*

Item	Part Number	Quantity	Description	Reference
1	343016	4	Jam Nut, 3/4-10 UNC	
2	401310	6	Screw, PHMS, 4-40 UNC x 1/4"	
3	404510	12	Screw, BHCS, 10-32 UNF x 1/4"	
4	420010	18	Nut, 1/4-20 UNC	
5	439007	1	Lockwasher, 1/4", External Tooth	
6	439010	16	Lockwasher, 1/4" I.D.	
7	440010	16	Washer, 1/4" ID	
8	600005	2	DC Controller, 90 VDC	
9	615026	4	Flexible Grommet Edging (8.3" Long)	
10	640301	2	Diode, 1N4004	
11	640302	2	Metal Oxide Varistor, 250 VAC	
12	803530	4	Swivel Caster, 4"	
13	9100829A	1	Blower Assembly, 40 CFM	Page A-10
14	9102064A	1	Cabinet, BK760	
15	9102068	16	Bolt, Carriage, 1/4-20 UNC, 3/4" LG.	
16	9102177	2	Bushing, Snap-In	
17	9102178A	1	Terminal Block Assembly, TB-1, BK760	Page A-25
18	9102200A	1	Terminal Block Assembly, TB-2, BK760	Page A-29
19	9102320A	4	Leveling Leg Assembly	Page A-34
20	9102358A	1	Cable, IEC Receptacle	
21	9102360	1	Lock, IEC Connector Plug	
22	9102363	2	Bushing, Snap-In, 1-5/16" I.D.	
23	9102380	1	Board, Base Control	
24	9102417	1	Power Supply, Switching, 12VDC/1.7A	
25	9102422A	1	Cable, Output, 12VDC Power Supply	
26	9102565A	1	Cable, Input, 12VDC Power Supply	
27	9102672A	1	Cable, Stack Pot	

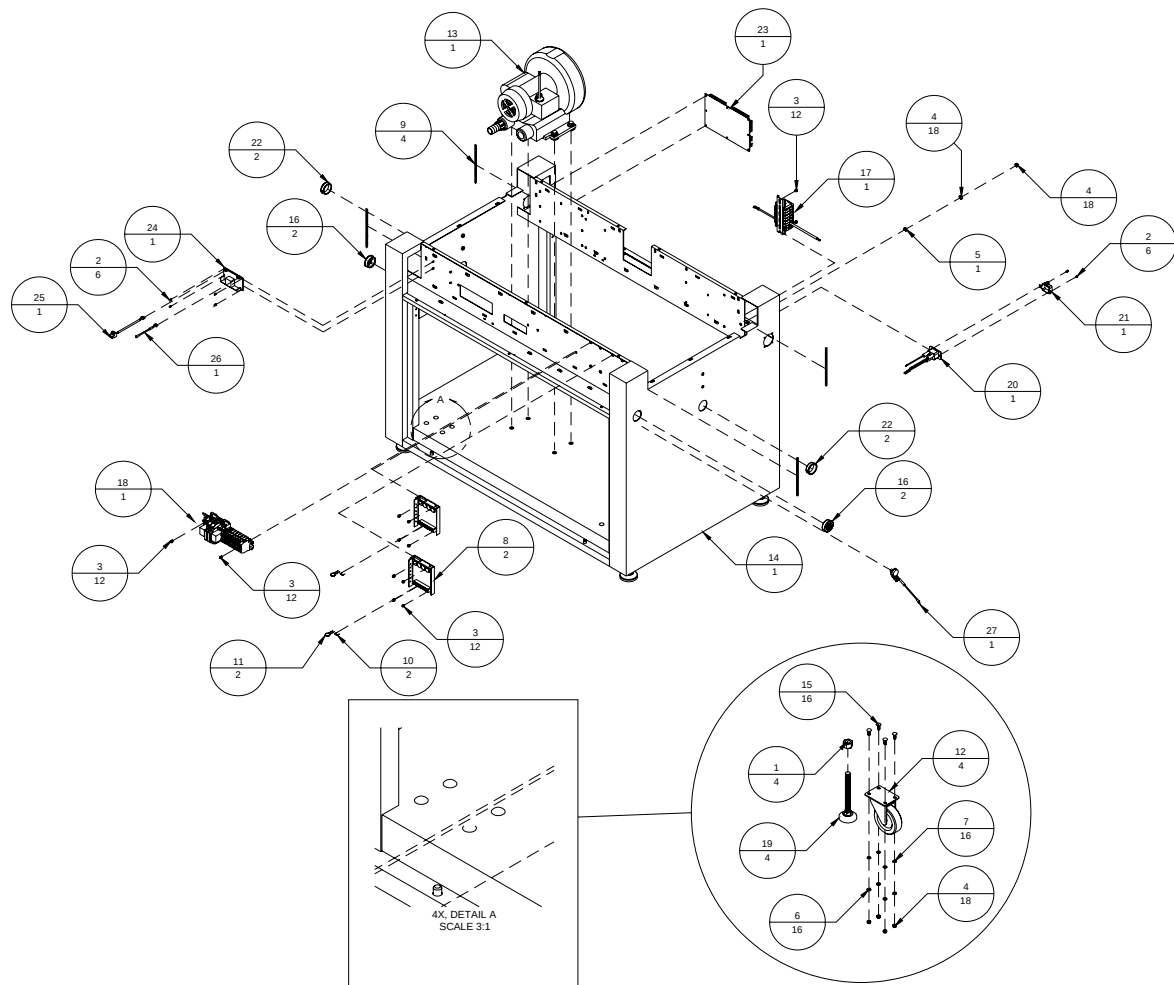
Figure A-29: *Base Cabinet Assembly, BK760 (9102684A)*

