非凡熱科國際股份有限公司
PROKING HEATING TECHNOLOGIES INTERNATIONAL CORP.

ProKing 為感應加熱設備專業生產公司，生產各型感應熱處理設備已有數年之久，此設備主要由半導體高週波主機、輸出變壓器、模具及冷卻系統組合而成，因採用SCR/MOSFET/IGBT發振模組，適合小功率淬火、回火、焊接等熱處理應用。另一產品為感應式鋁箔封口機，能提供各尺寸及特殊瓶口封口設計，讓客戶使用更加便利。至目前為止 ProKing 產品已行销全球30國，獲得客戶肯定並建立良好口碑，讓客戶使用 ProKing 產品更加無虞。

ProKing is a professional induction heating equipment manufacturing company. We manufacture different types of induction heat treatment equipment. Small heating equipment is made up of semi-conductors, high-frequency induction generators, output transformers and coil and chiller. SCR/ MOSFET/ IGBT oscillating is used which features smaller size, lighter weight and easy-operation. The equipment is good for low-power quenching coil annealing welding. Another product from ProKing is induction sealing machines. ProKing is able to supply different kinds of special designs for special bottle sealing. ProKing has been booming in sales to over thirty countries and winning public praise.
高頻半導體高週波主機
High Frequency Induction Heating Generator

主機規格表 (High Frequency Heating System Specifications)

<table>
<thead>
<tr>
<th>MODEL</th>
<th>形 式</th>
<th>單 位</th>
<th>MF-75</th>
<th>MF-100</th>
<th>MF-150</th>
<th>MF-200</th>
<th>MF-250</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX. OUTPUT POWER</td>
<td>最大輸出功率</td>
<td>KW</td>
<td>75</td>
<td>100</td>
<td>150</td>
<td>200</td>
<td>250</td>
</tr>
<tr>
<td>INPUT POWER</td>
<td>輸入電壓</td>
<td>VAC</td>
<td>380V/440V (3相)</td>
<td>380V/440V (3相)</td>
<td>380V/440V (3相)</td>
<td>380V/440V (3相)</td>
<td>380V/440V (3相)</td>
</tr>
<tr>
<td>OUTPUT FREQUENCY</td>
<td>輸出頻率</td>
<td>KHZ</td>
<td>6-10/10-50</td>
<td>6-10/10-50</td>
<td>6-10/10-50</td>
<td>6-10/10-50</td>
<td>6-10/10-50</td>
</tr>
<tr>
<td>MEASUREMENT (LxWxH)</td>
<td>尺寸 (長×寬×高)</td>
<td>cm</td>
<td>1000×610×200</td>
<td>1000×610×200</td>
<td>2250×110×235</td>
<td>3200×750×200</td>
<td>3200×810×220</td>
</tr>
</tbody>
</table>

○ 可依客戶需求，提供客製規格設計
○ 由於本公司不斷圖新改進，機械之規格特性可能會變更，恕不另行通知。本型錄僅供參考。

○ Customized inquiry acceptable.
○ All specifications, design and characteristics shown on this catalogue are subject to change without prior notice.

Power Unit:
- The machine employs the advanced and powerful SCR/MOS-FET/IGBT module combined with CNC or human machine interface control system.
- Stainless steel water-cooled circulated heat dissipation system. Temperature is maintained under 45°C.
- Various protection devices for water pressure, water flow, water temperature, over-voltage, over-current and phase.
- Choice of various induction power units to suit various types of workpieces.
Product Description:
- The machine employs an advanced powerful IGBT or MOS-FET power unit, combined with single chip control system to greatly reduce machine volume and weight.
- Features high power efficiency and high performance usually found on large power units.
- Full solid state power generator, combined with a special single chip control circuit, designed to assure high power efficiency output.
- Power consumption is up to 20% lower than traditional models.
- Modular machine construction is easy & simple to use.
- The machine is specially designed and engineered for versatile applications such as quenching, tempering, annealing, welding, etc.
- Full case, design is dust and water-proof.

