

Configured Web Guide

15" – 22"

In accordance with Nexen's established policy of constant product improvement, the specifications contained in this manual are subject to change without notice. Technical data listed in this manual are based on the latest information available at the time of printing and are also subject to change without notice.

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DANGER

Read this manual carefully before installation and operation.

Follow Nexen's instructions and integrate this unit into your system with care.

This unit should be installed, operated and maintained by qualified personnel ONLY.

Improper installation can damage your system or cause injury or death.

Comply with all applicable codes.

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ISO 9001 Certified

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INSTALLATION

GUIDE ROLL MECHANISM

1. Position the Web Guide as close as possible to the critical area to which the web is being guided. Any roll between the lead out roll **D** and the critical area will detract from guiding accuracy (See Figure 1).
2. Find the web path to be used (See Figure 1).
 - a. Lead in roll **B** and lead out roll **D** are customer provided.
 - b. The web must travel through the Web Guide in the direction of the arrow on the Roll Base of the Web Guide.
 - c. Web lead in distance (**B** to **A**) and lead out distance (**C** to **D**) must be at least equal to the web width.

NOTE: 1 1/4 times the web width is the recommended distance between web lead in and lead out.

- d. Ensure that the Web Guide roll **A** and **C** are parallel to the web lead in roll **B** and the lead out roll **D** when the Web Guide is in its mid-travel or centered position.

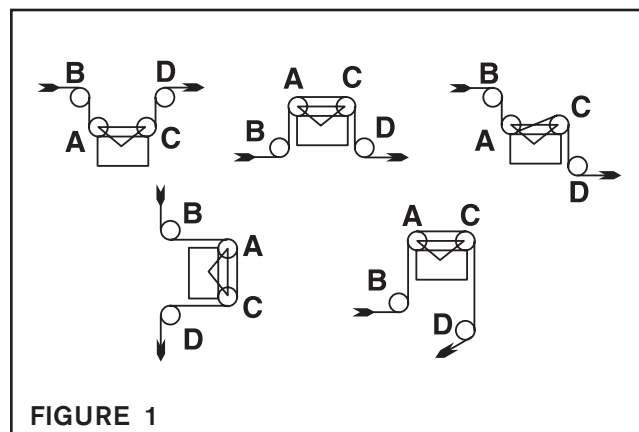


FIGURE 1

MOUNTING THE WEB GUIDE

Mount the Web Guide to the machine using the four M8 x 1.25 tapped mounting holes located on the underside of the Base (See Figure 2 and Table 1 for mounting dimensions).

