

# NORTON

SAINT-GOBAIN

## CASE STUDY

# BEARTEX HIGH STRENGTH WHEELS

FASTER PROCESSING,  
LONGER LIFE, LOWER  
TOTAL ABRASIVE COST



**APPLICATION:** Weld removal, blend and finish on stainless steel meat processing machinery build, currently using competitor NW abrasive wheels.

**MATERIAL:** Stainless steel (S308)

**MACHINE:** Suhner Straight Shaft 150mm 8500rpm

**PRODUCTS:** Norton Beartex High Strength Wheels

**OBJECTIVE:** Reduce process time, number of products used & cost. Perform longer and faster than the competitor wheels.



### RESULTS:

- Beartex High Strength coarse wheels were able to process more weld seams, and in less time than the competitor wheel.
- High Strength was shown to have 2 times longer life than the competitor disc.
- The coarse grade has improved life and speeded up the process, **saving time and money.**

### Key Takeaways:

- **Faster blending/removal of discolouration** → faster process time
- **High Strength lasts longer** → up to 2x that of the competitor
- **Reduced process steps** → fewer consumables needed
- **More flexibility and durability** → easier to access awkward areas and recesses.
- **More consistent finish** → fast, easy, repeatable results
- **Fewer wheels required** → reduces cost, complexity & downtime