SOLID SWEEP ASSEMBLY INSTRUCTIONS

PRODUCT # 55-1
Solid Sweep with 30' Adj. Alloy + Adj. Alloy Gate + Freq. Panel / Sorting Gate

PRODUCT # 55-2
Solid Sweep with 30' Adj. Alloy

PRODUCT # 55-3
Solid Sweep with 40' Adj. Alloy

PRODUCT # 55-4
Solid Sweep with 20' Adj. Alloy

PRODUCT # 55-5
20' Solid Adj. Alloy

PRODUCT # 55-6
20' Solid Adj. Alloy - Adj. Alloy Gate + Freq. Panel / Sorting Gate

PRODUCT # 55-7
13' Solid Sweep Only

Revolution
Sweep and Alley Systems
Eliminates "cow trap" common with conventional sweeps
Sweep gate extends alley by an additional 8'
Easy adjusting alley system (16", 21", 25", & 30" widths)
Available with 20', 30', or longer alley (in 10' sections)
All standard alley panels equipped with emergency exit release
6" tail

Access to the colostrum around the sweep and alley
Powder-Coated Gummetal Grey

Product # 55-2 | Solid Sweep with 30' Adj. Alloy + Sorting Gate

<table>
<thead>
<tr>
<th>Qty.</th>
<th>Product</th>
<th>Part No.</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Sheeted Alley Stop</td>
<td>SAS</td>
</tr>
<tr>
<td>1</td>
<td>Sheeted Bow Gate</td>
<td>SGB</td>
</tr>
<tr>
<td>3</td>
<td>Sheeted Curved Panels</td>
<td>SCP</td>
</tr>
<tr>
<td>1</td>
<td>Straight Sweep Panel</td>
<td>SSP</td>
</tr>
<tr>
<td>3</td>
<td>Solid Sweep Radius Bars</td>
<td>SRRB</td>
</tr>
<tr>
<td>1</td>
<td>Solid Sweep Radius Row</td>
<td>SSRROW</td>
</tr>
<tr>
<td>2</td>
<td>Sheeted Adj. Panels</td>
<td>SAP</td>
</tr>
<tr>
<td>2</td>
<td>Sheeted Freq. Panel / Sorting Gates</td>
<td>SPPSG</td>
</tr>
<tr>
<td>2</td>
<td>Sheeted Adj. Alley Gate</td>
<td>SAAP</td>
</tr>
<tr>
<td>1</td>
<td>3A'F with Squeeze Gate Attachment</td>
<td>SMFC</td>
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<tr>
<td>1</td>
<td>Sheeted Adj. Alley Gate</td>
<td>SAAG</td>
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</tbody>
</table>
PARTS REQUIRED

For Steps 1-14, you’ll need

- Bow Gate (A)
- Curve Panel (B)
- Radius Bar (C)
- Radius Bow (D)
- Straight Sweep Panel (E)

For Steps 15-27, you’ll need

- Alley Panel (F)
- Adj. Alley Frame (G)
- Preg. Panel/Sorting Gate (H)
- Adj. Alley Frame w/Shute Attach. (I)
- Adj. Alley Gate (J)
- Alley Stop (I)

TOOLS REQUIRED

- Rubber Mallet
- 1 - 3/4” Socket Wrench w/ratchet
- 1 - 3/4” Wrenches

MANPOWER

3 STRAPPING COWBOYS

NOTE: IF FORKLIFT IS ACCESSIBLE, WILL MAKE ASSEMBLY EASIER.
Layout all items of solid sweep & alley (PARTS A-I) in the order you will put them up.

STEP 1

This is how to lay out the solid sweep tub (PARTS A-E) for easy assembly.

STEP 2

Laying out the sweep alley before you start your assembly makes the assembly go smoother.

STEP 3

Tilt the BOW GATE (A) toward alley to expose the bolt holes for the RADIUS BARS (C). Bolt all three RADIUS BARS (C) on the BOW GATE (A) while BOW GATE (A) is tilted.

STEP 4
**STEP 5**

Three (3) **RADIUS BARS (C)** fit in separate holes.

**STEP 6**

Install first **CURVED PANEL (B)** by placing one leg on **RADIUS BAR (C)** and other end attaches to **BOW GATE (A)**.

**STEP 7**

Connect first **CURVE PANEL (B)** to **BOW GATE (A)** using pin connector.

**STEP 8**

Install second **CURVED PANEL (B)** by putting one leg on first **RADIUS BAR (C)** and other leg on second **RADIUS BAR (C)**.
**STEP 9**

Bolt together first and second **CURVE PANEL** before installing last **CURVED PANEL (B)**. **DO NOT** tighten bolts & nuts.

**STEP 10**

Install last **CURVE PANEL (B)** on second and third **RADIUS BAR (C)**. Install **RADIUS BOW** on top of **CURVE PANELS** **BEFORE TIGHTENING (D)**.

**STEP 11**

**RADIUS BOW (D)** attaches at back of second and third **CURVED PANEL (B)** and top of **BOW GATE (A)** using pin connector.

**STEP 12**

(1) Install **STRAIGHT SWEEP PANEL (F)** connector pins. (2) Install bolts attaching **STRAIGHT SWEEP PANEL (F)** to **CURVED PANEL (B)** last.
**STEP 13**

While two people are attaching the front side of STRAIGHT SWEEP PANEL (F) to BOW GATE (A), a person needs to hold the back up level.

**STEP 14**

After solid sweep tub is assembled, go back and check all pin connectors.
STEP 15

Layout the ALLEY PARTS (f - d) as shown.

STEP 16

Stand up the ADJUSTABLE ALLEY FRAME (g) to begin Alley installation.

STEP 17

Hook top of ALLEY PANEL (f) to BOW GATE (g) using pin connector.

STEP 18

Connector pin.
This is only at the pivot point of sweep.
STEP 19

(1) Attach top of ALLEY PANEL (F) with connector pins to ADJUSTABLE ALLEY FRAME (G). (2) Next, hook bottom of ALLEY FRAME (F) to ADJUSTABLE ALLEY FRAME (G) using connector pins.

STEP 20

Continue assembly for opposite ALLEY PANEL (F).

STEP 21

ADJUSTABLE ALLEY FRAME (G) may be substituted for ADJUSTABLE ALLEY GATE (I).
Last section is showing PREG. PANELS (H) using the same attachment process.

Preg Panels shown facing the same direction, but can be reversed, or opposite from each other. See insert.
PREG. PANELS (H) are mounted to ADJUSTABLE ALLEY FRAME WITH THE CHUTE ATTACHMENT (I) on front. This frame bolts to the squeeze chute.

Install ALLEY STOP (I).

Custom setup with Sorting Gate and Calf Table installed. Call for additional information.