High Frequency Power Unit Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>MAX INPUT POWER</th>
<th>OUTPUT POWER</th>
<th>OUTPUT FREQUENCY</th>
<th>WATER FLOW</th>
<th>MEASUREMENT (L x W x H)</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>形式</td>
<td>单位</td>
<td>输出功率</td>
<td>流量需求</td>
<td>尺寸（长x宽x高）</td>
<td>拖重</td>
</tr>
<tr>
<td></td>
<td>SP-12KW</td>
<td>220V(1φ)</td>
<td>KW</td>
<td>mm</td>
<td>425x425x618</td>
<td>45kg</td>
</tr>
<tr>
<td></td>
<td>SP-40KW</td>
<td>380V(3φ)</td>
<td>40</td>
<td>20</td>
<td>596x540x1168</td>
<td>450kg</td>
</tr>
<tr>
<td></td>
<td>SP-100KW</td>
<td>380V(3φ)</td>
<td>100</td>
<td>50</td>
<td>1100x1520x1860</td>
<td>750kg</td>
</tr>
<tr>
<td></td>
<td>SP-150KW</td>
<td>380V(3φ)</td>
<td>150</td>
<td>100</td>
<td>1140x2150x1900</td>
<td>750kg</td>
</tr>
</tbody>
</table>

- Customized inquiry acceptable.
- All specifications, design and characteristics shown in this catalogue are subject to change without prior notice.
冰水機、冷卻系統
Chiller and Cooling System

高壓型冰水機 PL45
- 冷卻，控制機械溫度。
- 板式不鏽鋼冷卻器設計，熱交換效率優良、不堵塞。
- 不鏽鋼保溫水槽，易清洗。
- 不鏽鋼水循環管道設計。
- 多重保護裝置確保安全。
- 控制溫度範圍達10°C~45°C。

CHILLER PL45
- For cooling and controlling the machine temperature.
- Plate type stainless steel cooler features superior heat exchange without jamming.
- Stainless steel thermal retaining water tank is easy to clean.
- Stainless steel pipes for water circulation.
- Multiple protection devices assure maximum safety.
- Temperature control range 10°C~45°C.

冷卻系統 CL-120
- 冰水機及冷卻。
- 不鏽鋼保溫水槽，易清洗。
- 不鏽鋼水循環管道設計。
- 多重保護裝置確保安全。

Cooling System CL-120
- Fan Cooling.
- Stainless steel pipes for water circulation.
- Multiple protection devices assure maximum safety.

選購配備 - 冷卻系統規格表 (Cooling System Specifications)

<table>
<thead>
<tr>
<th>模型</th>
<th>形式</th>
<th>單位</th>
<th>PL-15</th>
<th>PL-45</th>
<th>PL-55</th>
<th>CL-120(Cooling System)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Discharge Rate</td>
<td>最大水流量</td>
<td>l/min</td>
<td>30</td>
<td>60</td>
<td>75</td>
<td>120</td>
</tr>
<tr>
<td>MAX INPUT POWER</td>
<td>最大輸入電壓</td>
<td>VAC</td>
<td>220V</td>
<td>220V / 380V</td>
<td>220V / 380V</td>
<td>220V / 380V</td>
</tr>
<tr>
<td>Max Waterflow Pressure</td>
<td>最大水壓</td>
<td>kg/cm²</td>
<td>2.4</td>
<td>2.4</td>
<td>3.5</td>
<td>3.5</td>
</tr>
<tr>
<td>Water Tank Capacity</td>
<td>水箱容量</td>
<td>l</td>
<td>25</td>
<td>50</td>
<td>80</td>
<td>275</td>
</tr>
<tr>
<td>Measurement (L×W×H)</td>
<td>尺寸</td>
<td>mm</td>
<td>500×510×570</td>
<td>820×600×1300</td>
<td>1110×710×1570</td>
<td>955×605×1510</td>
</tr>
<tr>
<td>Net Weight</td>
<td>幹重</td>
<td>kg</td>
<td>90</td>
<td>190</td>
<td>265</td>
<td></td>
</tr>
</tbody>
</table>