Table A-30: *Base Assembly w/Controller, BK760 (9102685A)*

Item	Part Number	Quantity	Description	Reference
1	401350	4	Screw, PHMS, 4-40 UNC x 3/4"	
2	403510	2	Screw, BHCS, 8-32 UNC x 1/4"	
3	404510	10	Screw, BHCS, 10-32 UNF x 1/4"	
4	406250	2	Screw, SHCS, 5/16-18 UNC x 3/4"	
5	413506	4	Screw, BHCS, M3 x 6	
6	439015	2	Lockwasher, 5/16 I.D.	
7	606322	1	Cable, Cordset, 10A/125VAC, 90", IEC	
8	606361A	1	Cable, Floppy Drive Ribbon	
9	609300	2	Ribbon Cable Tie Mount	
10	614009A	1	Cable, Floppy Drive Power	
11	614306A	1	Cable, CDROM Ribbon	
12	614601A	1	Cable, Jet Drive I/O	
13	615026	7"	Flexible Grommet Edging	
14	803600	1	Floppy Drive, 3 1/2, Black	
15	803601	1	CD-ROM Drive, Black	
16	9100004	1	Floppy Cable Assembly	
17	9100194A	1	Data Path Card Assembly	Page A-8
18	9100343A	1	Fan Assembly (12 VDC)	Page A-9
19	9101655	1	Filter, 12 VDC Fan	
20	9102070	1	Computer Chassis Support Stand	
21	9102080	1	Bracket, CD-ROM Mount	
22	9102684A	1	Base Cabinet Assembly, BK760	Page A-36
23	9102697	1	Mounting Bar, Ribbon Cables	
24	9102711	8	Screw, PHMS, 6-32 UNC x 3/8"	
25	9102776A	1	Computer Chassis Assembly, Celeron P4	Page A-41
26	9103361A	1	Power Supply Assembly, HP	Page A-42

Figure A-30: Base Assembly w/Controller, BK760 (9102685A)

