

# **Aluminum Drum Set-Up** 4000 Series Alloys

STEP 1



Connect a Drum Tube Connect Kit (B) to the Drum Hood (A). One metal washer should be placed on the inside of the cone, and the other should be placed on the outside of the cone.

\_\_\_\_\_ STEP 2 \_



Remove any burrs or flashing at both ends of the Drum Tube (C) and connect to the Drum Tube Connect Kit of Step 1, allowing the Tube to protrude 1/8" - 1/4" below the Connect Kit.



Connect another Drum Tube Connect Kit to a Feeder Inlet Guide Adapter (D). Connect the free end of the Drum Tube to this Drum Tube Connect Kit.





Remove the lid from the drum. Remove the wire tie on the plastic bag and then pull the bag down over the drum.





Remove the wood slats and release the rubber bands.





Center the rubber bands in the bottom of the drum so they are not touching the wire. Failure to center the rubber bands in the bottom of the drum can cause wire tangles.

STEP 7



Grasp the end of the wire while removing and discarding the cardboard ring. Pressure should be applied to the wire to prevent it from springing out of the drum.

STEP 8 \_



Clip the loop from the end of the wire and insert the Top Hat Spinner device in the drum. Thread the wire into the device.

STEP 9

Ε



Thread wire into the drum tube. Push wire through the tube into feed roll system. Jog the wire out of the contact tube several feet. Clip and discard the protruding wire.





A: Drum Hood (Part Number 418750-001) B: Drum Tube Connect Kit (Part Number 418750-004) Note: Two drum tube connect kits required to configure 1 drum C: Drum Tube (Part Number 418750-005; ordered by the foot)

### **D: Feeder Inlet Guide Adapter**

(Pictured with Drum Tube Connect Kit) Miller S70-Series Wire Feeder: 418750-009; Miller Alumafeed Wire Feeder 418750-013 Panasonic Wire Feeder: 418750-010 Fronius Wire Feeder: 418750-011 OTC Wire Feeder: 418750-012

#### E: Top Hat Spinner (Part Number 418750-003)

NOTE: FOR PROPER OPERATION, DO NOT MODIFY THE TOP HAT SPINNER IN ANY WAY BEFORE, DURING, OR AFTER INSTALLATION. DO NOT CUT ZIP TIES PRESENT ON TOP HAT SPINNER.



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# Aluminum Drum Set-Up 5000 Series Alloys

\_\_\_\_\_\_ STEP 3

STEP 1



Connect a Drum Tube Connect Kit (B) to the Drum Hood (A). One metal washer should be placed on the inside of the cone, and the other should be placed on the outside of the cone.

\_\_\_\_\_ STEP 2 \_\_



Remove any burrs or flashing at both ends of the Drum Tube (C) and connect to the Drum Tube Connect Kit of Step 1, allowing the Tube to protrude 1/8" - 1/4" below the Connect Kit.



Connect another Drum Tube Connect Kit to a Feeder Inlet Guide Adapter (D). Connect the free end of the Drum Tube to this Drum Tube Connect Kit.





Remove the lid from the drum. Remove the wire tie on the plastic bag and then pull the bag down over the drum.





Remove the wood slats and release the rubber bands. Center the rubber bands in the bottom of the drum so they are not touching the wire. **Failure to do so may lead to wire tangles.** 



Grasp the end of the wire while removing and discarding the cardboard ring. Pressure should be applied to the wire to prevent it from springing out of the drum.

STEP 7a



Thread the wire through the inside of the plastic float ring (E) and then rest the float ring on the wire. The apex of the float ring's curvature should point DOWN.

## STEP 7b \_



When the use of an inner drum cone (F) is recommended, do not use a plastic float ring (E). Instead, feed wire through the inside of the cone out of the drum tube at the top of the cone and lower the cone into the drum.



F

STEP 6



Thread wire into the drum tube. Push wire through the tube into feed roll system. Jog the wire out of the contact tube several feet. Clip and discard the protruding wire.

D





A: Drum Hood (Part Number 418750-001) B: Drum Tube Connect Kit (Part Number 418750-004) Note: Two drum tube connect kits are required per drum

C: Drum Tube (Part Number 418750-005; ordered by the foot)

#### **D: Feeder Inlet Guide Adapter**

(Pictured with Drum Tube Connect Kit) Miller S70-Series Wire Feeder: 418750-009; Miller Alumafeed Wire Feeder 418750-013 Panasonic Wire Feeder: 418750-010 Fronius Wire Feeder: 418750-011 OTC Wire Feeder: 418750-012



**E: Plastic Float Ring** (Part Number 418750-002) Install so the apex of the curved surface is pointed DOWN **F: Inner Drum Cone** (Part Number 418750-035) For proper operation, do not modify any part of the Inner Drum Cone before, during, or after installation. Do NOT cut the zip ties on the outer rim

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