

Spare parts list for GOSS Digital Drive Control System Master Cabinet Series 2

The following spare parts list is for Goss Digital Press Drive (Headliner Offset, Colorliner Offset, or Flexoliner). This list covers most of the fuses, circuit boards, and processors in the unit and master drive cabinet. Also included on this list are troubleshooting terminal options which the end user may want to consider.

A-B Part / Catalog No.	Item Description	Qty.
*SP-101687	Fuse,1A,250V AC, FRN-R	10
*SP-101690	Fuse,10A,250V AC, FRN-R	5
SP-101726	Fuse,30A,250VAC, FRN-R	5
SP-101712	Fuse,8A,600VAC FRS-R	5
*SP-101059	Surge Suppressor, max	1
SP-101061	Surge Suppressor	1
SP-119901	Motion Detector Assy	1
SP-123495	Circuit Breaker 15A,600V,AC,FDB	1
124715	Circuit Breaker 10A, 125VAC	1
159311	Power Supply,12A,24VDC(Replcs. 123828)	1
SP-125416	Fuse 1A,600V AC, FNQ-R-1	5
SP-119030	Circuit Breaker,5A,250VAC	1
SP-100879	3KVA Control Transformer	1
SP-102826	Linear Accel/Decel	1
SP-101217	AC Control Relay, 4 Pole	1
SP-101219	Cartridge Contact	1
*SP-101220	Relay Mid-Deck, 4 Pole	1
SP-101468	Timing Relay	1
SP-116599	Transformer Control 100VA	1
SP-116580	Relay , 3PDT, 120VAC	1
*SP-130348	Relay, 4PDT,120V	1
*SP-118098	Relay, 4PDT, 120VAC	1
SP-131642	Relay Delay On Brk	1
SP-116596	Relay Flasher	1
SP-131643	Relay, DPDT, 10A	1
SP-125416	Fuse, 1A, 600VAC, FNQ-R	5
118018	Circuit Braker,1.5,250VAC	1
119029	Circuit Breaker,15A,125VAC	1
SP-124517	Pushbutton Push-Pull(Red)	1
110963	Switch Selector	1
117179	Pushbutton Switch(Yellow)	1
117180	Pushbutton, Flush Head(Gray)	1

102005	Pushbutton,Flush Head(Black)	1
SP-103402	Pilot Light(Green)	1
101930	Pilot Light(Red)	1
105895	Pilot Light (Amber)	1

PLC

116633	120V AC Input Module	1
116634	120V AC Output Module	1
126919	I/O Chassis Assy., 4-Slots	1
114728	64 I/O Chassis Assy.	1
127504	Contact Output Module	1
124731	PLC-5/25 Processor, 13K Memory	1
137470	Power Supply	1
103969	120V Input Module	1
123430	PLC-5/15,PLC-5/25 Memory Module	1

*Item is common to master and unit drive cabinets.

Note: If a Colorliner Digital Drive System has been ordered, the drive master cabinet also contains a Data highway IIPLC-5 to press LAN interface module which is also recommended as a spare part. (This interface module is not used on a Flexoliner or Headliner Offset Digital Press Drive).

124730	Data Highway 2/PLC5 Interface Module	1
A-B Part / Catalog No.	Item Description	Qty.
100877	Universal Control Transformer,750V	1
SP-101076	Surge Suppressor	1
SP-101719	Fuse, 6.25A,600VAC, FRS	10
SP-101905	Relay contact 1NO	1
SP-101242	Relay Contact 1NC	1
SP-124686	DC Contactor, 32A, 600V AC	1
SP-116727	Relay, 4 Pole, 24VDC	1
SP-101221	Relay Top Deck	1
SP-128961	Programming Term Door Mount	1
SP-117068	Pilot Light (White)	1
127541	Pilot Light (Amber)	1
SP-104307	Pilot Light (Green)	1
SP-128229	Relay Power Monitor	1
SP-125470	Fan Assembly	1
SP-125471	Fan Filter	1
SP-132095	Encoder	1

In addition to the spare parts list, pick out one drive module and circuit breaker from the list below corresponding to the HP of your drive/motor combination. This will complete the recommended spare parts list for the unit drive cabinet.