※ 可依需求另購設備
※ 適銷市場及標準，價格另有調整，恕不另行通知。本型錄僅供參考。
※ Customized inquiry acceptable.
※ All specifications, design and characteristics shown on this catalogue are subject to change without prior notice.
產品說明：
- 立式感應加熱設備
- 適用於各式工件加工製程
- 如榫材、軸類、盤類等工件
- 適用於高速冷卻循環散熱系統
- 載負較高單位相同產品工件
- 依不同客戶及產品設計製造自動化感應設備
- 以滿足客戶需求

Product Description:
- A vertical medium frequency induction heating equipment. Suitable for manufacturing processes for various workpieces such as bar stocks, shafts and disk-type workpieces, etc.
- Operation control provides NC control or human-machine interface control to choose from.
- The work station is built with water-cooled circulated heat dissipation system.
- The double stations design provides higher efficiency than that of a single station, and productivity is much higher than that of a single station.
- Choice of various induction power units to suit various types of workpieces.
- Specific design and manufacturing of automatic heat treatment equipment to meet customer's product requirements.

※ 立式感應加熱設備說明 (Vertical Induction Heating System Specifications)

<table>
<thead>
<tr>
<th>MODEL</th>
<th>形 式</th>
<th>單 位</th>
<th>WS-60</th>
<th>WS-60/2</th>
<th>WS-100</th>
<th>WS-100/2</th>
<th>WS-200</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX. QUENCHING STROKE</td>
<td>最大有效淬火行程</td>
<td>mm</td>
<td>600</td>
<td>600</td>
<td>1000</td>
<td>1000</td>
<td>2000</td>
</tr>
<tr>
<td>WORK STATION</td>
<td>工作台數</td>
<td>站</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>INDUCTION SYSTEM</td>
<td>感應系統</td>
<td>依照不同工件熱處理製程搭配</td>
<td>Follow different kinds of heating condition</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WATER FLOW</td>
<td>水流量</td>
<td>l/min</td>
<td>依照不同工件熱處理製程搭配</td>
<td>Follow different kinds of heating condition</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT(LxWxH)</td>
<td>尺寸(長x寬x高)</td>
<td>cm</td>
<td>240x140x220</td>
<td>320x140x220</td>
<td>300x260x285</td>
<td>400x260x285</td>
<td>200x170x400</td>
</tr>
</tbody>
</table>

✿ 產品尺寸及規格以製造廠及製造商之公佈為準，如有變更恕不另行通知。本型錄僅供參考。
✿ Customized inquiry acceptable.
✿ All specifications, design and characteristics shown on this catalogue are subject to change without prior notice.
立式双站感应加热设备 WS-100/2
主要元件：IGBT、MOS-FET、SCR
工作频率范围：10KHz、20-50KHz、50-150KHz
应用范围：热处理、时效（钢焊接前）、退火、熔解、人工抛光熔解键，
锻造加热表面硬化处理。

Two Station Vertical Induction Heating System
MAJOR PARTS: IGBT, MOS-FET, SCR
FREQUENCY RANGE: 10KHz, 20-50KHz, 50-150KHz
APPLICATIONS: Heat treatment, pipe making (steel pipe welding) annealing, melting, artificial diamond melting furnace and forging part surface hardening.

立式单站感应加热设备 WS-60
主要元件：IGBT、MOS-FET、SCR
工作频率范围：10KHz、20-50KHz、50-150KHz
应用范围：热处理、时效（钢焊接前）、退火、熔解、人工抛光熔解键，
锻造加热表面硬化处理。

Single Station Vertical Induction Heating System
MAJOR PARTS: IGBT, MOS-FET, SCR
FREQUENCY RANGE: 10KHz, 20-50KHz, 50-150KHz
APPLICATIONS: Heat treatment, pipe making (steel pipe welding), annealing, melting, artificial diamond melting furnace and forging part surface hardening.

採用NC控制器或PLC控制系统
（组合数量根据客户需求设定）
Uses NC Controller or PLC System for Easy Operation
臥式感應加熱設備

Horizontal Induction Heating System

適用產品：滾珠螺桿、傳動軸、軸心等圓形棒材工件。
EX: Ball Screw, Transmission Shaft, Shaft and Circle Bar.