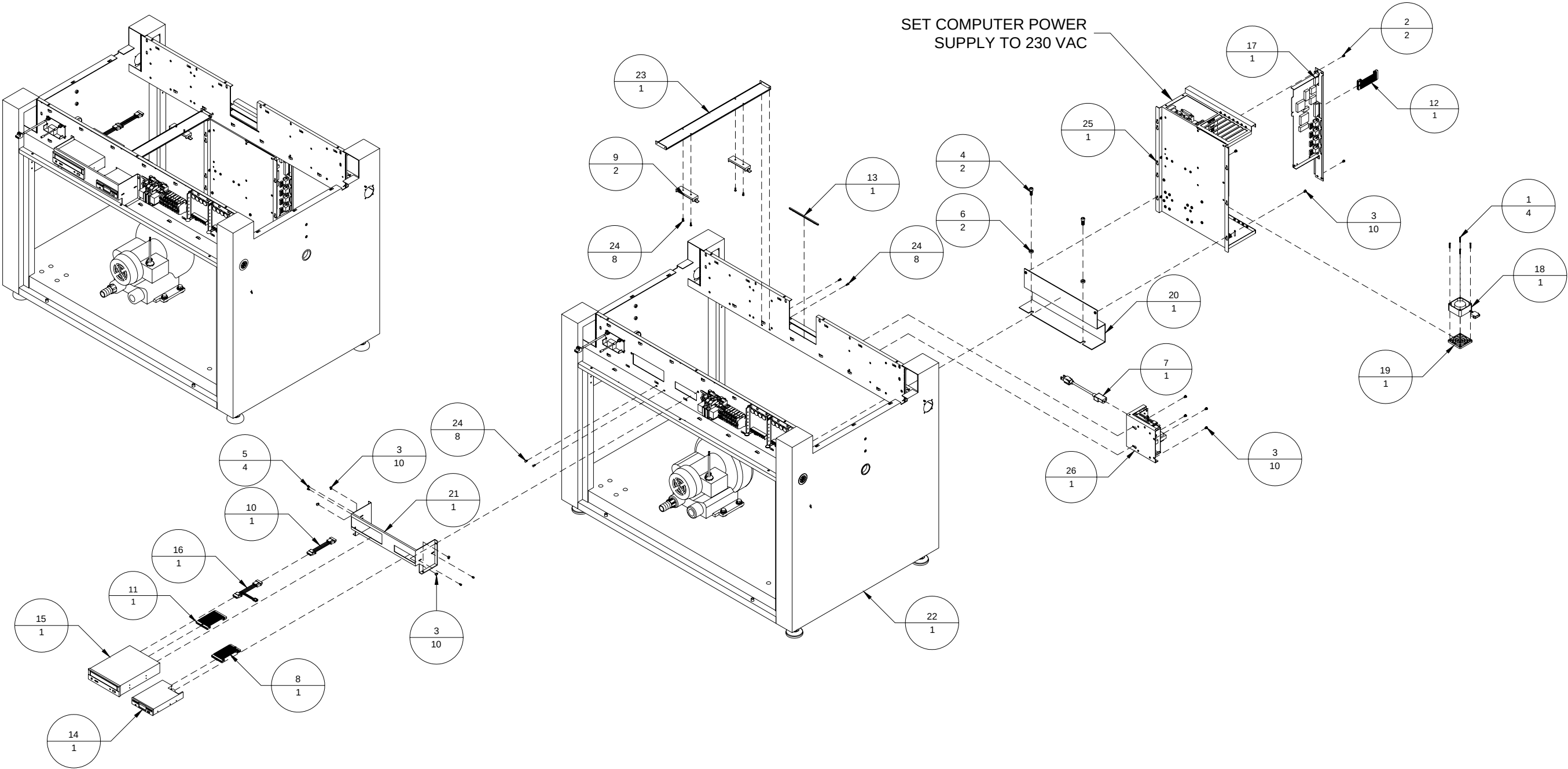
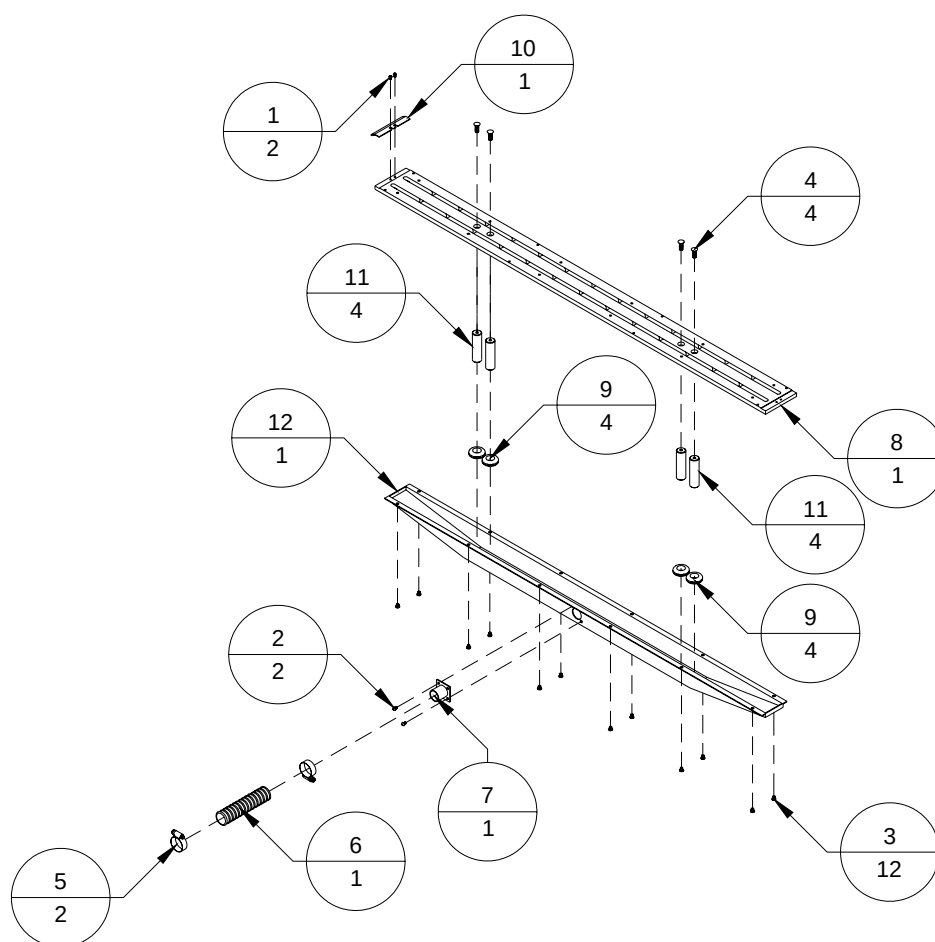


Table A-31: *Tabletop, Middle Plate Assembly (9102689A)*

Item	Part Number	Quantity	Description	Reference
1	402310	2	Screw, PHMS, 6-32 UNC x 1/4"	
2	403510	2	Screw, BHCS, 8-32 UNC x 1/4"	
3	404510	12	Screw, BHCS, 10-32 UNF x 1/4"	
4	405040	4	Screw, FHCS, 1/4-20 UNC x 5/8"	
5	444004	2	Clamp, Hose, Gear Type, 9/16 x 1 1/4"	
6	802601	40"	Tubing, Vacuum, Grey PVC	
7	9101414	1	Vacuum Hose Flanged Fitting	
8	9102689	1	Tabletop, Middle Plate, BK760	
9	9102690	4	Grommet, Rubber, 11/16 O.D.	
10	9102693	1	Plate, Finger Guard	
11	9102694	4	Shaft, Tabletop Mount	
12	9102746	1	Vacuum Tray	

