SUHNER®

Press Release

Autumn 2014

# How to Polish and Finish Aluminium and Stainless Steel

Aluminium can be a difficult material to work with when a brushed or polished finish is required.

**Aluminium grinding** is best achieved by using a non woven nylon abrasive such as the Suhner FVV surface conditioning discs. Coarse (80-100g) can remove reasonable welds and 'soaks up' the fine aluminium dust. This material can be supplied in a belt form as well as a disc form and the choice will depend on surface **finish of the aluminium** required.

**A brushed, grained aluminium finish** is best achieved by removing welds and marks with a coarse (36 to 40 grit) Zirconia disc and then using a belt (on a drum) or wheel form of the nylon surface conditioning material. Coarse, medium and fine will produce even finer finishes.

**Mill finish aluminium** will require an aggressive abrasive such as a 36 grit sanding disc or a special grinding disc such as Suhner Magic Flexible discs. These abrasives are available from 50mm diameter up to 180mm dependant on type. Once the **mill scale** is removed, the process above can be undertaken.

**Mirror finishing/polishing of aluminium** is a simple process of using Stitched Cotton mops and decreasing grain pastes. Suhner Australia stock a range of mops and pastes to meet all **Aluminium Mirror finishing** applications.

**Stainless Steel Finishing** is best achieved by employing equipment that maintains the correct and constant speed and abrasives that keep their grit for as long as possible. Suhner tools are designed specifically for stainless steel polishing, grinding and finishing. Our variable speed controls ensure the tool stays on the desired speed for as long as the power allows. Stainless steel polishing with modern patterned abrasives ensures a consistent stainless finish whether, brushed or mirror polished.

Suhner have produced a series of "How To" videos, free to viewers of YouTube:
See us on http://www.ferret.com.au/c/Suhner or visit www.suhner.com.au

Rotomax 3.5 shown

USK 6R with TZ belt on expanding drum

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