



Ashworth Bros., Inc.

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IJ White Systems
20 Executive Blvd.
Farmingdale, NY 11735
Att: Technical Services

**Ref: Ultra Series Systems
Automatic Belt Tensioning (ABT)**

Technical Services:

We have evaluated a number of operating spiral systems that have installed the latest Automatic Belt Tensioning (ABT) package utilizing both plastic and metal Ashworth belts. The results and advantages are notable and we would recommend ABT on spiral systems.

Our Chief Engineer John Lasecki has made the following comments regarding the ABT package and it's unique design:

" In traditional weighted take-ups, additional load and increasing tension are put on the spiral belt as the take-up drops to its lowest position. With the engineered design of ABT, a more uniform load is provided through-out the entire travel of the take-up. The great advantage is that only the amount of take-up weight that is required is applied to the spiral belt."

From our analysis we have found that ABT is a very effective design to potentially:

1. Extend the spiral belt life
2. Reduce belt stretch
3. Lower picket and rod wear
4. Improve the overall operation of the spiral system.

We are pleased that IJ White has developed this new innovation for improving the performance for spiral systems.

Sincerely,

Marty Tabaka
Sales Director-Americas