WALKING BEAM FURNACE
**Industries:**

Forging, Stress relieving, Tube, Rod, Wire and other Metal Heat treating applications.

**Furnace Performance:**

- **Temperature range:** Best Temperatures up to 2,460°F (1,350°C).
- **Fuel consumption:** Best in Industry; dependent on cycle and setting loads
- **Temperature uniformity:** Meets all industry standards.

**General Dimensions:**

- **Effective zone:** To customer specifications.

**Main Specifications:**

- **Furnace Lining:** Fiber-lined sections using the Jointless® system with a special design to compensate for fiber shrinkage, considerably reducing maintenance.
- **Door Type:** Depends on application.
- **Parts Moving structure:** Customized walking beams alloy designs according with size and shape of product, or Walking hearth beams with heavy duty precast refractory designs with high resistance.

**Technology:**

- **Combustion System:** Integrated Multizone Pulsing System (IMPS®) with variable excess air.
- **Oscillating Mechanism:** Fuel only/Proportional, Recuperative Burners.
- **Pressure control:** Hydraulic powered systems.
- **Firing configuration:** High Temperature louver type proportional dampers. Over and Under the Load, convection, Indirect fired, etc.
- **Control system (PLC):** Indirect fired, etc.
- **Number of control zones:** Any brand on request.
- **Supervisory Control and Data Acquisition (SCADA):** Curve dependent.
- **Heat Recovery Systems:** Any brand on request.
- **Conveyors:** Advanced heat recovery system that saves energy compared to a cold air system.
- **Transfer, return and other external conveyors available.”