Figure A-31: *Tabletop, Middle Plate Assembly (9102689A)***NOTE:**

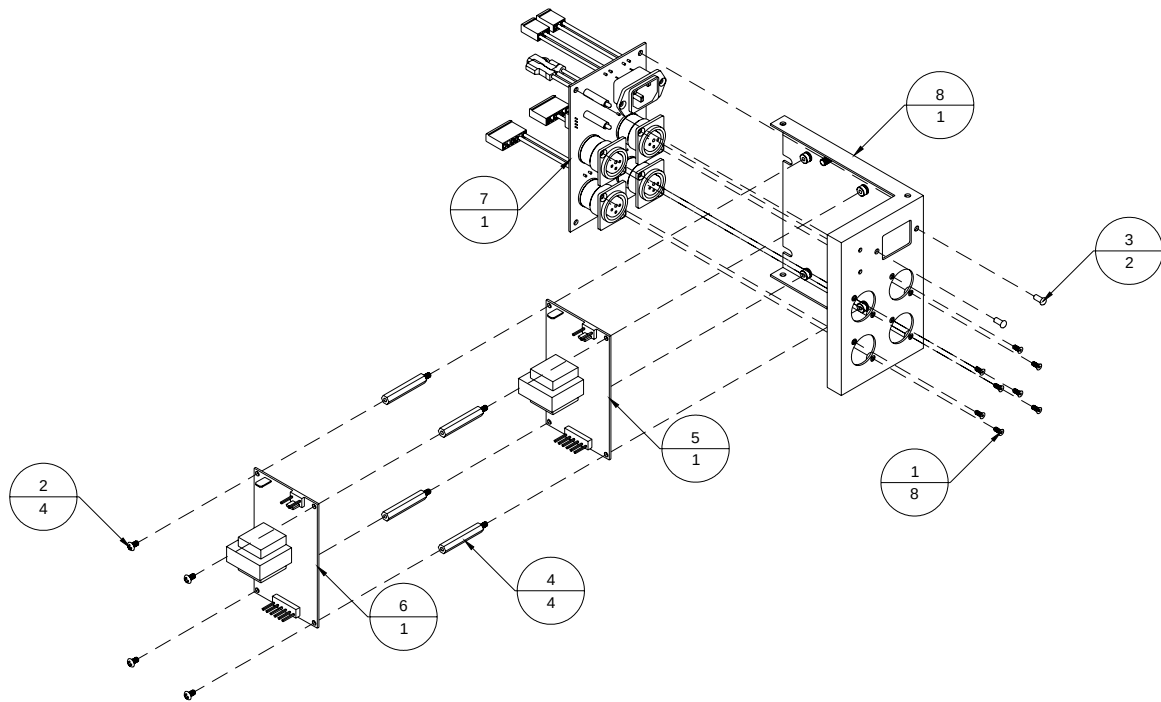
USE SILICON TO SEAL THE GAP ON BOTH ENDS OF THE VACUUM TRAY.

IF ASSEMBLY IS USED ON A LEFT SYSTEM, THE FINGER GUARD (9102693) MUST BE ASSEMBLED ON THE OPPOSITE END OF THE TABLETOP.

Table A-32: *Computer Chassis Assembly, Celeron P4 (9102776A)*

Table A-33: *Power Supply Assembly, HP (9103361A)*

Item	Part Number	Quantity	Description	Reference
1	401010	8	Screw, FHCS, 4-40 UNC x ¼"	
2	402310	4	Screw, PHMS, 6-32 UNC x ¼"	
3	9101931	2	Rivet, Plastic	
4	9102362	4	Hex Spacer, 6-32 UNC x ¾"	
5	9102418	1	Power Supply, Switching, 5.1VDC, 8A	
6	9102419	1	Power Supply, Switching, 28V/1.8A	
7	9102907	1	Board, HP Power Supply	
8	9103361	1	Chassis, HP Power Supply	

Figure A-33: *Power Supply Assembly, HP (9103361A)*

List of Figures

Figure B-1: Unit, BK760, Electrical Schematic (BK760AE).....B-1

Figure B-2: Unit, BK760, Wiring Diagram – Page 1/5 (BK760AC)B-2

Figure B-3: Unit, BK760, Wiring Diagram – Page 2/5 (BK760AC)B-3

Figure B-4: Unit, BK760, Wiring Diagram – Page 3/5 (BK760AC)B-4

Figure B-5: Unit, BK760, Wiring Diagram – Page 4/5 (BK760AC)B-5

Figure B-6: Unit, BK760, Wiring Diagram – Page 5/5 (BK760AC)B-6

Figure B-1: Unit, BK760, Electrical Schematic (BK760AE)

