

Case Study - Actirox

Details

Industry: Aerospace

VSM Product: VSM Actirox (AK890Y)

Workpiece Material: Titanium

Belt Size: 1" x 132"

Challenge

The client was utilizing the competitor's belt for their backstand. They had a desire to improve production, so they were open to testing other products.

Solution

After analyzing the current performance of the competitor, VSM tested the Actirox belt. Actirox ground 19 gates while the competing product only ground 8 gates. Not only did VSM outperform the competitor, the Actirox belt left no discoloration on the workpieces thanks to its cool grinding technology. Due to these results, the operator determined VSM Actirox better suited their needs and sped up production time as desired.

Result

- **Improved production thanks to stock removal:**
 - Competitor: ground 8 gates per belt
 - VSM: ground 19 gates per belt
- **Longer belt life:** 138% increase in gates per belt.
- **Operator satisfaction, easy to work with:** low contact pressure and reduced noise and vibration.
- **Easier clean up:** less dust thanks to Actirox's top size and size coat.
- **No discoloration:** due to low temperatures.

AK890Y



Maximum stock removal and faster cut thanks to Actirox's geometrically shaped grain

