

## Spare Parts List For GOSS Digital Drive Control System Master Cabinet Series 1

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-101661	Fuse 5A,250VAC, FRN-R	5
SP-101718	Fuse 3.2A,250VAC, FRN-R	5
SP-101723	Fuse,15A, 250VAC, FRN-R	10
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	5
SP-119030	Circuit Breaker,5A,250VAC	1
SP-100879	Transformer control, 750VA	1
SP-101771	Fuse, 5.6A,250VAC, FRN-R	5
116418	Surge Suppressor 120VAC	1
104124	Power Supply, 24VDC, 2/4V (Replcs.124771)	1
*SP-126037	Signal Isolater	1
*SP-101059	Surge Suppressor, max	1
SP-101061	Surge Suppressor	1
SP-116599	Transformer Control 100VA	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
116725	24V I/O Output Module	1
124731	PLC-5/25 Processor, 13K Memory	1
123430	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 II PLC-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
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<b>A-B Part / Catalog No.</b>	<b>Spare Parts List For Unit Cabinets</b>	<b>Qty.</b>
SP-100876	Universal Control Transformer, 500VA	1
SP-101076	Surge Suppressor	1
SP-101769	Fuse, 7A, 250V, FRN-R	5
SP-101741	Fuse, 5A, 600VAC, FRS-R	10
SP-124686	DC Contactor, 32A, 600V AC	1
SP-125417	Fuse, 1.5A, 600VAC, FNQ-R	10
*SP-126037	Signal Isolater	1
SP-132095	Encoder	1

In addition to this 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.

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

Pick one of the following three alternatives:

**A.**

1784-PCMC **Note:** 1784-T47(AB#137205)Obsolete, replaced with: 1784-PCMC (AB#161635) Elect. sub-assy, PLC & Micro-based equipment Includes: PCMK Card, PLC5 Cable, and CP7 Adapter

1784-CP  
(AB#134313) Interface Cable

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

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)

**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  
(AB#166505) On-Line/Off-line

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  
(AB#166505) On-Line/Off-line

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.

<b>UNIT/FOLDER CONTROLLER</b> <b>Description</b>
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50HP Unit/Folder Controller  
WITH 1750/2333 RPM MOTOR Series1

60HP Unit/Folder Controller  
WITH 1750/2333 RPM MOTOR Series1

75HP Unit/Folder Controller  
WITH 1750/2333 RPM MOTOR Series1

100HP Unit/Folder Controller  
WITH 1750/2333 RPM MOTOR Series1

125HP Unit/Folder Controller  
WITH 1750/2333 RPM MOTOR Series1

150HP Unit controller  
WITH 1750/2333 RPM MOTOR Series 1

200HP Unit controller  
WITH 1750/2333 RPM MOTOR Series1

**NOTE:**

If controller is to be purchased without the motor, contact factory

If utilizing the unit controller/motor in a test dyne/training demo configuration, also purchase:

<b>A-B Part / Catalog No.</b>	<b>Item Description</b>	<b>Qty.</b>
132095	Encoder	1

<b>MASTER CONTROLLER FOR DIGITAL PRESS DRIVES, SERIES 1</b>
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COLORLINER (Includes DHII Interface for APCS Communications)

FLEXOLINER , HEADLINER, & METROCOLOR