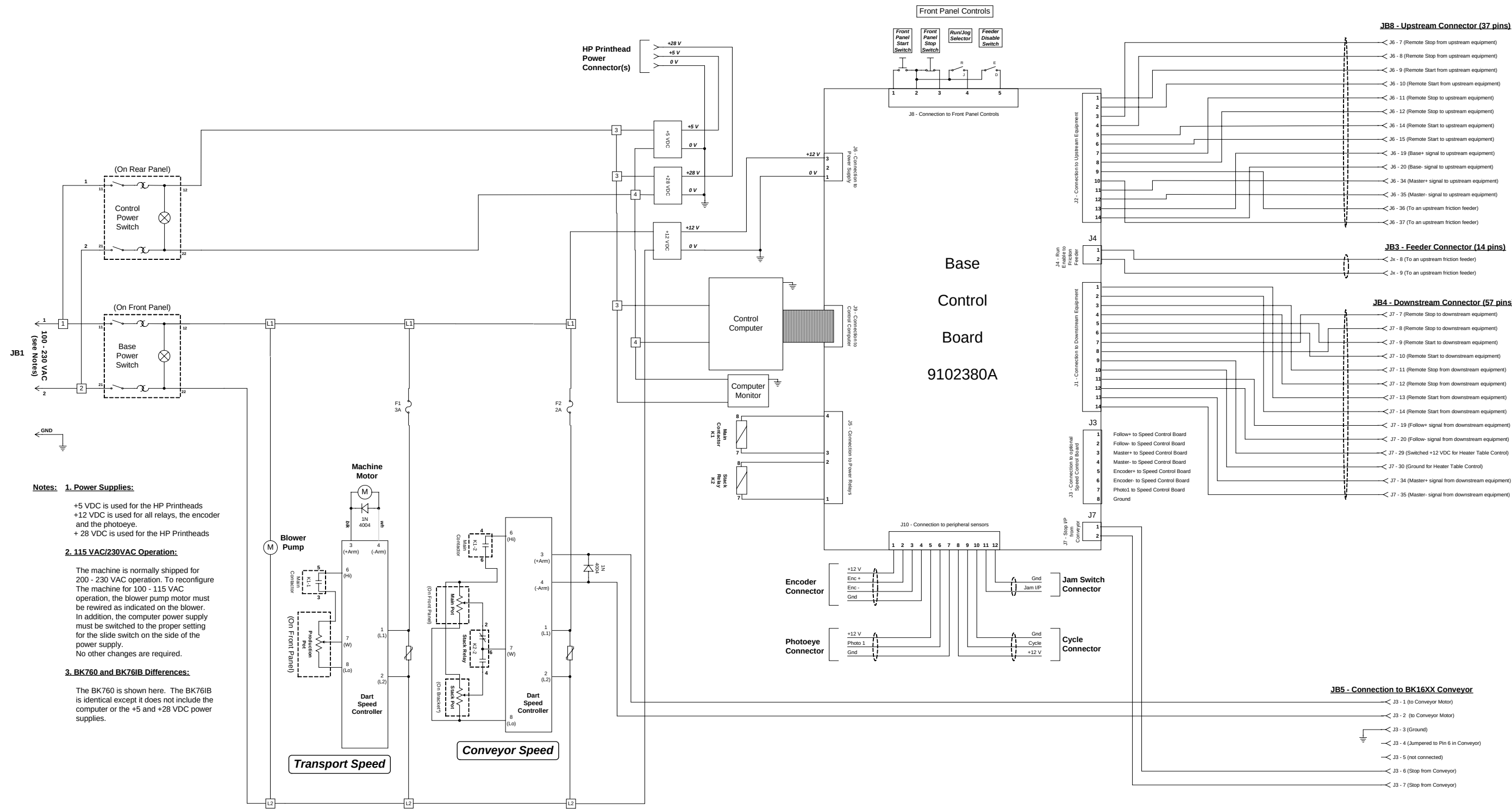
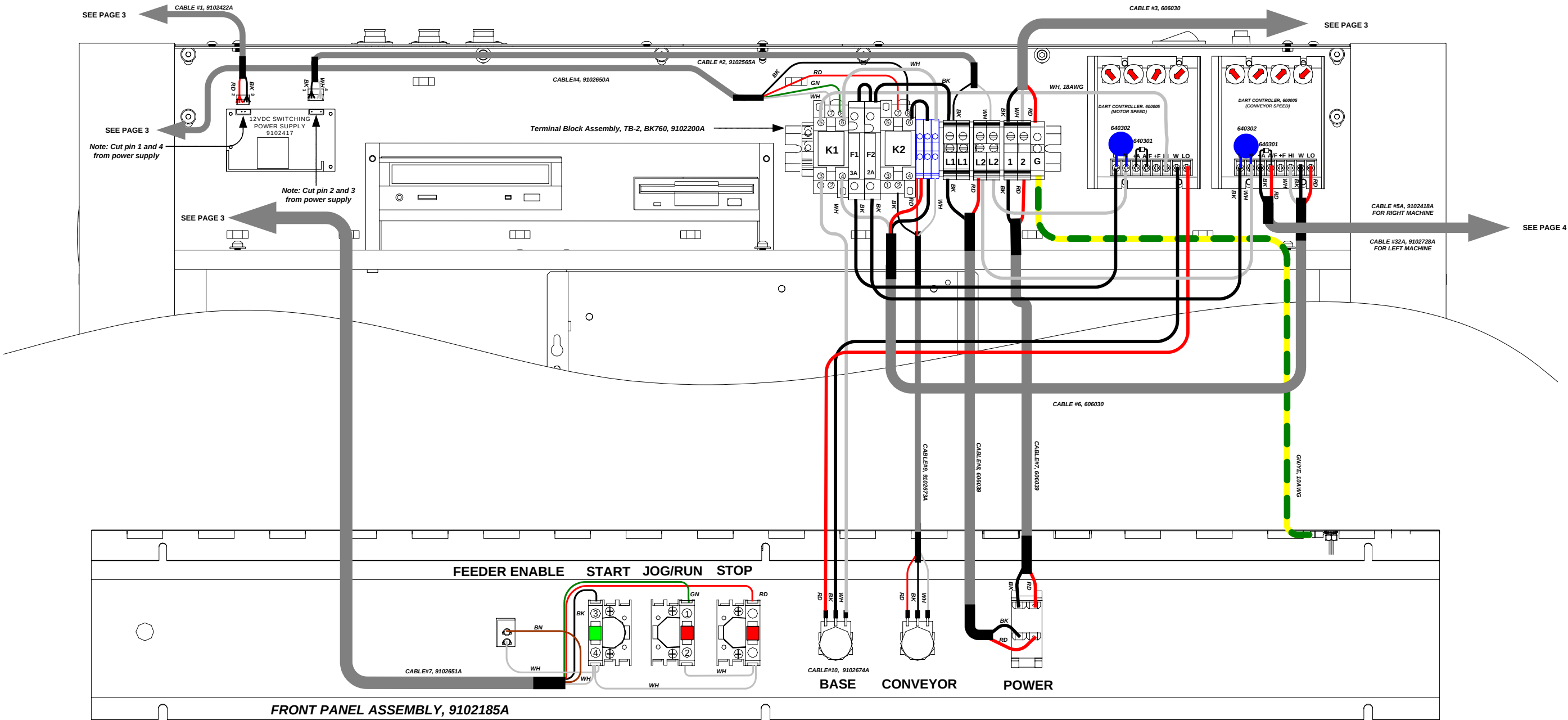