TW Pat. No.1272233
CN. Pat. No.ZL200720001900.3
U.S. Pat. No.7337644
日本實用新案第3131409號

NC控制器及操作設定平台
NC Control Unit

伺服傳動裝置
Servo Driver System

加熱淬火站及淬火液循環槽，設置線上回火裝置
Quenching and Tempering Station

螺桿淬火實例，滾珠螺桿熱處理
Balliscrew Heat Treatment
Product Description:

1. The horizontal induction heating equipment is suitable for various parts, such as ballscrews and round bars, etc. Applicable bar sizes are 16-150 mm in diameter and 80-700 mm in length.

2. TABLE: Equipped with NC control or touch-sensing screen. Control brands may be specified. Employs roller and servo drive combined with the use of deformation control to achieve high accuracy and high stability heat treatment.

3. The machine consists of a high frequency power unit, table, internal circulated water cooling system and a quench cooling system.

4. The work station employs a hydraulic/ pneumatic system and servo drive system to achieve high accuracy and automated operation.

5. The internal circulated cooling system should meet the requirements of the workpiece. An enclosed circulation system will achieve accurate and stable cooling performance. Water tank capacity is 125-1,000 L. Heat exchanger 200,000 - 800,000 BTU. Pump (3-10HP). All pipes are manufactured from SUS material for rusting-free and no jamming in circuit.

6. The quench cooling system is designed to meet the requirement of workpiece. The circulated coolant tank capacity is 500-2,000 L. Heat exchanger 200,000 - 600,000 BTU. Pump (3-10HP). The cooling system can filtrate oxidized iron powder and oil and features constant temperature control.

軸棒型螺桿熱處理

Shaft, Ballscrew Hardening

● Customized inquiry acceptable.
● All specifications, design and characteristics shown on this catalogue are subject to change without prior notice.
臥式感應加熱設備

Product Description:

- Horizontal Induction Heating Equipment suit for heating the square steel bar such as precise linear guide way. Applicable to the work-piece of linear size 800~6000 mm.

- Equipped with NC control or touch-sensing screen. Control brands may be specified. Employing roller and servo drive combined with the use of deformation control to achieve high accuracy and high stability heat treatment.

- The quench cooling system is designed to meet the requirement of working piece. The circulated coolant tank capacity is 500~2,000 L. Heat exchanger 200,000~800,000 BTU, Pump (3~10 HP). The cooling system can filtrate oxidized iron powder and oil and features constant temperature control.

- Consists of a high frequency power unit, table, internal circulated water cooling system and a quench cooling system.

- Employ a hydraulic / pneumatic system and servo drive system to achieve high accuracy and automated operation.

- The internal circulated cooling system should meet the requirements of the working piece. An enclosed circulation system will achieve accurate and stable cooling performance. Water tank capacity is 125~1,000 L. Heat exchanger 200,000~800,000 BTU, Pump (3~10 HP). All pipes are manufactured from SUS material for rust-free and no jamming in circuit.

產品說明

- 臥式感應加熱設備，適用於方型; 條狀等異型長條工件加工製程，如線性滑軌，條鋼等工件，適用工件尺寸：直徑15~15~80" mm，長1000~7000mm之棒材工件。

- 工作台：配備CNC控制器或人機介面可依客戶指定磨具使用滾輪及伺服傳動並使用抑制變形裝置達致高精度及高穩定性。

- 包括高周波主機、工作台、冷卻系統、淬火液冷卻系統四部份。

- 工作站使用油壓及伺服驅動系統，達到高精度自動化。

- 內循環冷卻系統方面須配合熱處理工件需求，以密閉循環方式達到精確穩定的冷卻系統，設計循環容量(125~1,000) L; 熱交換器(200,000~800,000) BTU, PUMP (3~10 HP), 金屬SUS管達成循環管路不塞的目的。

- 淬火液冷卻系統：配合工件淬火液冷卻需求設計循環容量(600~2,000) L; 熱交換器(200,000~800,000 BTU), PUM (3~10 HP) 等，並有過濾氧化鐵粉、濾油、恆溫溫度控制等自動功能。
LH-4000 series linear rail surface heat treatment equipment
Horizontal Induction Heating System
(Square Bar type) LH Series

