

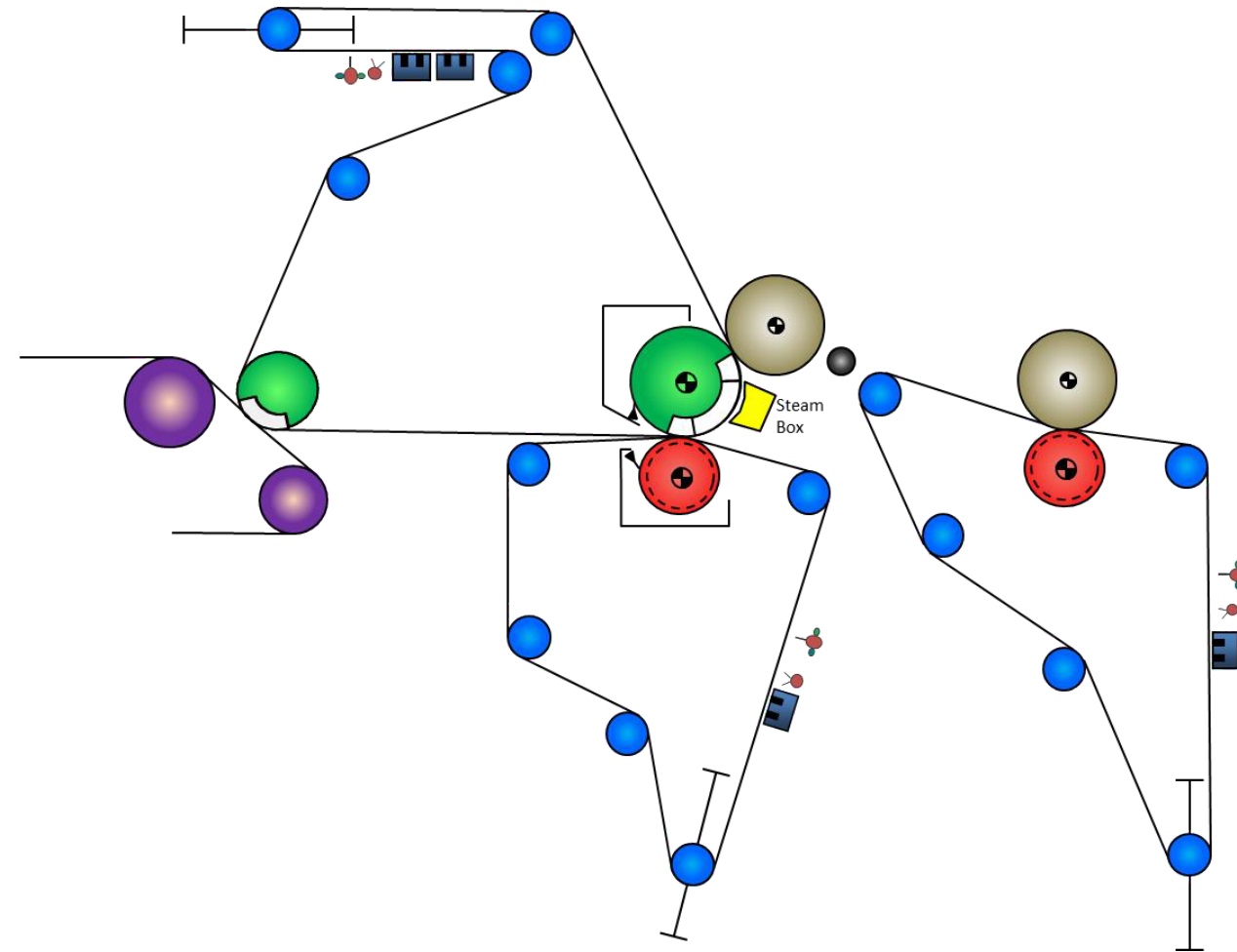
Reduce Vibration

VALUE:

- Lower vibration levels – less machine/roll damage.
- Mill looking at ability to run 70 days cycle on the 3rd press.
- Lower clothing cost as life goes from 42 days to 63 days.
- Approx. 3 fewer felts / year = \$63,000 reduction in annual cost.
- Lower draw / improved runnability.
- Reduced steam consumption.

