





VAUGHANS (Hope Works)



Tools & Equipment for Blacksmiths, Tinsmiths & Foundries – Forgings & Fabrications

CRUCIBLE FURNACE & SPARES

	<p>FL-CM450 CM450 SAFTEY TILT CRUCIBLE FURNACE Runs on either Natural Gas or on LPG bottled gas Melts up to 2 litres of Aluminium in 35 minutes Temperature range - 950°C to 1000°C Melt time of 40 - 60 minutes based on Grade LM4 Aluminum which we can be supplied by Vaughans Safety tilt crucible removes the need to lift the pot unless required.</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>CM450 Crucible Furnace</td> <td>1,342.20</td> </tr> </tbody> </table>	Description	Price	CM450 Crucible Furnace	1,342.20
Description	Price					
CM450 Crucible Furnace	1,342.20					
	<p>FL-CM450PB CM450PB SAFETY TILT CRUCIBLE FURNACE Melts up to 2 litres of Brass or Bronze in 35 minutes and 2 litres of Aluminium in 25 minutes Maximum temperature 1100°C Safety tilt crucible removes the need to lift the pot unless required. If required, a special lifting frame lifts the whole drum safely COSHH Regulations compliant</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>CM450PB Crucible Furnace</td> <td>2,474.27</td> </tr> </tbody> </table>	Description	Price	CM450PB Crucible Furnace	2,474.27
Description	Price					
CM450PB Crucible Furnace	2,474.27					
	<p>FL-CM700 RAPID MELTING CRUCIBLE FURNACE Melts 11 kg of Copper or Zinc in 35 minutes and 4 kg of Aluminium in 25 minutes Maximum temperature 1200°C Push-button operated motorised safety tilt system Designed to work with natural gas, propane, or butane COSHH Regulations compliant</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>CM700 Rapid Melting Crucible Furnace</td> <td>5,650.17</td> </tr> </tbody> </table>	Description	Price	CM700 Rapid Melting Crucible Furnace	5,650.17
Description	Price					
CM700 Rapid Melting Crucible Furnace	5,650.17					
	<p>FL-MBENCH MOULDING BENCH Rigidly constructed to be totally stable with the 200kg sand bin full to capacity Aesthetically designed to match the range of gas equipment Restricts the sand within a specific area when filling moulding flasks and so helps to keep the floor sand free and reduces the chance of accidents</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>Moulding Bench</td> <td>1,530.60</td> </tr> </tbody> </table>	Description	Price	Moulding Bench	1,530.60
Description	Price					
Moulding Bench	1,530.60					

VAUGHANS (Hope Works)



Tools & Equipment for Blacksmiths, Tinsmiths & Foundries – Forgings & Fabrications

CRUCIBLE FURNACE SPARES / GAS FIRED KILNS




	<p>FL-SANDTRA RAISED SAND TRAY</p> <p>Suitable for CM450 & CM450PB (Pictured with CM450PB)</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>Raised Sand Tray</td> <td>275.55</td> </tr> </tbody> </table>	Description	Price	Raised Sand Tray	275.55
Description	Price					
Raised Sand Tray	275.55					
	<p>FL-ATP10 ATP10 CRUCIBLE POT & LID</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>ATP10 Crucible Pot & Lid</td> <td>149.55</td> </tr> </tbody> </table>	Description	Price	ATP10 Crucible Pot & Lid	149.55
Description	Price					
ATP10 Crucible Pot & Lid	149.55					
	<p>FL-C30 C30 CRUCIBLE POT</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>C30 Crucible Pot</td> <td>280.70</td> </tr> </tbody> </table>	Description	Price	C30 Crucible Pot	280.70
Description	Price					
C30 Crucible Pot	280.70					
	<p>FL-TPX25B TPX25B CRUCIBLE POT</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>TPX25B Crucible Pot</td> <td>499.55</td> </tr> </tbody> </table>	Description	Price	TPX25B Crucible Pot	499.55
Description	Price					
TPX25B Crucible Pot	499.55					
	<p>FL-LN1000 LN1000 GAS FIRED KILN</p> <p>For professional and student use Can be permanently installed or used as a portable kiln Piezo Spark Ignition - eliminates lighting problems Flame Failure Device - no flame - no gas Heat Control Valve provides simple, safe temperature control Unique Safety Door - provides minimum heat exposure. Heats up to 850°C in 10 minutes, 1000°C in 35 minutes Casing Heat Guard available as optional extra</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>LN1000 Gas Fired Kiln</td> <td>1,365.78</td> </tr> </tbody> </table>	Description	Price	LN1000 Gas Fired Kiln	1,365.78
Description	Price					
LN1000 Gas Fired Kiln	1,365.78					
	<p>FL-LN2000 LN2000 GAS FIRED KILN</p> <p>For professional and student use Designed for use in well ventilated areas Piezo Spark Ignition - eliminates lighting problems Flame Failure Device - no flame - no gas Heat Control Valve provides simple, safe temperature control Unique Safety Door - provides min heat exposure. Heats up to 850°C in 10 minutes, 1100°C in 30 minutes Casing Heat Guard available as optional extra</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>LN2000 Gas Fired Kiln</td> <td>2,183.10</td> </tr> </tbody> </table>	Description	Price	LN2000 Gas Fired Kiln	2,183.10
Description	Price					
LN2000 Gas Fired Kiln	2,183.10					

