

# Case Study - Actirox

## Details

**Industry:** Industrial Plumbing

**VSM Product:** VSM Actirox (AK890Y)

**Workpiece Material:** Carbon Steel & Stainless Steel

**Competitor Product:** Norton Blaze (980P)

**Belt Sizes:** 2" x 118"

**AK890Y**



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



## Challenge

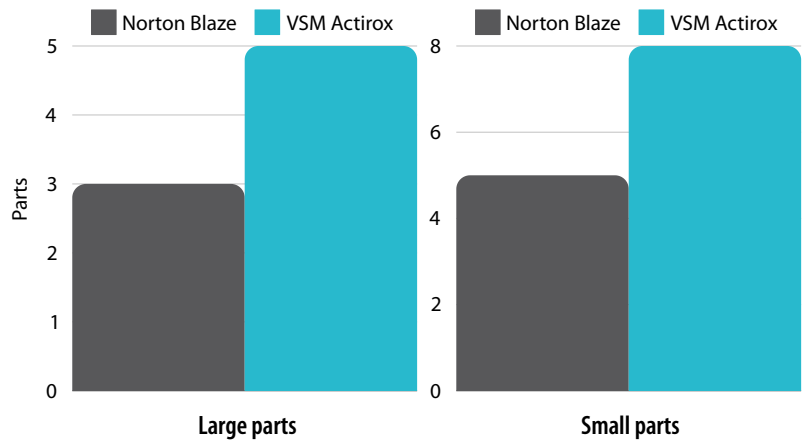
The client was grinding both small and large parts, but their large parts were presenting issues because operators had to hoist and hold the parts while grinding, which were 50 pounds a piece. With this in mind, it was vital that their abrasive belt cut as fast as possible to avoid having to hold the heavy parts for long.

## Solution

The client was previously using the Norton Blaze. VSM tested both the Blaze and VSM Actirox belts and Actirox cut cooler and faster for both the small and large parts. For the large parts, Blaze ground 3 parts while Actirox ground 5 per belt. Additionally, on the small parts, the Blaze ground 5 parts to Actirox's 8 per belt. Not only did Actirox cut more parts per belt, it cut faster with less pressure helping the operators immensely on the large parts.

## Result

- **3x faster cutting:** allowing less time for the operators to hoist and hold 50 pound parts.
- **Cooler cutting:** vital when operators are holding parts to not overheat their hands.
- **Longer belt life:** 60%+ increase in parts per belt.
  - Large parts: VSM 5 parts, Norton 3 parts
  - Small parts: VSM 8 parts, Norton 5 parts
- Operation satisfaction: less pressure, cooler and faster.



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