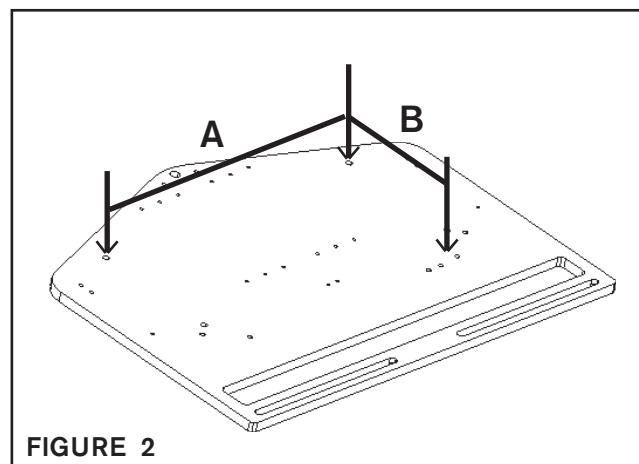


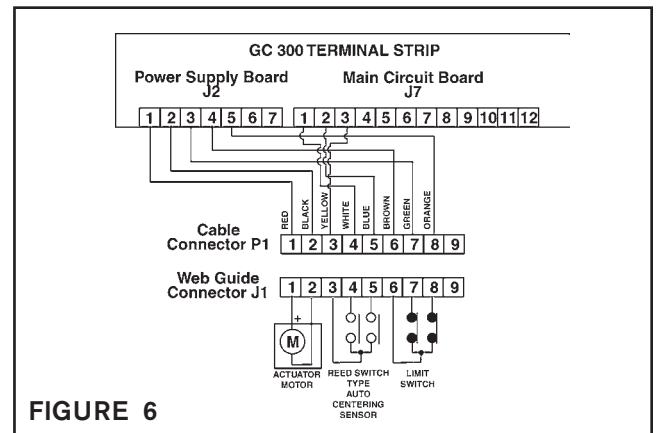
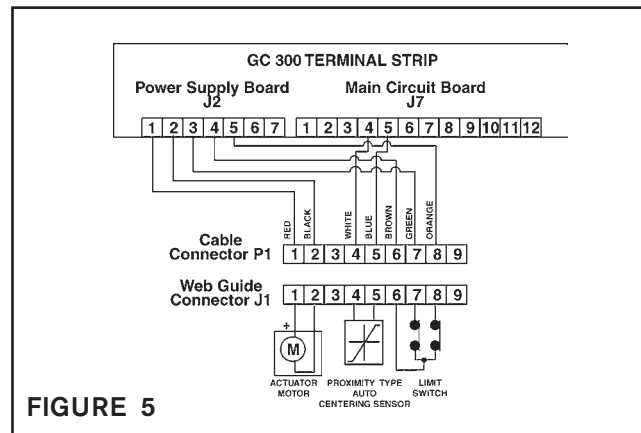
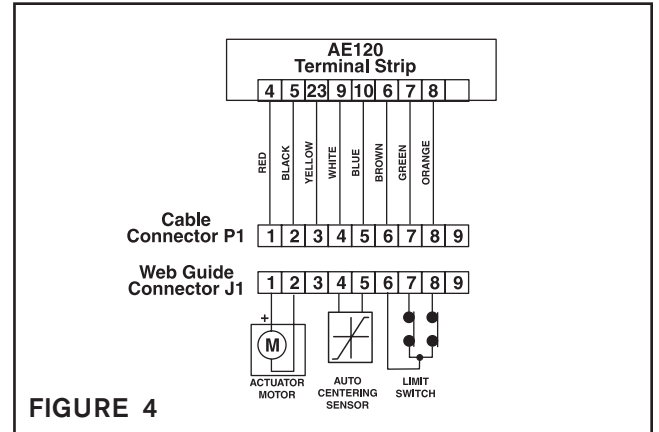
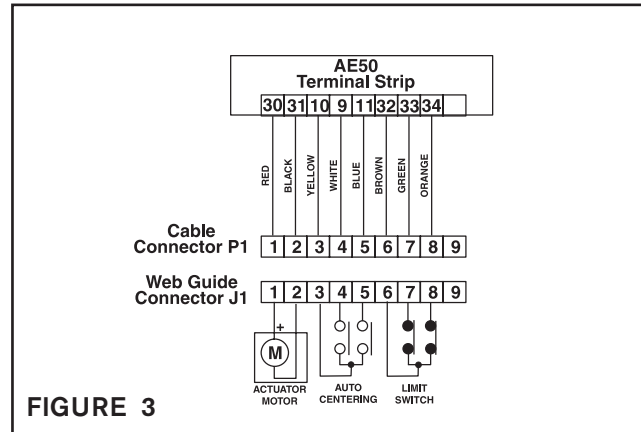
FIGURE 2

TABLE 1

WEB GUIDE SIZE	A	B
15"	15.75"	6.30"
18"	15.75"	6.30"
21"	15.75"	6.30"
22"	15.75"	6.30"

ELECTRICAL CONNECTIONS

Nexen provides a cable compatible with the Large Web Guide to connect the web guide controller to the Web Guide. A cable makes the connections between the web guide controller and the Linear Actuator, Centering Switches, and Limit Switches. **P1** mates with connector **J1** mounted on the Web Guide (See Figures 3-6).



LIMIT SWITCH ADJUSTMENT

CAUTION

The Limit Switches have been set by Nexen for maximum travel. Limit Switches must be adjusted to interrupt movement before contact is made with a physical obstruction or stop. If there is no obstruction, the Limit Switches should remain in their factory set positions for maximum travel.