A-B Part / Catalog No.	Item Description	Qty.
124460 SP-123485	Bul. 1395 - 50HP (1395-B73-C2-P10-X1)	1
	Circuit Breaker	1
124461 SP-123483	Bul. 1395 - 60HP (1395-B74-C2-P10-P50-X1)	1
	Circuit Breaker 125A, 600VAC	1
124462 SP-123482	Bul. 1395 - 75HP (1395-B75-C3-P10-P50-X1)	1
	Circuit Breaker 150A, 600VAC	1
124463 SP-120048	Bul. 1395 - 100HP (1395-B76-C3-P10-P50-X1)	1
	Circuit Breaker, 175, 600V	1
124464 SP-120050	Bul. 1395 - 125HP (1395-B77-C4-P10-50-X1)	1
	Circuit Breaker 225A, 600V	1
124465 SP-120051	Bul. 1395 - 150HP (1395-B78-C4-P10-P50-X1)	1
	Circuit Breaker 250A, 600V	1
124466 SP-120053	Bul. 1395 - 200HP (1395-B79-C5-P10-P50-X1)	1
	Circuit Breaker 350A, 600V	1

Note: These drive modules are rated for 480VAC, 350A, 600V, incoming line and the indicated HP. If the application requires a different voltage or HP, contact Allen-Bradley for the appropriate catalog number and pricing.

The recommended spare parts list for the unit and master drive cabinets includes hardware required to run the Goss press drive system. An additional piece of equipment may want to be considered for troubleshooting the drive control system (it is not required to operate the press). Although they are not required to operate the press, the additional equipment is required to reload if PLC's lose memory. There are three alternatives that will allow for troubleshooting of the drive system and they are outlined as follows:

Pick one of the following three alternatives:

A.

Note: 1784-T47 (AB#137205) Obsolete, replaced with: 1784-PCMC

1784-PCMC Elect. sub-assy, PLC & Micro-based equipment Includes: PCMK Card, PLC5 Cable, and CP7 Adapter (AB#161635)

1784-CP Interface Cable to PLC-5 (AB#134313)

9323-PLC5 Programming software, 6243-PLC, Rel. 5.0 w/3.5" Disks, Manuals On-Line/Off-Line (AB#166505)

1300-ITS Software Package (Includes 1300-IT10 cable) that allows you to monitor drive functions, detect faults, set parameters, and troubleshoot. (AB#158096)

OR

9303-23S0EFF Drive tools Software - 3.5" Disks (AB#166068)

AB Spares

B.

If the customer has an A/T Personal Computer already, you can use that as an on-line troubleshooting terminal by adding the following hardware:

9323-PLC5 Programming software, 6243-PLC, Rel. 5.0 w/3.5" Disks, Manuals On-Line/Off-Line
(AB#166505)

1784-KT PLC-5 Interface Card
(AB#136683)

1784-CP Interface Cable to PLC-5
(AB#134313)

1300-ITS Software Package (Includes 1300-IT10 cable) that allows you to monitor drive functions, detect faults, set parameters, and troubleshoot.
(AB#158096)

OR

9303-23S0EFF Drive tools Software - 3.5" Disks
(AB#166068)

C.

6160T53 T53 Industrial Programming Terminal
(AB#157906)

1784-CP Interface Cable to PLC-5
(AB#134313)

9323-PLC5 Programming software, 6243-PLC, Rel. 5.0 w/3.5" Disks, Manuals On-Line/Off-Line
(AB#166505)

1300-ITS Software Package (Includes 1300-IT10 cable) that allows you to monitor drive functions, detect faults, set parameters, and troubleshoot.
(AB#158096)

OR

9303-23S0EFF Drive tools Software - 3.5" Disks
(AB#166068)

You may consider purchasing a spare unit drive, spare master controller and spare motor in lieu of the normal maintenance level of parts. The items can be used not only as a spare parts source, but when connected to power can also serve as a training demo/tool and as a test dyne to check suspect failed components.

**Unit/Folder Controller
Description**

50HP Unit/Folder Controller
WITH 1750/2333 RPM MOTOR Series 2

60HP Unit/Folder Controller
WITH 1750/2333 RPM MOTOR Series 2

75HP Unit/Folder Controller
WITH 1750/2333 RPM MOTOR Series 2

100HP Unit/Folder Controller
WITH 1750/2333 RPM MOTOR Series 2

125HP Unit/Folder Controller
WITH 1750/2333 RPM MOTOR Series 2

150HP Unit controller
WITH 1750/2333 RPM MOTOR Series 2

200HP Unit controller
WITH 1750/2333 RPM MOTOR Series 2

Note: if controller is to be purchased without the motor, contact factory.

A-B Part / Catalog No.	Item Description	Qty.
SP-132096	Encoder	1

<table border="1" data-bbox="548 1291 1154 1381"> <tr> <td align="center"> MASTER CONTROLLER FOR DIGITAL PRESS DRIVES, SERIES 2 </td> </tr> </table> <p>COLORLINER (Includes DHII Interface for APCS Communications) FLEXOLINER , HEADLINER & METROCOLOR</p>	MASTER CONTROLLER FOR DIGITAL PRESS DRIVES, SERIES 2
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