VAUGHANS (Hope Works)



Tools & Equipment for Blacksmiths, Tinsmiths & Foundries – Forgings & Fabrications

BRAZING HEARTHS

	<p>FL-DS400 DS400 BRAZING HEARTH Perfect for use in school design technology workshops or industry use, i.e. jewellery workshops. Easy-to-use RF80 brazing torch allows one-hand operation A solid refractory hearth with robust side and rear heat shields A fully fail safe system, compliant with British Standards All sequences are visually displayed using neon indicators Optional extras are available</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>DS400 Brazing Hearth</td> <td>3,248.10</td> </tr> </tbody> </table>	Description	Price	DS400 Brazing Hearth	3,248.10		
Description	Price							
DS400 Brazing Hearth	3,248.10							
	<p>FL-DS400D DS400D DOUBLE BRAZING HEARTH Identical to the DS400 single brazing hearth with the addition of dual working positions 2 easy-to-use RF80 brazing torches allows one-hand operation A solid refractory hearth with robust side, central and rear heat shields A fully failsafe system, compliant with British Standards All sequences are visually displayed using neon indicators Optional extras are available</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>DS400D Double Brazing Hearth</td> <td>4,417.70</td> </tr> </tbody> </table>	Description	Price	DS400D Double Brazing Hearth	4,417.70		
Description	Price							
DS400D Double Brazing Hearth	4,417.70							
	<p>FL-DS430S DS430S COMBINED CHIP FORGE & BRAZING HEARTH Especially useful where space limitations are a consideration Unit consists of a ceramic chip forge and a single brazing hearth usually equipped with a RF80 brazing torch Can be run on either Natural Gas or LPG bottled gas Shown with Varivac extraction canopy Optional extras available</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>DS430S Combined Chip Forge & Brazing Hearth</td> <td>4,812.20</td> </tr> <tr> <td>DS430S Canopy</td> <td>746.75</td> </tr> </tbody> </table>	Description	Price	DS430S Combined Chip Forge & Brazing Hearth	4,812.20	DS430S Canopy	746.75
Description	Price							
DS430S Combined Chip Forge & Brazing Hearth	4,812.20							
DS430S Canopy	746.75							

VAUGHANS (Hope Works)



Tools & Equipment for Blacksmiths, Tinsmiths & Foundries – Forgings & Fabrications

	<p>FL-DS430D COMBINED CHIP FORGE & DOUBLE BRAZING HEARTH</p> <p>Especially useful where space limitations are a consideration Unit consists of a ceramic chip forge and two brazing hearth usually equipped with 2 RF80 brazing torches Can be run on either Natural Gas or LPG bottled gas Shown with Varivac extraction canopy Optional extras available</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>DS430D Combined Chip Forge & Double Brazing Hearth</td> <td>5148.97</td> </tr> <tr> <td>DS430D Canopy</td> <td>836.36</td> </tr> </tbody> </table>	Description	Price	DS430D Combined Chip Forge & Double Brazing Hearth	5148.97	DS430D Canopy	836.36
Description	Price							
DS430D Combined Chip Forge & Double Brazing Hearth	5148.97							
DS430D Canopy	836.36							
	<p>FL-DS430A CERAMIC CHIP FORGE</p> <p>Push-button no-volt release starter 12.5kg of ceramic chippings Side and rear heat shields Automatic safety check of controls and air fan Can be run on either Natural Gas or LPG bottled gas Rake iron</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>DS430A Ceramic Chip Forge</td> <td>4,358.80</td> </tr> <tr> <td>DS430A Canopy</td> <td>595.85</td> </tr> </tbody> </table>	Description	Price	DS430A Ceramic Chip Forge	4,358.80	DS430A Canopy	595.85
Description	Price							
DS430A Ceramic Chip Forge	4,358.80							
DS430A Canopy	595.85							
<p>Awaiting Photo</p>	<p>FL-CHIPS 12.5KGS CERAMIC CHIPS</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>12.5Kgs Ceramic Chips</td> <td>147.05</td> </tr> </tbody> </table>	Description	Price	12.5Kgs Ceramic Chips	147.05		
Description	Price							
12.5Kgs Ceramic Chips	147.05							