1. Loosen the Socket Head Button Screws holding the Limit Switch Brackets and slide the Limit Switches to their fully extended positions (See Figure 7).
2. Turn "ON" the web guide controller and set it to the manual control mode.
3. Using the web guide controller's push buttons, rotate the web guide in one direction until the desired end of travel is reached (See Figure 8).
4. Connect a voltmeter across Terminals 1 and 2 of the Limit Switch (See Figure 7) that will limit the web guide movement in the direction just moved.
5. Slide the Limit Switch towards the Proximity Switch Bracket until the Limit Switch is activated by the Proximity Switch Bracket and the voltmeter reads ± 5 volts.
6. Tighten the Limit Switch's Socket Head Button Screws (See Figure 7).
7. Repeat Steps 3 through 6 for the second Limit Switch.
8. Turn the web guide controller "OFF".

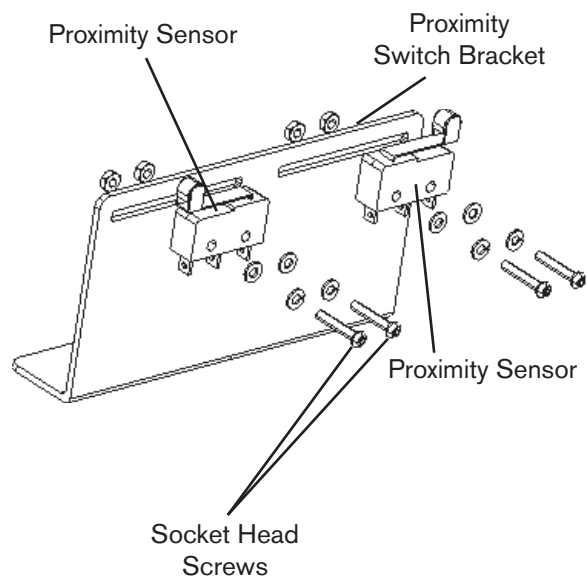


FIGURE 7

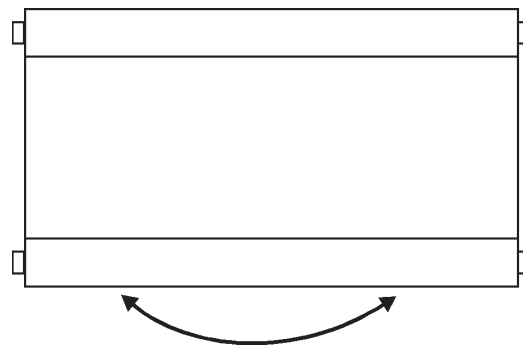


FIGURE 8

SENSOR MOUNTING

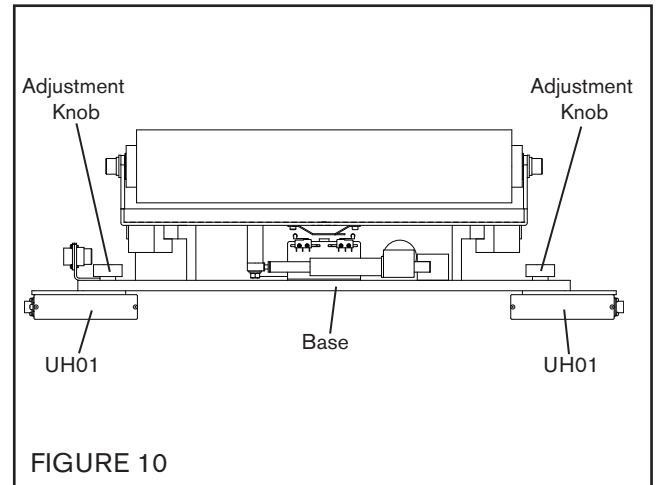
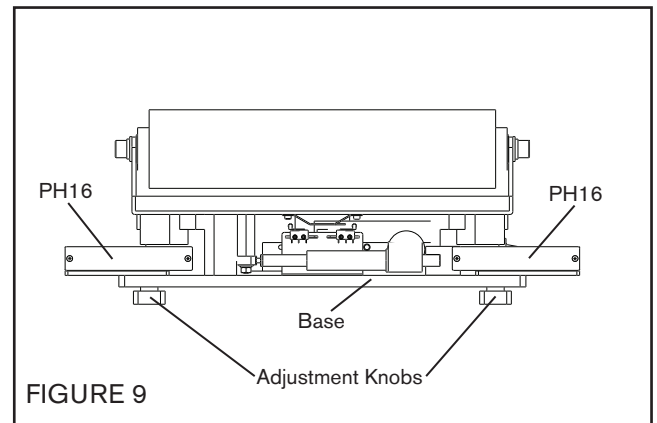
PH16 Edge Guide Sensor

