



CONTINUOUS ATMOSPHERE **MESH BELT FURNACES**

*RELIABILITY, EXPERTISE,
SERVICE, AND SELECTION*

FOR EFFICIENT, HIGH VOLUME PRODUCTION

Gasbarre is a leading manufacturer of Continuous Mesh Belt Furnaces (Conveyor Belt Furnaces). Gasbarre furnaces are custom-designed to your particular specifications and application. The number and length of controlled heating and cooling zones, length of control zones, cooling zones, belt width, control cabinets, and type of atmosphere control system can all be customized to meet your exact processing needs.

METALLURGICAL PROCESSES

- Annealing
- Brazing
- Drying
- Enameling
- Glass-to-Metal Sealing
- Hardening
- Inert Atmosphere Processing
- Normalizing
- Sintering
- Soldering
- Stress Relieving
- Tempering

FEATURES

- Modular Ceramic Fiber Insulation Package
- Silicon Controlled Rectifiers (SCR)
- Stainless Steel or Ceramic Muffles
- Silicon Carbide or Metallic Heating Elements
- Roller Mounted Cooling Chambers for Full Support
- Digital Zone Control Over-Temperature Safety in Each Zone
- All designs to current NFPA standards

EQUIPMENT CUSTOMIZATION

- Gasbarre SinterSight Control System (see reverse)
- Stack Emissions Incinerators
- Dew point, Oxygen, % Hydrogen, Carbon Monitors or Control
- HyperCooler Sinter-Hardening Units (see reverse)
- Atmosphere Sampling/Safety Systems
- Furnace Load and Unload Automation Options

HYPERCOOLER SINTER-HARDENING SYSTEM

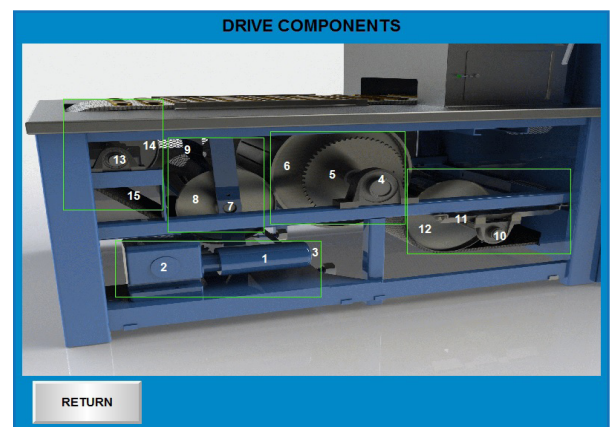
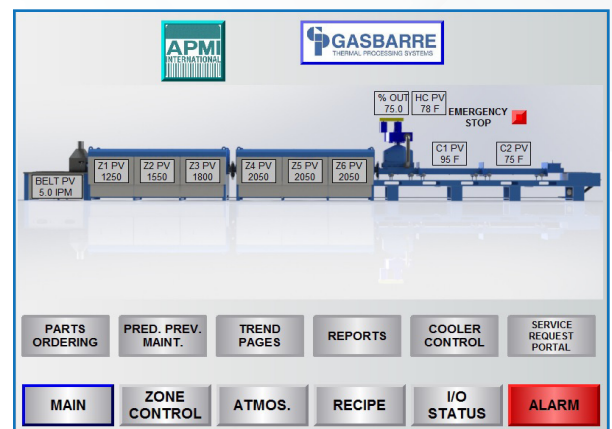
The HyperCooler Sinter-Hardening System improves variable cooling adjustment and atmosphere stability. The Gasbarre HyperCooler ensures the most consistent cooling method available on the market.

- Utilizes impinging jet array technology
- Superior cooling rate uniformity
- Improves atmosphere stability
- Greater levels of processing capability
- Cooling rate setup is repeatable for quick process changeover
- Length of HyperCooler is less than 5 feet (1.5 m)



GASBARRE SINTERSIGHT CONTROL SYSTEM

- Large touchscreen HMI
- Recipe management
- Datalogging & trending
- Alarm history
- Text & email alerts
- Remote access
- Predictive & preventative maintenance functions
- Service request portal
- Replacement parts ordering portal
- Supports compliance to strict specifications such as AIAG CQI-9



Gasbarre Sintersight HMI Screens