

BELL-TYPE (BATCH) ANNEALING FURNACE



IFPA
INDUSTRIAL FURNACES





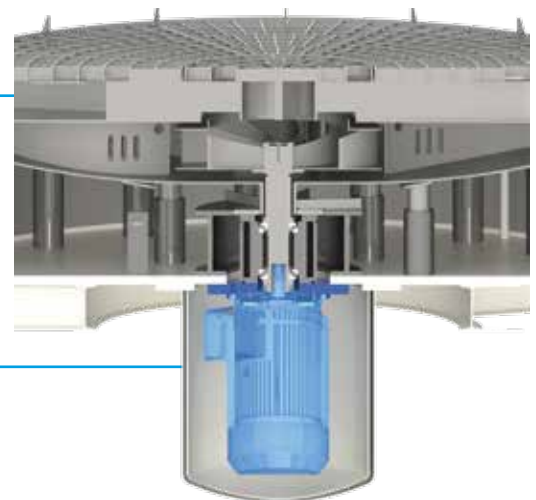
Advanced process technology and automation
Real-time O₂ monitoring throughout the entire process
Fully automated control system



Heavy duty base / Hydraulic clamp

Frequency converters allow to adaptation
depend on gas density and temperature

Excellent temperature uniformity for process
atmosphere with special recirculation fan



IFPA's Bell-Type Annealing Furnaces offer advanced process technologies, reliability, high-quality equipment and tailor-made solution to steel, aluminum and copper base material manufacturing industry. Especially for recrystallizing and spheroidizing of coils and soft annealing.

- Hydrogen and nitrogen controlled atmospheres (for low carbon steel : 5 % H₂, 95 % N₂)
- Heating Systems : Gas or electric
- Minimum gas consumption
- Preheated combustion air
- Quick connections of fluids and gas
- High efficient burner



Corrugated retort to achieve maximum long life

360° surrounded cooling with conical nozzle
Optional water spray or external cooling



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