Mount the sensor(s) to the ***topside*** of the base on the left or right side, depending on the web edge to follow (see Figure 9).

UH01 Edge Guide Sensor

Mount the sensor(s) to the ***underside*** of the based on the left or right side, depending on the web edge to follow (see Figure 10).

Use knob to slide sensor in and out; refer to the controller's user manual for procedure to position sensor to accurately view the web's edge.

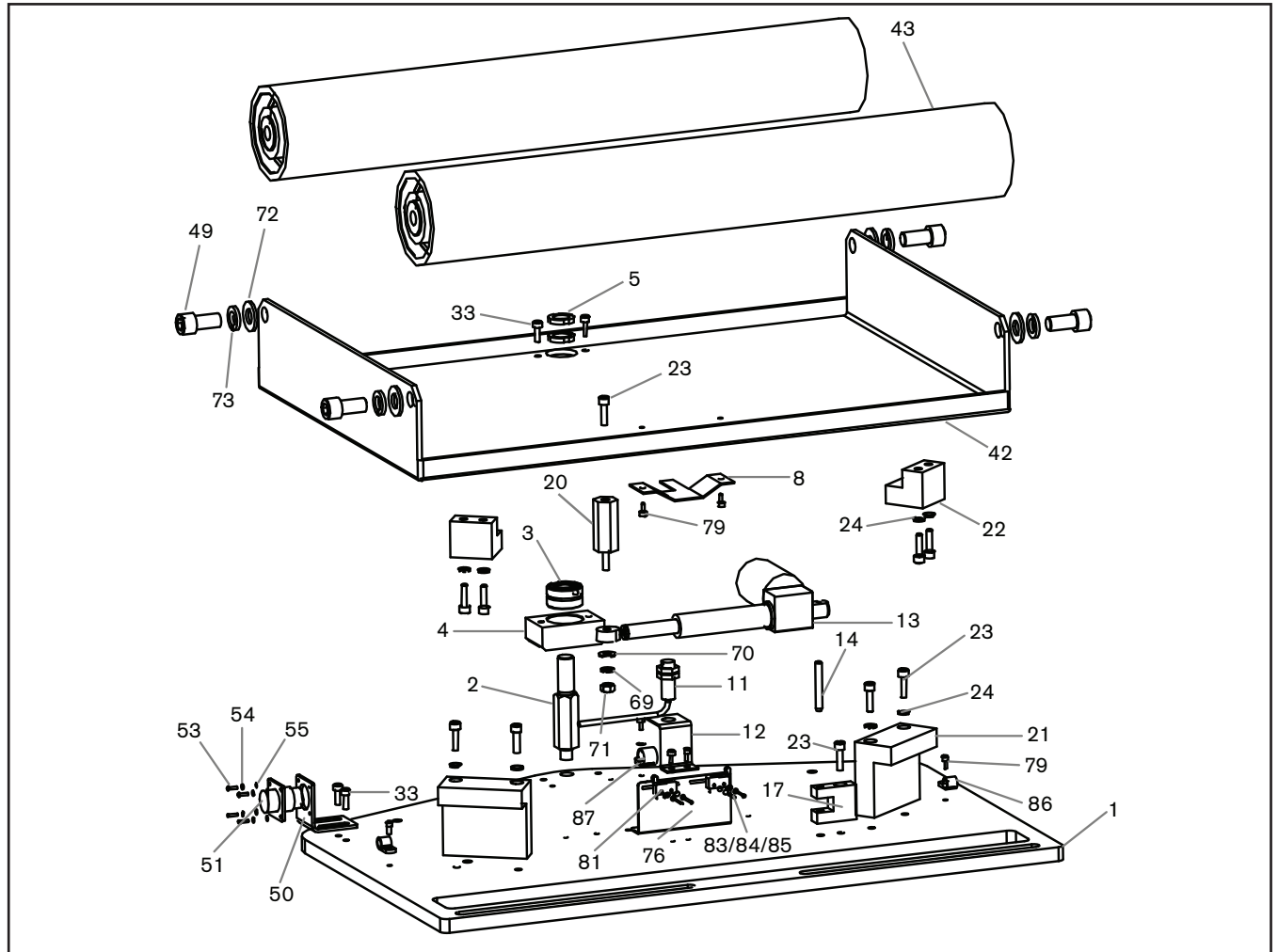


REPLACEMENT PARTS

The item or balloon number for all Nexen products is used for part identification on all product parts lists, product price lists, unit assembly drawings, bills of materials, and instruction manuals.

When ordering replacement parts, specify model designation, item number, part description, and quantity. Purchase replacement parts through your local Nexen Distributor.

PARTS LIST



ITEM	DESCRIPTION	QTY
1	Base	1
2	Center Pivot Shaft	1
3	Angular Bearing	1 set
4	Shaft Housing	1
5	Bearing Lock Nut	2
8	Proximity Switch Bracket	1
10	Flat Washer (not shown) M4	1
11	Proximity Switch	1
12	Proximity Switch Base	1
13	Linear Actuator	1
14	Dowel Pin (.250)	1
17	Actuator Block	1
20	Actuator Pivot Shaft	1
21	Base Stand	2
22	Tray Stand	2
23	Cap Screw (M5 x 0.8)	10
24	Flat Washer (M6)	8
33	Socket Head Cap Screw (M5 x 0.8)	4
42	Roll Tray	1
43	Roll Assembly	2
49	Socket Head Cap Screw (.500-13)	4

ITEM	DESCRIPTION	QTY
50	Connector Bracket	1
51	Receptacle	1
53	Pan Head Screw (M2.5 x 0.45)	4
54	Spring Lock Washer (M2.5)	4
55	Flat Washer (M2.5)	4
58	Pin (not shown)	8
69	Spring Lock Washer (.250)	1
70	Flat Washer (.250)	1
71	Hex. Nut (.250-20)	1
72	Flat Washer (.500)	4
73	Spring Lock Washer (.500)	4
76	Adjustment Bracket	4
79	Socket Head Screw (M4 x 0.7)	7
81	Limit Switch	2
83	Socket Head Screw (M2 x 0.4)	4
