Notes:
1) All cabling supplied by customer except for cabling from sensor bar to Junction Box
2) Systems configured for 110VAC cannot be used with 220VAC w/o modifications.
3) All external wiring to be done per local electrical codes.
4) Customer Requirements Prior to U.S. Automation Technician arrives unless other previous arrangements have been made:
   - All web detection bars and associated junction boxes installed on the press
   - Master Control Unit installed in an enclosure
   - Main Touchscreen and Optional Remote Screen installed in a console or enclosure
   - 10% and 20% speed signal(s) brought to Master Control Unit for each press line
   - E-Stop Loop(s) (Press Stop Request) brought back to Master Control Unit
   - Pull all cables between various electronics components, i.e. j-boxes, master control unit, and touchscreen (note: U.S. Automation will complete termination of cables)
   - Control wiring for severers brought back to Master Control Unit if applicable
   - Provide clean system power on dedicated circuit to WebMax Master Control CPU Unit

WebMax PLC Master Control Unit
(1514, 1530, 1546, or 1530 Models)

WebMax Web Detector Bar #1
(1, 2 or 3 Sensor Head Model)

WebMax Web Detector Bar #2
(1, 2 or 3 Sensor Head Model)

WebMax Web Detector Bar #“X”
(1, 2 or 3 Head Model)

110VAC Single Phase (220 VAC Optional)
4 Conductor 20 GA Shielded Cable
or 6 Conductor For 3 Head Bars

J-Box

1 Connectorized Cable Per Sensor Head
(Pre-Wired to Bar)

Locate within 4M (13’) Cable Distance to Web Detector Bar

To Web Severer #1 (If Equipped, Consult Electrical Prints)
12 Web Severers Max. Per System

-Press #1-
To Press #1 - 10% Signal (N.O. Dry Contacts)
Contacts Close at 10% & 20% Speed
To Press #1 - 20% Signal (N.O. Dry Contacts)
To Press #1 - E-Stop Control Loop

-Press #2 (If Applicable)-
To Press #2 - 10% Signal (N.O. Dry Contacts)
Contacts Close at 10% & 20% Speed
To Press #2 - 20% Signal (N.O. Dry Contacts)
To Press #2 - E-Stop Control Loop

6 Conductor Shielded Cable
RS-232 (Comm Line) 15M (50’) Max.

WebMax HMI Display Panel
(Remote (Slave) Panel)

WebMax HMI Display Panel
(Master)

6 Conductor Shielded Cable
RS-232 (Comm Line) 15M (50’) Max.

2 Conductor 24VDC (HMI Power)

CAT 5 Ethernet Crossover Cable w/ RJ45 Conn.
Customer Requirements Prior to U.S. Automation Technician arrives:

- Master Control Unit installed in an enclosure
- Main Touchscreen and Optional Remote Screen installed in a console or enclosure
- 10% and 20% speed signal(s) brought to Master Control Unit for each pressline
- E-Stop Loop(s) (Press Stop Request) brought back to Master Control Unit
- Pull all cables between various electronics components, i.e. j-boxes, master control unit, and touchscreen (note: U.S. Automation will complete termination of cables)
- Control wiring for severers brought back to Master Control Unit if applicable
- Provide clean system power on dedicated circuit to WebMax Master Control CPU Unit