- CNC controller and operation setting platform
- Linear rail hardening
- Linear rail heat treatment

Customized inquiry acceptable.
All specifications, design and characteristics shown on this catalogue are subject to change without prior notice.
油壓伺服校直機
Hydraulic Straightening Machine

圓形工件校直用途
適用產品：傳動軸、滾珠螺桿
Straightening For Circle Bar
Ex: Transmission Shaft, Ball Screw

- 滑動頂尖座：左右各一交、流軸式工件移動輕便(標準配備)
- 頂尖座：5000mm (可容許長度)
- 滾輪頂尖座可更換活動滾輪拖桿座
- 研磨完成之螺桿小彎曲可於此設備校直達0.01mm (1.8倍量表)

- Sliding base: each one of right and left. Easily adjustable the workpiece by roller (standard accessories).
- Distance of tip: 5000mm (Allowable length).
- Rotating base: replacement roller straightening base.
- The screw bend after grinding could be straightened reach to 0.01mm on this equipment. (Need install 1.8 times scale).

方形工件校直用途
適用產品：線性滑軌
Straightening For Square Bar
Ex: Linear Guide

- 多組滾輪座：導軌移動輕便
- 適用長度：4000~6000mm
- 線軌校直後，彎曲度可達0.1mm/4000mm
- 搭配表面硬化的研磨之高度量測

- Several rotating bases let it easily adjustable.
- Suitable length: 4000~6000 mm.
- After straightening process, the Linear precision could be reach to 0.1mm / 4000mm.
- Go with measure straightedge which did surface hardening and grinding process

HAL-30機械規格(Specifications)

<table>
<thead>
<tr>
<th>適用尺寸</th>
<th>Applicable size (φ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-63mm / L5000mm</td>
<td>12-63mm / L5000mm</td>
</tr>
<tr>
<td>30T主機 (組)</td>
<td>30T host (unit)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>適用尺寸</th>
<th>Applicable size (φ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>40~125mm / L5000mm</td>
<td>40~125mm / L5000mm</td>
</tr>
<tr>
<td>60T 主機 (組)</td>
<td>60T host (unit)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1410Kg * 1</th>
<th>1930Kg * 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>中央平臺：380Kg / L2500mm * 1組</td>
<td>Central platform: 380Kg / L2500mm * 1 unit</td>
</tr>
<tr>
<td>接長平臺：180Kg / L2000mm * 2組 (可再延長)</td>
<td>Stretch platform: 180Kg / L2000mm * 2 unit (Length could be extend)</td>
</tr>
<tr>
<td>工件絞槽 (承壓槽)：斜契調整高度 * 2組</td>
<td>Pedestal: block wedge for adjustable the height * 2 unit</td>
</tr>
<tr>
<td>替換式絞槽承壓槽共3組</td>
<td>Substitute copper block 3 pcs</td>
</tr>
</tbody>
</table>

馬達 / Motor: AC380V / 5HP

液壓油: R68 / 油箱 100L

油壓缸直徑 150mm，壓力20~200 Kg/cm²任意調整
Hydraulic cylinder diameter was 150mm
Adjustable the pressure to 20~200Kg/cm²

油壓缸(壓力頭):

- 停留高度可任意調整，最大行程可限制調整
- 隨手操作手杆任意移動高低，位置精確度可達0.02mm
- 壓工作件接觸承力塊，可以精確控制壓力量

Hydraulic cylinder (pressure head):

- Stay position could be adjustable. Maximum distance could limited adjustable.
- Manual adjustable the lifting by pole and accurate reach to 0.02mm
- Accurate control bending amount by the feedback from the pressure block.

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* Customized inquiry acceptable.

