

## GATE ASSEMBLY & BARRIER GUARD MEASUREMENT FOR GAP OR C-FRAME MACHINES

### MEASURING INSTRUCTIONS FOR GATE ASSEMBLY MODELS XL-2G THROUGH XL-6G

The following instructions are for measuring XL-2G through XL-6G gate assemblies and barrier guards. The basic information necessary to quote or fabricate any of the listed gates and barrier guards is the size of the gate, the frame type, nonadjustable area construction, height of panel(s), panel segments (if required), and mounts to attach the gate and guards to the machine. **The length of all panels will be determined by Rockford Systems.**

The following instructions are purposely kept as simple as possible to avoid long explanations of the many variations available.

- 1 Fill in the complete heading as indicated.
- 2 Check appropriate gate model number.
  - XL-2G** = 2 panel and gate
  - XL-3G** = 3 panel and gate
  - XL-4G** = 4 panel and gate
  - XL-5G** = 5 panel and gate
  - XL-6G** = 6 panel and gate(If any panels are not required, leave the section blank in the panel chart.)
- 3 Measure and record the bolster width and depth.
- 4 Measure web width of frame, if the barrier guard is to be mounted to the front of the frame behind the bolster plate.
- 5 Measure and record the distance from the mounting point of the guard on the frame of the machine to the rear of the bolster. Measure and record the outside width of the press frame behind the bolster plate.
- 6 Indicate desired position of **L** and **R** panels and gate relative to the bolster. Drawing shows panels and gate outbound of the bolster. If panels or gate should be inbound, enter minus (-) dimensions, or on the bolster, enter zero.
- 7 Enter the minimum and maximum feedline heights. Enter distance from the bottom of the gate to bolster (usually 0 inches). If below bolster, enter inches.
- 8 Measure and record the clearance from the flywheel cover or obstruction to the top of the bolster. This dimension could affect the panel height if the panel is to be swung underneath. Indicate if view is from left or right side of the machine.

**When measuring, be sure the gate will lift completely without hitting any obstruction.**
- 9 Measure and record the feedline depth.
- 10 Indicate the gate lift height required, normally 12" or 18" is sufficient.

- 11 Indicate mounts required for **LR**, **L**, **R**, or **RR** panels.
  - SFM** Side Frame Mount
  - SFM-7** Side Frame Mount (3", 5", or 7")
  - SFM-24** Side Frame Mount up to 24"
  - FFM** Front Frame Mount

*Note: The panel will begin approximately 2½" from the mounting point with the SFM, SFM-7, or SFM-24 mount. The panel will begin approximately 1" from the mounting point with the FFM mount.*
- 12 Indicate frame type for each panel and gate.
  - NAP** Nonadjustable Panel
  - AP1** Adjustable Panel (½ frame)
  - AP2** Adjustable Panel (⅓ frame)
  - AP3** Adjustable Panel (¼ frame)
  - AP4** Adjustable Panel (Center—Full frame)
  - AP5** Adjustable Panel (Lower—Full frame)
  - API** Adjustable Panel (Inclinable)

**The gate can ONLY be NAP or AP3.**
- 13 Indicate the construction of the nonadjustable area for each panel.
  - B** ½" Sq. Black Mesh (16 gauge)
  - B1** 1" Sq. Black Mesh (12 gauge)
  - Y** ½" Sq. Yellow Mesh (16 gauge)
  - Y1** 1" Sq. Yellow Mesh (12 gauge)
  - PC** Polycarbonate (⅜" thick)

**The gate is normally polycarbonate.**
- 14 Indicate height of each panel.
- 15 Indicate length of each panel. **Rockford Systems will determine length(s) based on other dimensions provided.**
- 16 Indicate panel segment type, height, length, and if hinged or nonhinged, if required.
  - FS** Feeder Segment
  - AS** Adjustable Segment
  - PCS** Polycarbonate Segment
  - ES** Empty Segment
- 17 Indicate if **L**, **LF**, **Gate**, **RF**, or **R** panels require an interlock switch and choose locking or nonlocking.
- 18 Indicate if **L**, **LF**, **Gate**, **RF**, or **R** panel needs to be hinged (L or R).