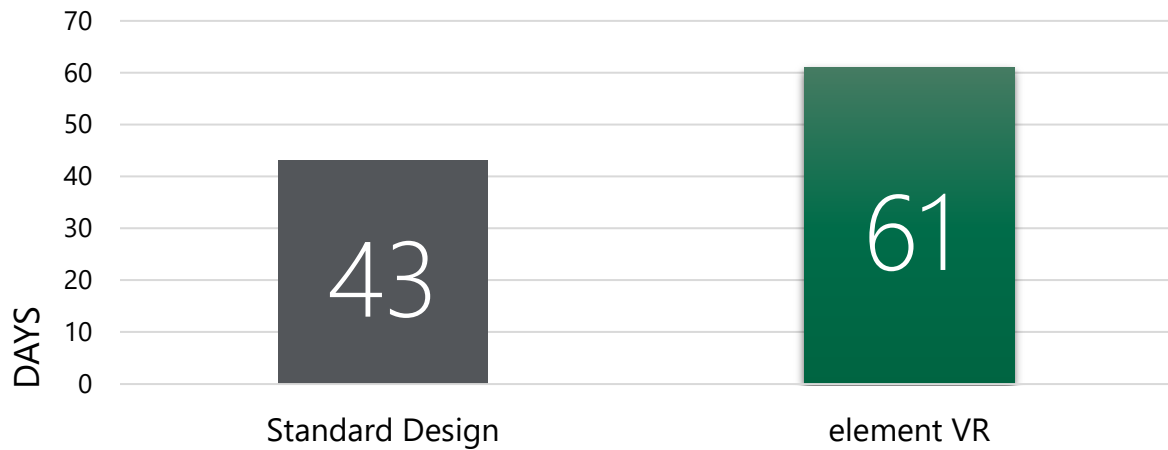
RESULTS:

- Trial element VR ran 56 days with excellent runnability.
- Returned felt analysis showed that the felt was in good condition and had life remaining.
- An element VR was reordered and ran 68 days!
- Lower draws and steam consumption.
- The element VR is now the standard felt as a 100% supplier.

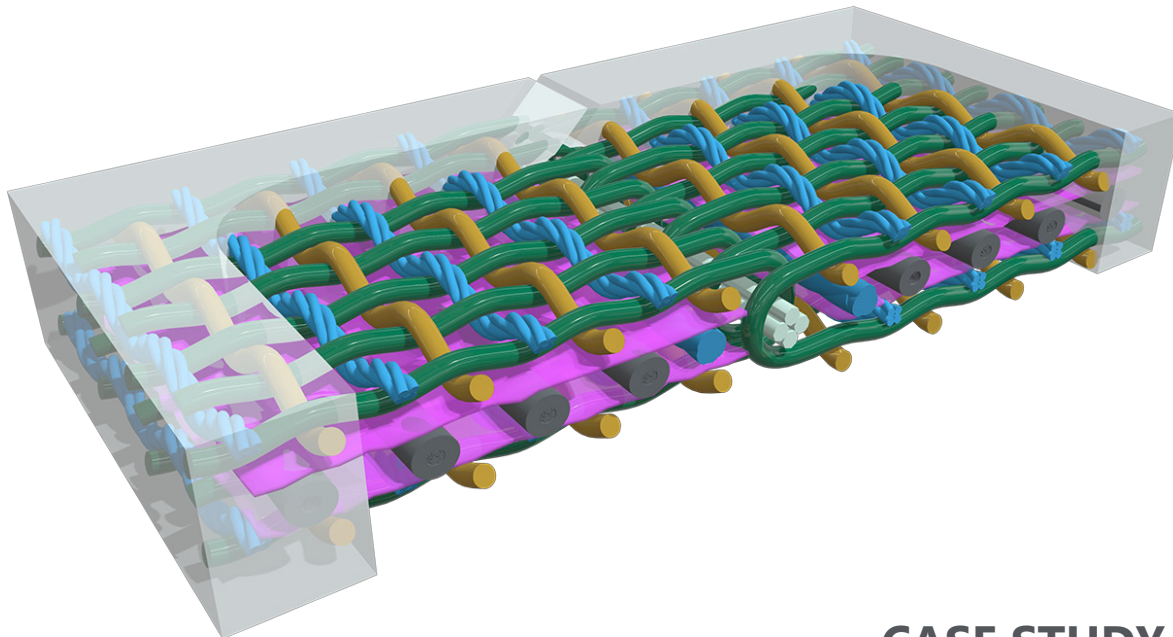


GRADES	Uncoated GWD	
BASIS WEIGHTS	24.5 + 36.5# / 3300	46.4-53.8 gsm
SPEEDS	3650 fpm	1115 mpm

Felt Life



element VR ran record life of 68 days!



- Standard Design averaged 43 days life previous 3 years.
- First 4 element VR felts averaged 61 days!
- The vibration levels respond much quicker when cocking the element VR. Excitation level drops almost immediately.
- Lower draw and steam consumption!