

# Shell Core Machines - Dual Station



Shell Core Machines-Dual Station

## Shell Core Machines - Dual Station Productivity & Utilization

- Increases Operator Output: One Operator runs 2 jobs at the same time.
- Semi-Automatic Operation: the machine drives the core making process for predictable results.
- Quick Change Core Box Mounting System: available, change boxes in just a few minutes instead of the better part of an hour.
- Production During Heat-Up: run full production on one station while the other station's box is heating up.
- Advanced Temperature Control & Heat Transfer: helps to make the cure cycle more efficient and heats boxes up much faster.
- High Speed Operation: high efficiency pneumatics enable faster Dual Station machine times than most other single station machines.
- Only Shell Machines Capable of Higher Productivity than Cold Box Machines: because of the nature of our Dual Station System and the Hot Process our machines have a much shorter machine time part of the cycle.

## Shell Core Machines - Dual Station Unparalleled Flexibility

**Dual Station Multiple Operational Modes suit the constantly changing demands of most Foundries by running at the same time:**

- (2) Short Jobs
- (2) High Volume Jobs
- (2) Customers at Same Time.
- Both Parts of a (2) pc. Core

- Three Piece Boxes capability
- Large Core on (1) Station, Small Core(s) on Other Station
- Automatically Runs Multiple Short Cycles on (1) Station to (1) Long Cycle on Other Station
- Long Run on (1) Station & Jobbing Work on Other Station
- Hollow Core(s) on (1) Station & Solid on the Other Station, or Same on Both Stations
- Small Box on (1) Station & Large on the Other Station, or Same on Both Stations
- Reduced Energy & Emissions
- Superior Productivity, Utilization, and Flexibility: equal fewer Harrison machines are required to meet capacity demand.
- Fewer Machines equal less core making energy used.
- Lower Energy Usage equals less related energy consumption emissions.
- Lower Emissions equals less cost for regulations compliance and lower remediation expenses.
- Higher Productivity & Fewer Machines means more cores per energy & labor unit equals lower operating cost.
- Lower COST-per-CORE equals a quick payback & higher margins equal an increased Competitive Advantage.

## **Shell Core Machines - Dual Station Specs:**

### **Lower COST-per-CORE**

**table(listing).**

**|\_. Model |\_. Max Box Capacity |\_. Blow Cap |**

**| 1016-DS | 10”H x 16”W x 6”D | 20lbs / 5L |**