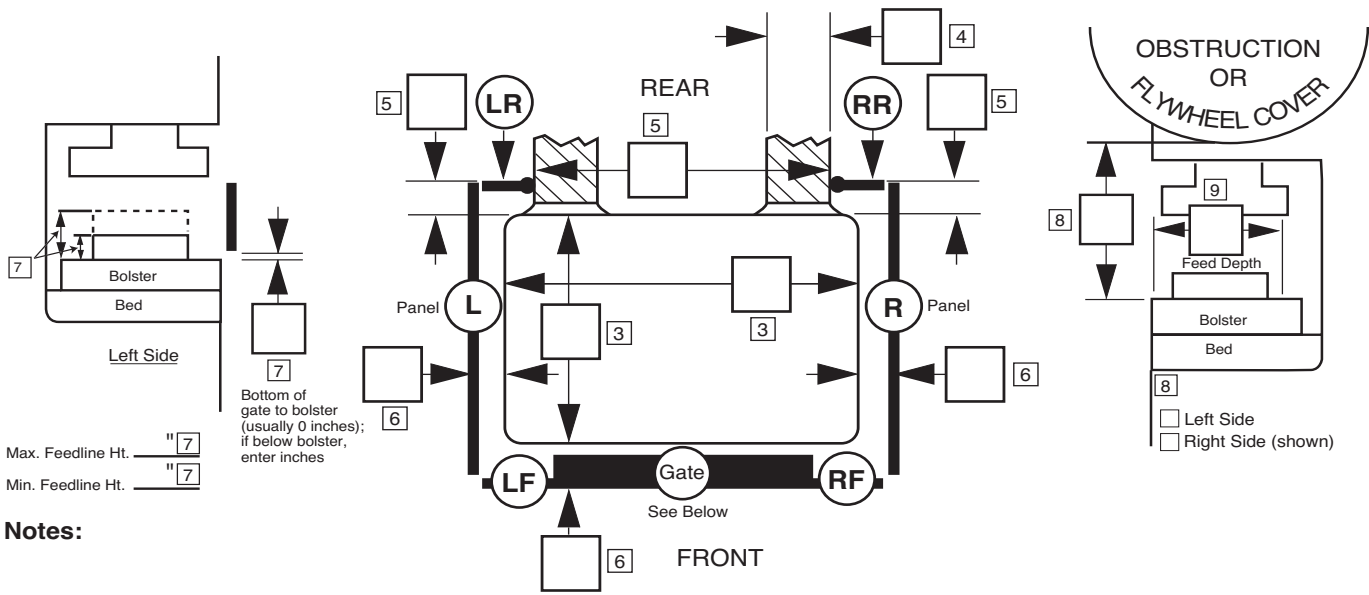
**The gate ALWAYS hinges left.**
- 19 Indicate if hairpins are required in place of **LR** or **RR** panel. The number of hairpins supplied will be determined by the height of the **L** or **R** panel. Indicate the height of hairpins required in the box.
- 20 Indicate if roof section(s) are required. Provide height and length.
- 21 Indicate if floor section(s) are required. Provide height and length.
- 22 Choose proximity switch (for 24 V DC only) or limit switch.

# GATE ASSEMBLY & BARRIER GUARD MEASUREMENT FORM—GAP OR C-FRAME MACHINES

## GATE ASSEMBLY WITH MULTI-PANEL GUARDS—XL-2G, XL-3G, XL-4G, XL-5G, XL-6G

If more than one machine is to be measured, submit one form for each machine. (See previous page for instructions.)

1 Company \_\_\_\_\_ Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
 Attention \_\_\_\_\_ Rep. \_\_\_\_\_  
 Mach. Mfr. & Model No. \_\_\_\_\_ Mach. No. \_\_\_\_\_ Measured By \_\_\_\_\_



PANEL CHART							
Panel	LR	L	LF	Gate	RF	R	RR
Frame Type NAP, AP1, AP2, AP3, AP4, AP5, API	12	12	12	12	12	12	12
Nonadjust. Area Const. B, B1, Y, Y1, PC	13	13	13	13	13	13	13
H (Height)	14	14	14	14	14	14	14
L RSI To Complete (Length)	15	15	15	15	15	15	15
Panel Segment Type FS, AS, PCS, ES	16	16	16		16	16	16
H (Height)							
L (Length)							
H (Hinged) NH (Nonhinged)							
Electrical Interlock Y (Yes) N (No)		17	17	Y	17	17	
Hinged L or R		18	18	L	18	18	
Hairpins (In place of LR or RR)	19						19

2 MODEL

XL-2G     XL-3G  
 XL-4G     XL-5G  
 XL-6G

10 GATE LIFT HEIGHT

12"     Other \_\_\_\_\_"  
 18"

11 MOUNTS

SFM     SFM-3, -5, -7  
 (Circle one)  
 SFM-24     FFM

17 ELEC. INTERLOCK

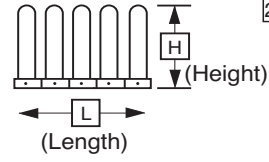
Locking     Nonlocking

22 CHOOSE ONE

Proximity Switch (24 V DC only)  
 Limit Switch

20 ROOF SECTION

Panel	H	L
L		
LF		
Gate		
RF		
R		



21 FLOOR SECTION

Panel	H	L
L		
LF		
Gate		
RF		
R		

\*Indicate in the Notes section above if a vertical section of hairpins is required above the L or R panel.