



500 Series Part 2

Cost Saving Factors**Casting Cell System**

A relatively new production method, the CELL system is rapidly gaining acceptance by quality/cost conscious manufacturers worldwide.

Instead of a number of departments being responsible for their portion of completing a job, the overall responsibility is given to one CELL comprised of the personnel needed to complete all of the jobs requirements from start to finish.

In the case of die cast parts the advantages of the CELL system are:

IMPROVED QUALITY

- ❑ QA accountability for all aspects of a job are consolidated within one CELL.
- ❑ Efficient, uninterrupted production flow insures product integrity by maintaining a level of consistency which is difficult to achieve in a typical stop and go, multi-department production process.
- ❑ QA regimens can be customized to meet specific requirements.
- ❑ CELL produced jobs are certified in writing and can be delivered directly to the customer's assembly line.

LOWER PER PART COST RESULTING FROM:

- ❑ 25 - 40% less cost due to reduced production time.
- ❑ 10 - 15% less cost due to increased Q.A. efficiency.
- ❑ 7 - 12% less cost due to reduced material handling.
- ❑ 5% less cost due to reduced in-process inventory.



The sum of these savings ranges between 18% and 54% depending on part size, weight and requirements.

This part was produced in a DeCardy modified Frech die casting CELL from ingot selection to certified finished part packaged for shipping.

Example

To adopt the CELL system a die caster must have modern, top of the line casting machines and related equipment; innovative engineering expertise to create uninterrupted in-process pathways; and highly skilled technicians and operators.

The die caster you choose should have multiple cells of the same configuration to capitalize on the flexibility of the highly trained work force.

Schedule a plant tour and learn first hand why the CELL system can deliver certified parts direct to your assembly line. And that's another cost savings.

**Got Questions?
We Got Answers!**

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