



# CAPS™ Shop Optimization Model

## Master the management of your anneal shop with the next generation in BAF optimization.

RAD-CON's CAPS™ Shop Optimization model will help you take Bell Annealing Furnace (BAF) efficiency to the next level and generate greater productivity and profitability.

The Shop Optimization model maximizes throughput by formulating an optimal strategy, then directing the operators' moves. This approach increases shop capacity instead of just managing tasks within the shop.

**Considers everything from man-power to machine to eliminate waste, boost efficiency.**

Utilizing data from the Heating, Cooling and Stacking model outputs, the Shop Optimization model determines the most efficient use of BAF resources by identifying the critical constraints, then calculating the right moves.



Through real-time task assignments communicated directly to the crane, floor, and furnace operators, the software drives all resource activities. The sequence of activities is controlled using a strategy that avoids conflicts to most efficiently complete each task.

This cuts redundancy, eliminates bottlenecks and allows operators to be more productive.

*"Move furnace #26 from base 103 to base 122."*



*Real time tasks are assigned via hand-held PDA and crane cab monitors.*

### Helping managers work toward long-term goals.

Efficient resource management assures that shop managers' daily decisions also consider the effect on the long-term objectives of the shop and the total operation.

### The bottom line.

RAD-CON's Shop Optimization model allows you to get the most out of current BAF assets by significantly improving communication, reducing human error, improving equipment and man-power utilization and increasing throughput.



BAF production also becomes more predictable and effective which, in turn, enhances the efficiency of downstream operations.

Is your BAF production falling behind its rated capacity? Consider software for more throughput, instead of adding equipment. The Shop Optimization model can be added to existing shops or new RAD-CON installations that utilize CAPS™ Stacking, Heating and Cooling models.



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