* All specifications, design and characteristics shown on this catalogue are subject to change without prior notice.
油壓伺服扭轉校直機
Hydraulic Twist Straightening Machine

長條形扭轉校直用途
Twist Straightening For Square Bar

RL-30機械規格：
- 適用尺寸：例：線性導軌15~65型 / L4000mm
- 工作高度1米。
- 扭轉角度共65度。
- 扭力可隨意調整(油壓25~200KG/cm²)。
- 扭力大小可參考油壓表，角度可數顯(磁性尺)。
- 工件夾持後立即檢測出扭曲量，校扭後不需放鬆即可看出結果，不足或過量可立即校扭，效率高，不需放鬆移動到平臺檢測。
- 配合導軌校直機(先扭直再校直)。
- 兩校扭頭固定點間距位置200~700mm。
- 扭轉角度隨手任意移動(油壓伺服結構)。
- 前後連接滾輪支撐架，移動輕便。
- 馬達5HP/AC380V。

RL-30 Specifications:
- Applicable size: The type of 15 to 65 linear guides / L4000mm
- Working height: 1 meter
- Twist angle 65 degrees
- Easily adjustable the torque (25~200KG/cm²)
- The Torsion refer to the hydraulic gauge and angle digital display (magnetic ruler)
- After holder the workpiece to test twist immediately and don't lose it enable test the result after straightening twist. If any insufficient or excess enable to straightening twist immediately.
- Don't need move to platform for test with high efficiency Guides straightening machine (First twist straight then straightening)
- Two twist fixed point area 200 ~ 700mm
- Twist the angle as required. (hydraulic servo structure)
- Easily move the connect roller support
- Motor: 5HP / AC380V

○ 可依客戶需求，提供客製服務設備
○ 由於本公司不斷創新改進，本機之規格特性得以變更，恕不另行通知。本型錄僅供參考。
○ Customized inquiry acceptable
○ All specifications, design and characteristics shown on this catalogue are subject to change without prior notice.
高週波感應鍛造爐

Medium Frequency Induction Heater for Forging

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 inverter motor. Long parts are pushed by air cylinder for feeding into the heating coil.

Product Description:

<table>
<thead>
<tr>
<th>型式 (TYPE)</th>
<th>電力 (POWER)</th>
<th>材質直徑 (DIAMETER)</th>
<th>加熱能力 (RATE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTH-250H</td>
<td>250 / 4</td>
<td>25-45</td>
<td>560-680</td>
</tr>
<tr>
<td>FTH-300H</td>
<td>300 / 3</td>
<td>40-60</td>
<td>790-870</td>
</tr>
<tr>
<td>FTH-350H</td>
<td>350 / 4</td>
<td>24-45</td>
<td>780-950</td>
</tr>
<tr>
<td>FTH-400H</td>
<td>400 / 3</td>
<td>40-70</td>
<td>1060-1170</td>
</tr>
<tr>
<td>FTH-450H</td>
<td>450 / 1</td>
<td>60-100</td>
<td>1140-1330</td>
</tr>
<tr>
<td>FTH-500H</td>
<td>500 / 3</td>
<td>60-100</td>
<td>1320-1470</td>
</tr>
<tr>
<td>FTH-700H</td>
<td>700 / 3</td>
<td>40-70</td>
<td>1850-2060</td>
</tr>
<tr>
<td>FTH-700H</td>
<td>700 / 1</td>
<td>60-100</td>
<td>1770-2070</td>
</tr>
<tr>
<td>FTH-900H</td>
<td>900 / 1</td>
<td>60-100</td>
<td>2280-2660</td>
</tr>
<tr>
<td>FTH-1000H</td>
<td>1000 / 3</td>
<td>50-80</td>
<td>2770-2960</td>
</tr>
<tr>
<td>FTH-1200H</td>
<td>1200 / 1</td>
<td>80-120</td>
<td>2500-3680</td>
</tr>
<tr>
<td>FTH-1800H</td>
<td>1800 / 1</td>
<td>80-120</td>
<td>5250-5480</td>
</tr>
<tr>
<td>FTH-2400H</td>
<td>2400 / 1</td>
<td>80-120</td>
<td>7000-7300</td>
</tr>
</tbody>
</table>

* Customized inquiry acceptable.
* All specifications, design and characteristics shown in this catalogue are subject to change without prior notice.
高週波感應熔解爐
Medium Frequency Induction Furnace for Melting

