

MODELS WSS-100 & WSS-100-A FOR UP TO 0.062 (1.6 MM) WIRE

Our wire straightener models are pre-assembled without inlet or outlet probes (these are available for purchase separately). If pulling from 30 to 60 pound spools, and not running conduit, we suggest using an optional ceramic inlet guide in place of the conduit inlet.

IMPORTANT

Read the instructions before installing or operating this system. If you require any further information or assistance, please contact our customer service department at extension 249.

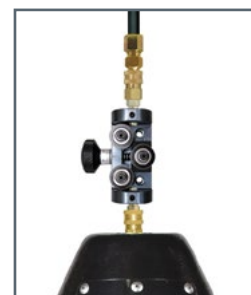
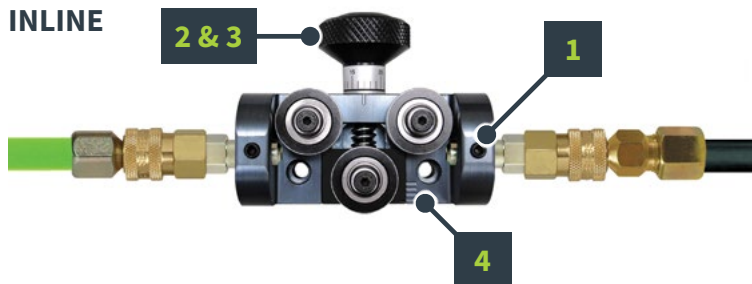
INSTALLATION INSTRUCTIONS

1. Insert the probes in the straightener inlet and outlet and tighten set screws. Insert conduit in the opposite end (inlet side of the wire straightener) if applicable. When using any steel connectors with aluminum wire (for the WSS-100-A only) an A-4L-H insert is required to insulate the wire. Wire feeds in the direction of the pull.
2. Push weld wire through. Turn knob on top of straightener until bottom wheel makes contact with the wire.
3. Increase tension until desired wire cast is achieved. Heavier tension counter-bends the cast regardless of the direction of the helix.
4. Once set, note the calibration mark (lower right of the bottom wheel) on the face of the unit in conjunction with the fine adjustment scale on the tension knob.
5. Recording these settings will allow for a quick and precise casting when changing reels.

NOTE

An A-1QD fitting is required to facilitate connections with DRUM MOUNT and FEEDER applications.

INLINE



Drum Mount

FEEDER



Shown with optional ceramic inlet guide for pulling directly from 30 – 60 lb spools











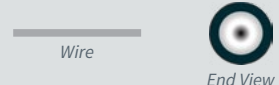


End View



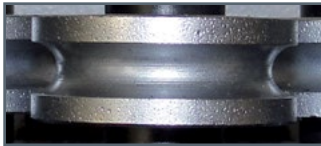
Direct Pull Kit



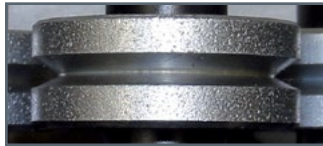
WIRE STRAIGHTENER CONNECTOR OPTIONS

NON-THREADED FITTINGS*		THREADED FITTINGS*		
<p>STEEL WIRE Connection to disconnect, on feeder or in-line</p>  <p>A-1QD-12 or A-1QD-5/32 (for large wire)</p>	<p>* Fittings may be used as inlets or outlets depending on setup</p>  <p>Steel Wire Straightener WSS-100 - or - Aluminum Wire Straightener WSS-100-A</p>	<p>STEEL WIRE</p>  <p>A-1LN-S-12 or A-1LN-S-5/32 (for large wire)</p>	<p>A-3 Quick Disconnect</p> 	
<p>ALUMINUM WIRE Connection to disconnect, on feeder or in-line</p>  <p>A-1QD-5/32 and A-4L-H liner</p>		<p>ALUMINUM WIRE</p>  <p>A-1LN-S-5/32 and A-4L-H liner</p>	<p>A-3 Quick Disconnect</p> 	
<p>STEEL OR ALUMINUM WIRE</p>  <p>Wire End View</p>		<p>A-1C-S-12 Delrin with ceramic inlet</p> 	<p>A-1H-B Adapter for dual wire straighteners</p> 	

DRIVE ROLLS



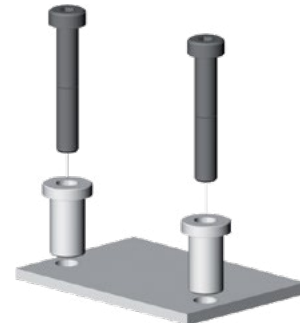
WSS-100
U-Groove Drive Rolls for Steel Wire



WSS-100-A
V-Groove Drive Rolls for Aluminum Wire

INSULATED MOUNTING KITS

Available for all models



- WSS-100-IK**
Small
- WSM-100-IK**
Medium
- WSL-100-IK**
Large