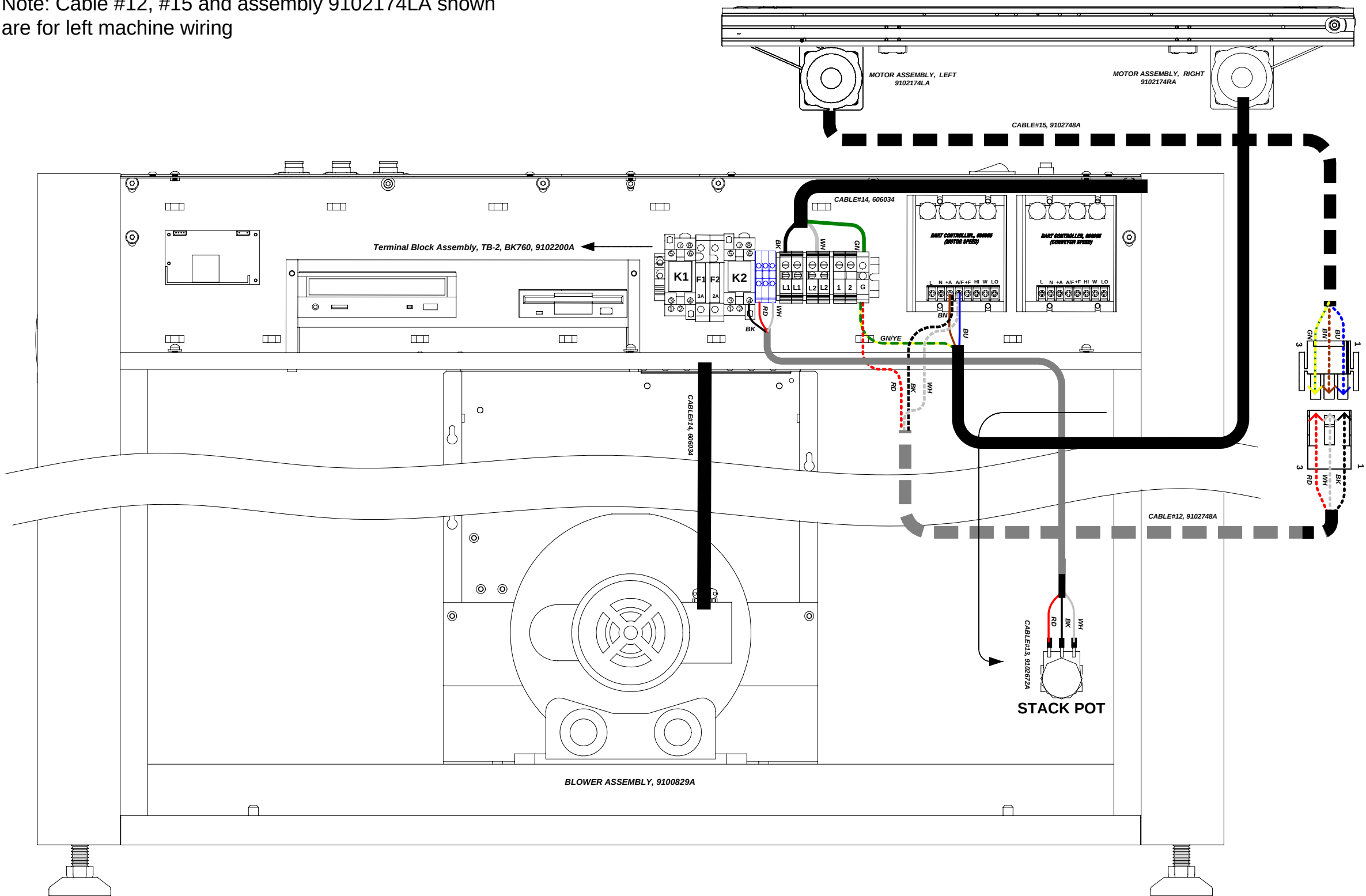
Figure B-2: Unit, BK760, Wiring Diagram – Page 1/5 (BK760AC)



