



SINGLE CHAMBER MELTING/HOLDING FURNACES

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Always on Time

SINGLE CHAMBER MELTING/HOLDING FURNACES



**Fast &
Accurate**

Single Chamber Melting/Holding Furnaces

Single chamber melting furnaces are specially designed according to customer requests. It is used for melting primary solid aluminium & scraps. It is produced as fixed or tiltable. To achieve efficient combustion, the exhaust gas temperature is used to heat the combustion air thanks to the regenerative system. In addition, it has a sealed door design that can be opened completely into the oven bath, which provides convenience in terms of cleaning, loading and maintenance. Door controls are provided hydraulically or pneumatically.

- **Capacity** : 1 – 150 Tons
- **Melting Rate** : 2-20 tons/hour
- **Energy Consumption** : 500 – 750 kWh/Ton of Al.

Furnaces can be equipped with peripheral equipment such as scrap loading vehicles, electromagnetic stirrers, porous plug systems, laser level control systems, O₂ injection systems.

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