專業製造
高、中、低週波感應熔解爐，熔解用爐具，
加熱爐，低週波高頻熔解爐適用自動
送料設備，儀式變壓器爐具，直流電壓半邊
鋼爐爐具。

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：

<table>
<thead>
<tr>
<th>型式 (TYPE)</th>
<th>電力 (POWER)</th>
<th>熔解時間 (公斤/小時)</th>
<th>鐵 (IRON 1500℃)</th>
<th>鋼 (STEEL 1650℃)</th>
<th>銅 (BRONZE 1200℃)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTH-50M</td>
<td>50 / 3</td>
<td>75</td>
<td>70</td>
<td>130</td>
<td></td>
</tr>
<tr>
<td>FTH-100M</td>
<td>100 / 1-3</td>
<td>100</td>
<td>150</td>
<td>210</td>
<td></td>
</tr>
<tr>
<td>FTH-150M</td>
<td>150 / 1-3</td>
<td>180</td>
<td>225</td>
<td>450</td>
<td></td>
</tr>
<tr>
<td>FTH-200M</td>
<td>200 / 1-3</td>
<td>345</td>
<td>315</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>FTH-250M</td>
<td>250 / 1-3</td>
<td>475</td>
<td>430</td>
<td>800</td>
<td></td>
</tr>
<tr>
<td>FTH-300M</td>
<td>300 / 1-3</td>
<td>590</td>
<td>530</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>FTH-500M</td>
<td>500 / 0.5-1</td>
<td>1000</td>
<td>900</td>
<td>1700</td>
<td></td>
</tr>
<tr>
<td>FTH-550M</td>
<td>550 / 0.5-1</td>
<td>1200</td>
<td>1050</td>
<td>2040</td>
<td></td>
</tr>
<tr>
<td>FTH-750M</td>
<td>750 / 0.5-1</td>
<td>1550</td>
<td>1430</td>
<td>2550</td>
<td></td>
</tr>
<tr>
<td>FTH-1000M</td>
<td>1000 / 0.5-1</td>
<td>2065</td>
<td>1910</td>
<td>3400</td>
<td></td>
</tr>
<tr>
<td>FTH-1200M</td>
<td>1200 / 0.2-1</td>
<td>2480</td>
<td>2290</td>
<td>4080</td>
<td></td>
</tr>
<tr>
<td>FTH-1500M</td>
<td>1500 / 0.2-1</td>
<td>3100</td>
<td>2800</td>
<td>5100</td>
<td></td>
</tr>
<tr>
<td>FTH-1800M</td>
<td>1800 / 0.2-0.5</td>
<td>3720</td>
<td>3435</td>
<td>6120</td>
<td></td>
</tr>
<tr>
<td>FTH-2000M</td>
<td>2000 / 0.2-0.5</td>
<td>4130</td>
<td>3820</td>
<td>8800</td>
<td></td>
</tr>
<tr>
<td>FTH-2200M</td>
<td>2200 / 0.2-0.5</td>
<td>4550</td>
<td>4200</td>
<td>7450</td>
<td></td>
</tr>
</tbody>
</table>

1. 上列所列熔解能力係指在熔解狀態下連續熔解，不包含除渣、澆注時間及熔解材料緊密、未超過熔爐容積的條件下所建立之數據。
2. 本表僅供參考，表列以外的規格亦可設計製造。
3. Characteristics values are based on the case in which a quantity of pouring is 1/2 approximately of capacity of the crucible. Operations of holding, deslagging, pouring, casting, etc. are excluded.
4. The standard types listed above are for your reference only. Special designs for your individual requirements are also available.

* Customized inquiry acceptable.
* All specifications, design and characteristics shown on this catalogue are subject to change without prior notice.
- Extensive Applications - applicable to a variety of induction heating processes for various metal parts; ideal for both of mass production and flexible production.

- Easy Maintenance - employing modular, SMD transistor circuit for high stability.

- Flexible management - easily to be combined with existed production line.

- Eco-friendly, energy-saving and high efficiency characteristics.

非凡熱科國際股份有限公司

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