



**Specialty Manufacturing, Inc.**

## **Technical Bulletin**

**ASX-0001-00**

### **AIR PRESSURE SPECIFICATIONS FOR AIR BLADDER STOP ARMS AND CROSS ARMS**

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# AIR PRESSURE SPECIFICATIONS

## Purpose:

This technical bulletin provides information regarding the air pressure specifications for Specialty Stop Arm and Cross Arm units utilizing low pressure bladders. Under pressure can cause the unit to function poorly and over pressure can cause significant damage to these units. Incorrect adjustment of the pressure leading to unit damage will **void SMI Warranty** of the unit.

## Required Tools and Hardware:

Pressure gauge that reads pounds/square inch (psi).

## Affected Units:

Stop Arms (15-17 psi)			
002300	002400	002901	002971
002301	002460	002904	002974
002360	002500	002960	002980
002361	002801	002961	002981
002380	002900	002970	002984

Cross Arms w/bladder (15-17 psi)	
028104	028116
028112	028117
028113	028118
028114	028122
028115	

## Procedure:

1. Disconnect the air input from the back of the unit.
2. Connect the pressure gauge to the input line (do not check pressure before regulators or further down the line – must be at the input to the unit).
3. The nominal pressure range for all bladder driven stop arms and cross arms is **15-17 psi**.
4. MAX Pressure for bladder driven units is **20 psi**.
5. Adjust the air pressure until it measures within the nominal range for the.
6. Additional adjustment can be made to the air pressure to improve function of the unit provided that the pressure **does not exceed the maximum recommended pressure**.
7. After all adjustments have been made reconnect the input line to the unit and finish reinstallation.



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Rev. Level	Rev. Date	Details		Description of Change
		Page	Para.	
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