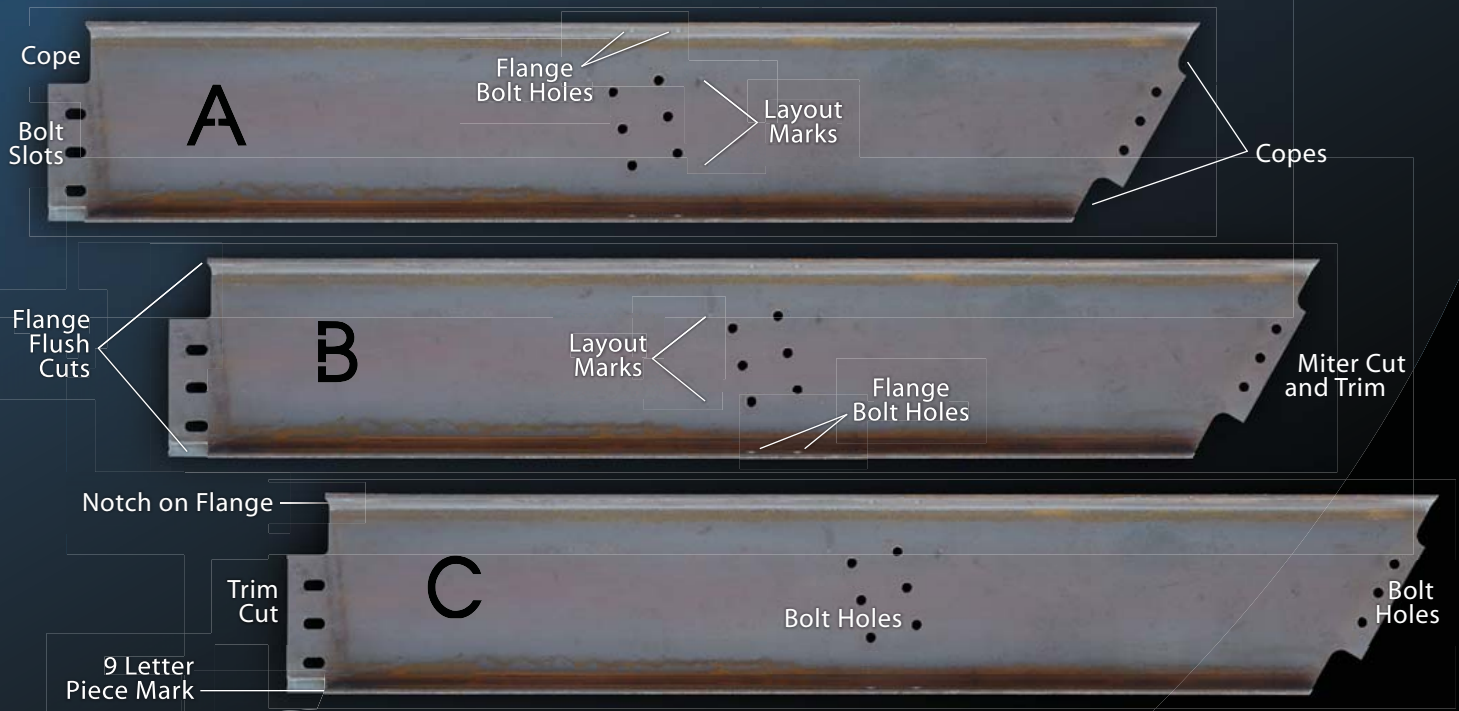


# Is There A Difference Between These Beams ?



**THEY'RE MADE FROM THE SAME STEEL. THEY'LL SELL FOR THE SAME PRICE.  
THEY EACH HAD THE SAME 40 OPERATIONS PERFORMED.  
BUT ONE WAS PRODUCED ON A LOWEST TOTAL COST BASIS USING PYTHONX.**

**Beam A** was produced in an 'all-manual' fabrication shop. Fabricators had to read the part drawing, plan out their cuts, mark the beam with chalk, then drill, torch cut, hand stamp layout marks and letters, and make the miter and trim cuts on a bandsaw.

**Total process time was 119 minutes.**

That does not include the time moving the beam between operations, flipping it over from side-to-side, or the 'dead time' waiting in queue for the next operation.

**Beam B** was produced in an 'CNC automated' fab shop. Operators can load a drawing file into the drill line and bandsaw controls for automated operation. The notch, copes, flange flush cuts, letters and layout marks still must be laid out and made by hand.

**Total process time was 82 minutes.**

Again, this does not include the time involved in moving the beam between operations or the time spent waiting in queue for the next operation.

**Beam C** was produced in a single pass on PythonX. The operator called up the part file, gave the 'START' command, and PythonX performed all 40 operations without a pause, tool change or operator intervention.

**Total process time was 10 minutes.**

And with PythonX there's no need to move the beam between operations and no waiting for the next operation. It's all done in one pass.

**PythonX Provides Lowest Total Cost.**

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