84	Flat Washer (M2)	4
85	Spring Lock Washer (M2)	4
86	Cable Clamp	2
87	Cable Clamp	1
93	Nut, Hex (M2 x 0.4)	4

WARRANTY

Warranties

Nexen warrants that the Products will be free from any defects in material or workmanship for a period of 12 months from the date of shipment. NEXEN MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. This warranty applies only if (a) the Product has been installed, used and maintained in accordance with any applicable Nexen installation or maintenance manual for the Product; (b) the alleged defect is not attributable to normal wear and tear; (c) the Product has not been altered, misused or used for purposes other than those for which it was intended; and (d) Buyer has given written notice of the alleged defect to Nexen, and delivered the allegedly defective Product to Nexen, within one year of the date of shipment.

Exclusive Remedy

The exclusive remedy of the Buyer for any breach of the warranties set out above will be, at the sole discretion of Nexen, a repair or replacement with new, serviceably used or reconditioned Product, or issuance of credit in the amount of the purchase price paid to Nexen by the Buyer for the Products.

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Limitation of Damages

In no event shall Nexen be liable for any consequential, indirect, incidental, or special damages of any nature whatsoever, including without limitation, lost profits arising from the sale or use of the Products.

Warranty Claim Procedures

To make a claim under this warranty, the claimant must give written notice of the alleged defect to whom the Product was purchased from and deliver the Product to same within one year of the date on which the alleged defect first became apparent.

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