

Induction heating tube shrinker

DHF induction heating tube shrinkers reduce work time generating bank tube removal. Our induction heating tube shrinkers improve working conditions by eliminating any possible oxygen deficiency from flame use and the risk of tube sheet damage caused by conventional methods.

We sell induction heating tube shrinkers and also provide on-site tube removal services and training programs for personnel in the operation of the equipment.

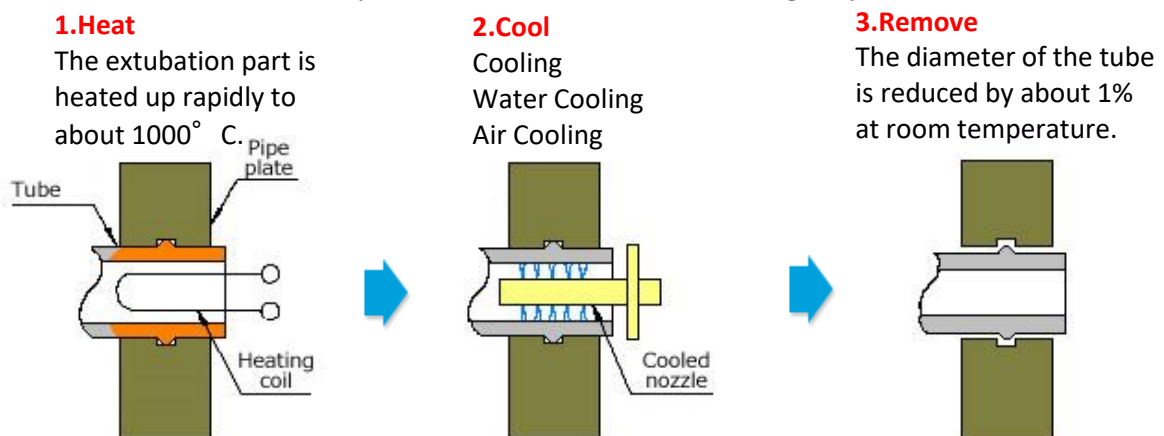


Features

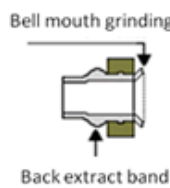
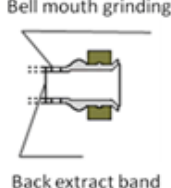
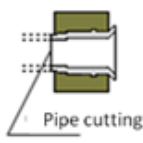
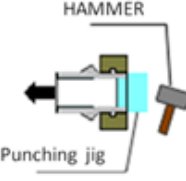
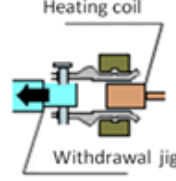
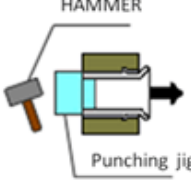
- Reduced working shifts time and resultant downtime
- Elimination of tube sheet damage
- Elimination of oxygen deficiency in drums
- No heat exhaustion, radiant heat or noise
- Almost no dioxin emissions
- Labor cost saving

Principle

The tube is heated up to 1000 degrees, causing thermal expansion under the restraint of the tube sheet. When cooled, the tube shrinks by about 1% of tube diameter, allowing easy removal.



Examples of extubation construction

Plate thickness	Thin (less than 50mm)		Thick (more than 50mm)
Heating coil	Inside or outside of drum	Inside of drum	Inside or outside of drum
insertion direction			
Sampling direction	Outside of drum		Inside of drum
Setup before heating	 <p>Bell mouth grinding Back extract band</p>	 <p>Bell mouth grinding Back extract band</p>	 <p>Pipe cutting</p>
Sampling method	 <p>HAMMER Punching jig</p>	 <p>Heating coil Withdrawal jig</p>	 <p>HAMMER Punching jig</p>
Throughput	30-40 Points/h	20-30 Points/h	10-20 Points/h