

Electric Vibration System

CONSISTENT REFRACTORY INSTALLATIONS

Programmable control to install the refractory the same way every time

Electricity is reliable and readily available

Minimize worker fatigue and variability

Optimum installed density without manually DE-AIRING/FORKING the refractory

HEALTH & SAFETY

Ergonomic by using bulk packaging to reduce injury from manual lifting of bags

Low noise – less than 70 decibels compared to greater than 95 decibels for air driven vibrators

VERSATILITY

The same unit is able to install numerous type applications

Coreless furnaces ranging from 2mt to more than 60mt capacity

Channel furnace inductors containing 500 kg to 4,100 kg of refractory

Ferrous and nonferrous applications

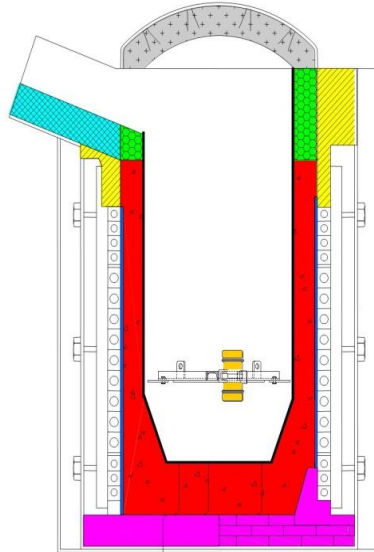
COST

Reduced installation time

Labor costs reduced - fewer people required for installations

Higher production capabilities

Electric Vibration System (EVS) is a patented refractory installation system. The EVS was designed to eliminate air pressure and air quality problems experienced when operating pneumatic or air piston vibrators. These problems cause poor refractory installations resulting in inconsistent refractory campaign life.



Result: increased productivity and lower installation cost

Touch Screen Control Panel

- Input 50 - 60 Hertz and 220 – 480 Volts
- Manual or automatic Operation
- Up to 10 vibration programs
- Diagnostics display for frequency, amperage and vibration time
- Emergency Stop button
- NEMA 12 construction - dust tight enclosure for foundry environments
- Can be mounted for easy usage

Features of Electric Vibrator

- Low noise level at 60-70 dB
- Slip weight design for operation at variable frequencies and amplitudes
- Electricity is approximately 90% lower cost than compressed air
- Life expectancy is 2x longer than pneumatic vibrators
- Quick release mechanism allows for easy removal of the vibrator

