

# 高週波感應鍛造爐

Medium Frequency Induction Heater for Forging

# 高週波感應熔解爐

Medium Frequency Induction Furnace for Melting



加熱爐體及工件輸送裝置  
Induction Heater and Working Piece Driver System



圓形胚  
Circle Working Piece



方型胚  
Square Working Piece

## 產品說明：

可根據現場空間及加熱料胚尺寸，規劃設計自動送料裝置；較短料胚搭配伺服馬達或變頻馬達驅動滾輪傳動送料方式；較長料胚搭配汽缸推送方式將料胚送入加熱線圈。

## Product Description:

Upon request, an automatic parts feeding device can be designed to suit working space and part sizes. Short parts are fed by roller, driven by servomotor or frequency inverted motor. Long parts are pushed by air cylinder for feeding into the heating coil.

## 人機介面可程序控制系統

採用 PLC 搭配人機介面監控系統，內容包含料胚尺寸規格組合模式（組合數量根據客戶需求設定）；壓力機試膜或異常暫停出料保溫模式；料胚低溫或超溫選料設定等，中文介面操作容易。

## TOUCH-SENSING SCREEN AND PLC CONTROL

The machine is controlled by PLC combined with touch-sensing screen. Control functions include parts specification assorting mode (assorting quantity can be set); pressure machine test or outfeed stop with temperature retaining mode in case of malfunction; Parts low-temperature or over-temperature setting; Chinese display with easy operation.

## 高週波感應鍛造爐規範(1250°C)：

型式(TYPE)	電力(POWER) KW / KHZ	鋼胚直徑(DIAMETER) mm	加熱能力(PATE) KG / HR
FTH-250H	250 / 4	25-45	560-680
FTH-300H	300 / 3	40-60	790-870
FTH-350H	350 / 4	24-45	780-950
FTH-400H	400 / 3	40-70	1060-1170
FTH-450H	450 / 1	60-100	1140-1330
FTH-500H	500 / 3	40-70	1320-1470
FTH-700H	700 / 3	40-70	1850-2060
FTH-700H	700 / 1	60-100	1770-2070
FTH-900H	900 / 1	60-100	2280-2660
FTH-1000H	1000 / 3	50-80	2770-2960
FTH-1200H	1200 / 1	80-120	2500-3650
FTH-1800H	1800 / 1	80-120	5250-5480
FTH-2400H	2400 / 1	80-120	7000-7300



## 專業製造

高、中、低週波感應熔解爐，熔解保溫爐，加熱爐，低週波溝形感應熔解爐鍛造用自動送料設備，橫式連續鑄造機，直立油壓半連續鑄造機。

## PRODUCTS LINE

High medium and low frequency induction heating furnace, melting heat-retaining furnace, heating furnace, low frequency slot type induction melting furnace, automatic feed system for forging, horizontal continuous casting machine and vertical hydraulic semi-continuous casting machine.

## 高週波感應加熱爐規範(1050°C)：

型式(TYPE)	電力(POWER) KW / KHZ	熔體容量(CAPACITY) KG	熔解時間(分) MELTING TIME(min)			
			鋼Se(1650°C)	鐵Fe(1500°C)	銅Cu(1200°C)	鋁Al(700°C)
FTH-50M	50 / 3	50	42	39	24	40
FTH-100M	100 / 1-3	100-150	40-61	36-55	22-34	38-58
FTH-150M	150 / 1-3	150-200	39-52	36-48	22-34	37-50
FTH-200M	200 / 1-2	200-300	37-56	34-51	22-30	35-53
FTH-300M	300 / 1-2	300-500	33-56	30-51	19-31	31-52
FTH-500M	500 / 0.5-1.2	500-1000	33-68	29-60	18-36	31-63
FTH-600M	600 / 0.5-1.2	500-1000	27-55	25-51	15-31	26-53
FTH-750M	750 / 0.5-1.2	1000-1500	42-64	38-58	24-37	41-63
FTH-900M	900 / 0.5-1.2	1000-1500	35-53	32-48	19-28	35-53
FTH-1200M	1200 / 0.5-1.2	1500-2000	40-53	35-48	21-28	39-53
FTH-1500M	1500 / 0.2-0.5	2000-3000	42-64	38-58	23-35	42-63
FTH-2000M	2000 / 0.2-0.5	2000-3000	33-50	30-45	18-26	32-47
FTH-2500M	2500 / 0.2-0.5	3000-5000	40-67	36-60	22-37	38-64
FTH-3000M	3000 / 0.2-0.5	4000-6000	45-67	38-60	25-37	43-64
FTH-3600M	3600 / 0.2-0.5	4000-6000	37-56	33-50	21-31	35-53

1. 熔解時間係指在熱爐狀態下連續熔解。但保持溫度、除渣、出爐及澆鑄時間，則不包括在內。

2. 本表僅供參考，表列以外的規格亦可設計製造

1. Characteristics values are based on the case in which the furnace is in hot condition, operations of holding, deslagging, pouring, casting, etc. are excluded.  
2. The standard types listed above are for your reference only. Special designs for your individual requirements are also available.