For round tube, pipe or bar that requires a Brushed Satin Finish.

Note: When polishing, be sure to wear proper safety attire including a dust mask and safety glasses.

1. Grind out any welds and any deep gouges in the material. Always be careful not to over grind or under cut the welds. Feather any gouges carefully.

2. Attach the Wagner Finishing Pulley – PP1 – to a disk grinder as shown below.

3. Spot rope any ground welds and repaired gouges and deep scratches with a 50 grit belt. Be sure to put a twist in the belt as shown in the photo to keep the grit portion of the belt from damaging the finishing pulley. Only do this step if your material has bad spots that require this aggressive process. You will only want to be as aggressive in finishing as you need to be. If in doubt, go to step 4.

4. Rope with an 80 grit belt.

5. Rope with a 120 grit belt.

6. For final clean-up and finish, rope with a medium non woven abrasive belt.

Always handle material with care. Even stainless steel surfaces will nick and scratch when handled improperly.

In the case of stainless steel, avoid as much contact between it and ferrous material as possible. Always use new belts. Do not use any tools or belts that were used on any other materials – especially steel. Otherwise, you run the risk of contaminating the stainless steel with imbedded ferrous particles that will cause it to rust.

When polishing is completed, immediately wrap the finished material to avoid contamination from ferrous particles prior to installation.

Stainless Steel Preventive Maintenance Suggestions

*   Inspect the installation on a frequent schedule taking note of discoloration and stains. Discoloration can and should be removed by cleaners recommended for stainless steel.

*   Ongoing maintenance consisting of a fresh water wash and wiping with a clean cloth is recommended to minimize deterioration. In all but the most severe cases, this regular washing will eliminate the need for refinishing.

*   Never use steel wool or harsh abrasive elements.