

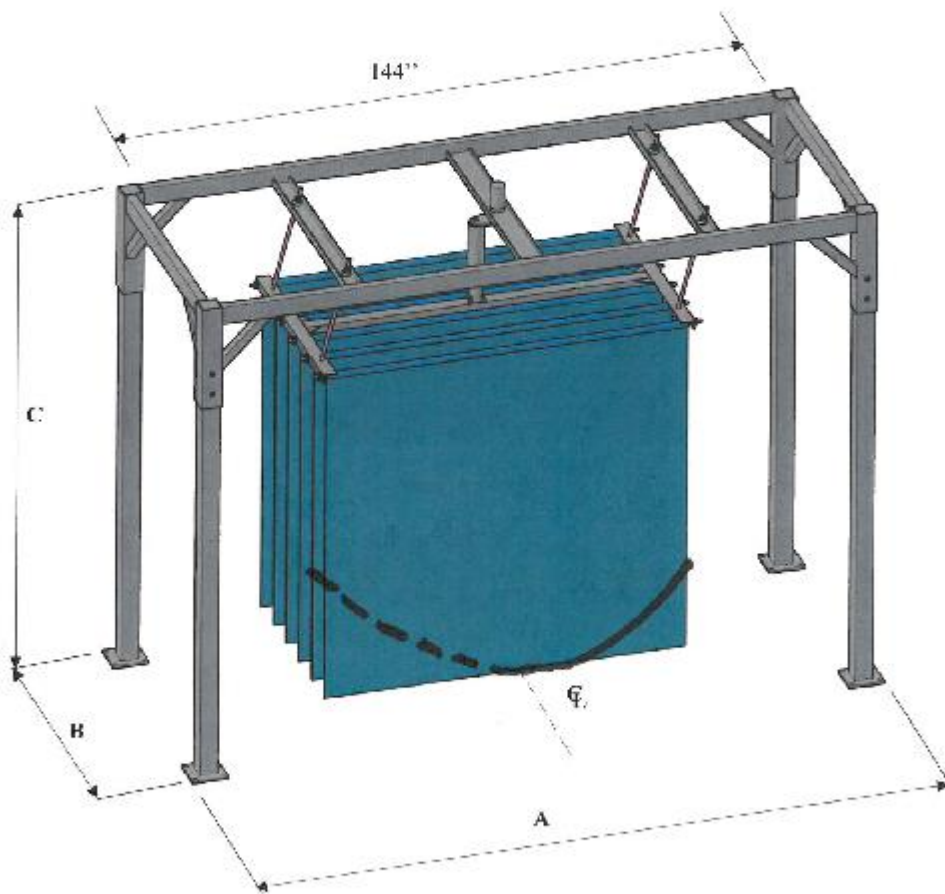
Trimming Mitter Cloth on AVW Combination Units

The attached rendering shows an approximate “trim line” for the mitter cloth when the mitter is part of a combo unit with wraps, side or contour brushes. There are no exact dimensions because the setup of the equipment varies, the length of the mitter cloth can vary, so the cloth is trimmed on a case-by-case basis. But here are the guidelines:

- This seems obvious, but this precise concept is key: The cloth is trimmed to keep it from wrapping around the brush shaft. That is the determinant of the length of the mitter cloth.
- On Wrap Combo units, the mitter cloth only reaches the drive side wrap shaft; the cloth cannot reach the passenger side shaft, so it does not have to be trimmed on the passenger side.
 - With contours and side brushes, however, both sides are trimmed appropriately.
 - Some people will also trim mitters for rockers mounted on the mitter frame, but that is more of an appearance thing or preference. The mitter cloth cannot get stuck in the brush, only around the shaft, which is down low and under the core of the rockers.
- As you look at the mitter cloth from the exit side of the mitter, there are seven (7) pieces of mitter cloth 12” wide (which are slit into 3 separate strips of cloth each 4” wide). Number the pieces from passenger side (left) to driver side (right) from 1 to 7.
 - For wraps, you will trim cloth pieces 7, 6 and possibly 5.
 - For side washers or contours you will trim 1, 2, 6, 7 and possibly 3 and 5.
 - Generally speaking, you only have to trim these pieces in the last two rows of the mitter closest to the exit.
- When the pieces of cloth are trimmed, the front of the mitter cloth will have a shape similar to the shape shown in the rendering below. As you move away from center in each row, each successive strip of cloth will be slightly shorter than the previous strip. Note also that the strips of cloth in the front row will be shorter than the next row back.
- Trim the strips as follows:
 - Again, there is no need to trim any single strip of cloth any shorter than is necessary to keep it from wrapping around the brush shaft.
 - Take each strip of cloth and pull it taut so the 12” piece of mitter cloth rotates on the mitter curtain rod and the strip extends directly toward the brush shaft in a straight line, much like it is when on the roof of a vehicle.
 - Without the brush rotating, pull the strip to the shaft and **WRAP IT AROUND THE SHAFT**.
 - Do not cut the strip where it first reaches the shaft; you will cut off 2”+ more than is necessary. Cut the cloth where it wraps **AROUND THE SHAFT AND STARTS TO TUCK UNDER ITSELF**. That is how the cloth grips the shaft; once it tucks under it tightens, pulls harder, tightens more ...

MITTER CURTAIN, Model MC2

Hydraulic Motors for basket drive:
Displacement 11.9 cu.in./rev
= (3.1GPM at 60 RPM)
(RPM is adjustable)
Water: 1/2" NPT Outlet
Tunnel Center Line 28" from inside
Conveyor or Rail



A — 156"
B — 66"
C — 114" adjustable



A.V.W. Equipment Co. Inc. 105 South 9th Avenue, Maywood, IL, 60153
Phone: 708-343-7718 Fax: 708-343-9065 email: info@avwequipment.com Website: www.avwequipment.com