This drawing shows the base to be wired to 200-230V were " L1" and "L2" are used. For 100-115V machines the marker cards should show "L" and "N".

Figure B-3: Unit, BK760, Wiring Diagram – Page 2/5 (BK760AC)

Note: Cable #12, #15 and assembly 9102174LA shown are for left machine wiring



This drawing shows the base to be wired to 200-230V were " L1" and "L2" are used. For 100-115V machines the marker cards should show "L" and "N".

Figure B-4: Unit, BK760, Wiring Diagram – Page 3/5 (BK760AC)

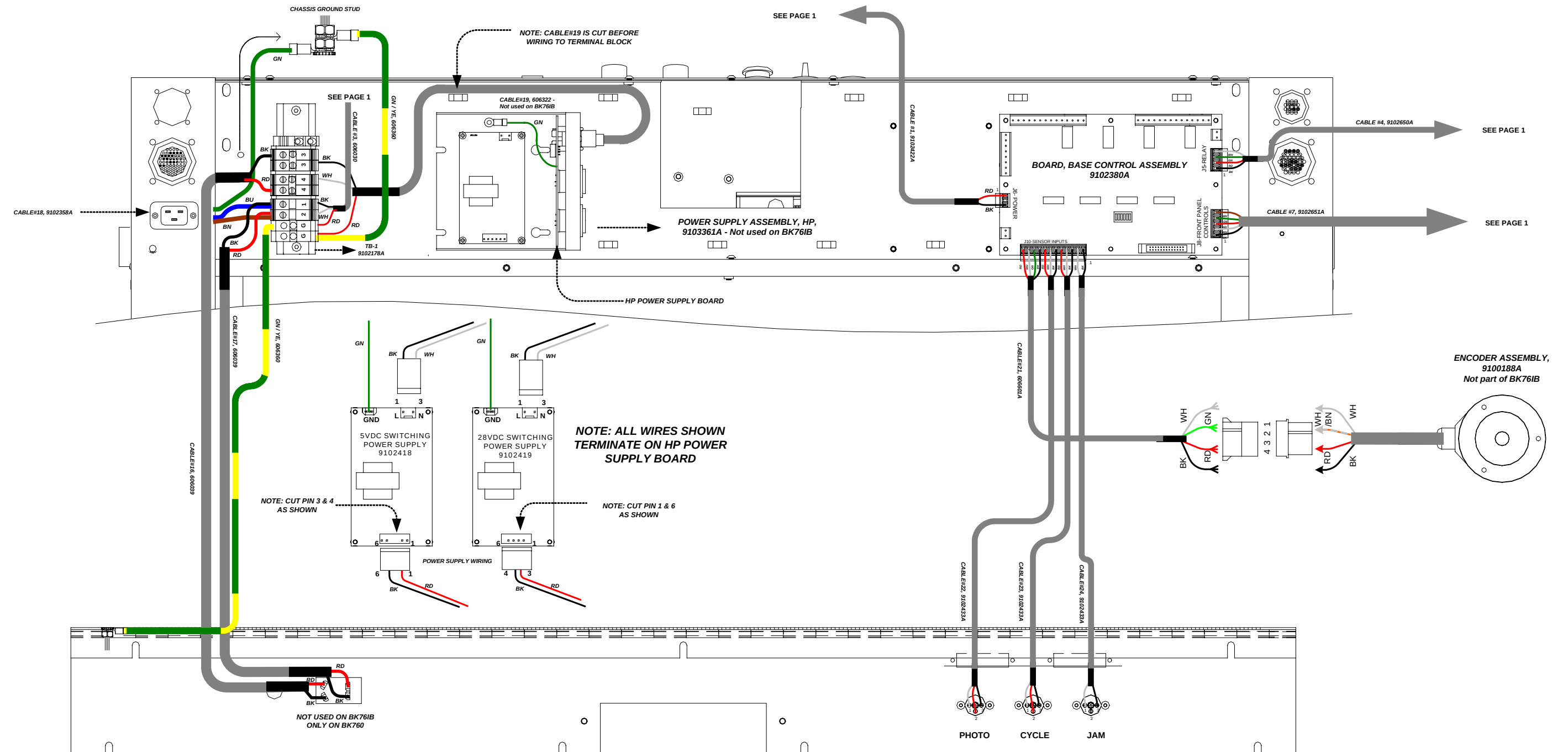


Figure B-5: Unit, BK760, Wiring Diagram – Page 4/5 (BK760AC)

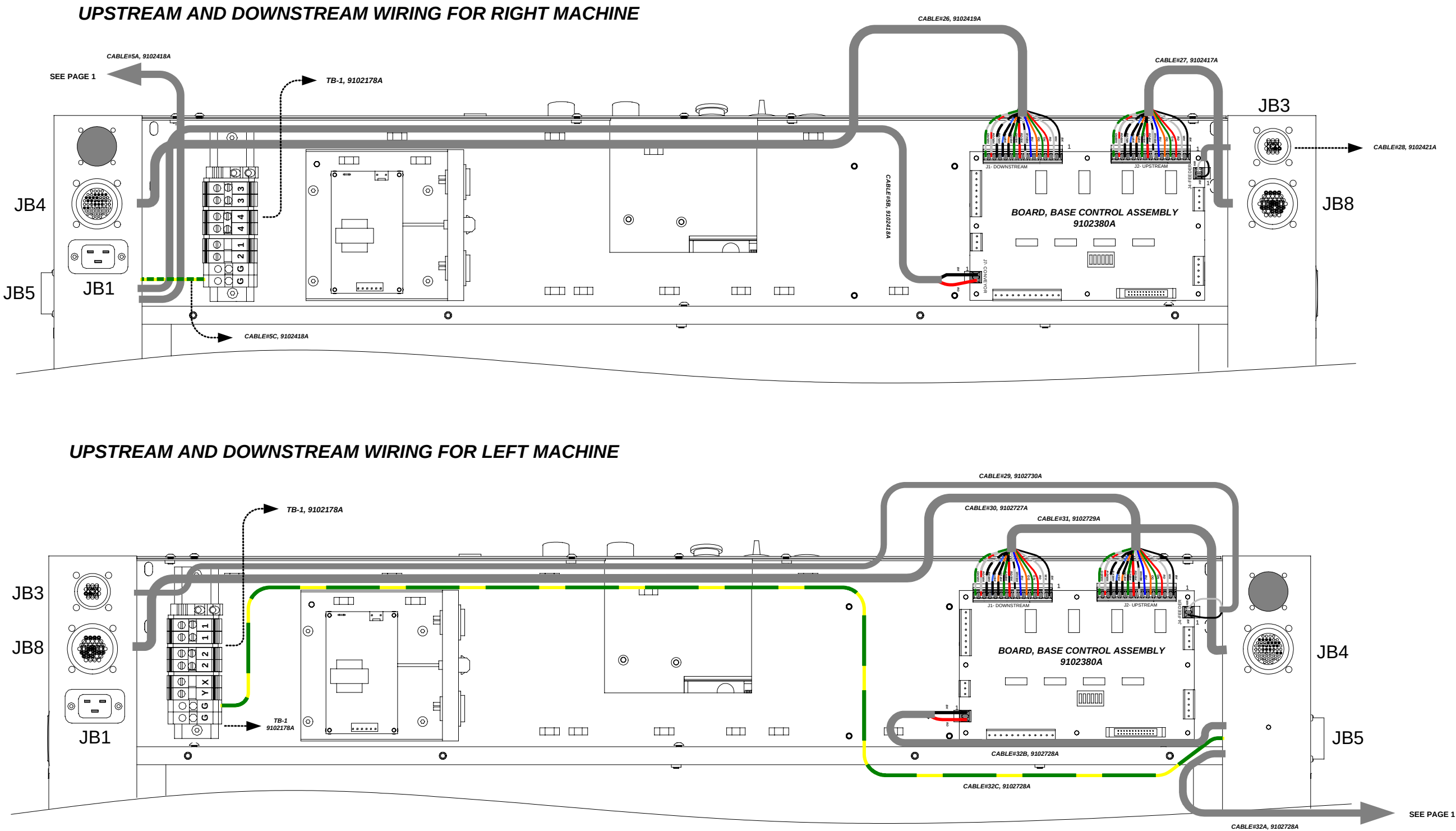


Figure B-6: Unit, BK760, Wiring Diagram – Page 5/5 (BK760AC)