VAUGHANS (Hope Works)



Tools & Equipment for Blacksmiths, Tinsmiths & Foundries – Forgings & Fabrications

TORCHES

<p>3070 TORCH</p> <p>Thimble Wheel Gas Control</p> <p>Plastic Handle</p> <p>Thimble Wheel Air Control</p> <p>Parking Hook</p> <p>223mm</p> <p>305mm</p> <p>Nett Weight 1.8kg</p>	<p>TRCH-3070 GAS AIR TORCH</p> <p>General purpose torch to give a wide range flame length & spread and upto 130,000 BTU per hour output</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>3070 Gas Air Torch c/w hose & 2vm</td> <td>413.95</td> </tr> <tr> <td>3070 Nozzle 1vm</td> <td>114.33</td> </tr> <tr> <td>3070 Nozzle 2vm</td> <td>114.33</td> </tr> <tr> <td>3070 Nozzle 3vm</td> <td>114.33</td> </tr> </tbody> </table>	Description	Price	3070 Gas Air Torch c/w hose & 2vm	413.95	3070 Nozzle 1vm	114.33	3070 Nozzle 2vm	114.33	3070 Nozzle 3vm	114.33
Description	Price											
3070 Gas Air Torch c/w hose & 2vm	413.95											
3070 Nozzle 1vm	114.33											
3070 Nozzle 2vm	114.33											
3070 Nozzle 3vm	114.33											
<p>RF10 Torch shown here</p>	<p>TRCH-RF80 / RF10 RF80 TORCH / RF10 TORCH</p> <p>A range of single hand operated soldering and brazing torches for fine jewellery and heavy brazing For use with natural or bottled gas Constructed from nickel plated brass with a heat resistant steel burner head to ensure long and reliable service RF80 Gas Torch is designed for heavy brazing. The RF10 Gas Torch is smaller with a heat output ideal for fine jewellery Optional extras available</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>RF80 Torch</td> <td>355.35</td> </tr> <tr> <td>RF10 Torch</td> <td>355.35</td> </tr> </tbody> </table>	Description	Price	RF80 Torch	355.35	RF10 Torch	355.35				
Description	Price											
RF80 Torch	355.35											
RF10 Torch	355.35											
<p>T2 Torch shown here</p>	<p>TRCH-T4 / T2 T4 TORCH / T2 TORCH</p> <p>T4 Torch is designed for heavy brazing. The T2 Torch is smaller with a heat output for more delicate work Provides a wide range of flames at the turn of a valve Ideal for brazing, soldering, metal melting, heat treatment, glass, lead and tinning work Constructed from nickel plated brass with a heat resistant steel burner head to ensure long and reliable service Optional extras available</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>T4 Torch</td> <td>355.35</td> </tr> <tr> <td>T2 Torch</td> <td>355.35</td> </tr> </tbody> </table>	Description	Price	T4 Torch	355.35	T2 Torch	355.35				
Description	Price											
T4 Torch	355.35											
T2 Torch	355.35											

VAUGHANS (Hope Works)



Tools & Equipment for Blacksmiths, Tinsmiths & Foundries – Forgings & Fabrications



**TRCH-NFT
ADAPTO NEEDLEFLAME
TORCH**

Produces a fine, precise flame for silver soldering
Ideal for jewellers, model makers, dental and instrument technicians
Insulated torch with adjustable air/gas valves
Twinned gas/air tubing (1.5 metres)
Diaphragm air pump and spare diaphragm
Tubing adaptor
Cast iron base with 30° and 60° vertical adjustment

Description	Price
Adapto Needleflame Torch	159.65

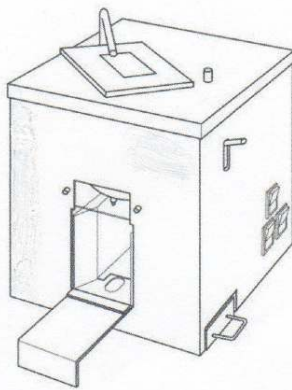


**TRCH-NFT
ADAPTO PENCIL TORCH**

PLEASE NOTE: Can only be used with Natural Gas
A precision instrument with multiple usage
Ideal for dental work, model making and all soft soldering projects
Provides a long thin flame ideal for when high heat is not required
Flame length of up to 80mm
Solid, stable base gives static positions of 30°, 60° or 90°
Insulated stainless steel barrel which remains cool during intense use making it ideal for hand held use

Description	Price
Adapto Pencil Torch	97.85

LOW TEMPERATURE CASTING UNITS



**FL-LT1
LOW TEMPERATURE
CASTING UNIT**

Low Temperature casting unit
Mould Holder and clip
5 sticks Lead Free Pewter
Selector Switch for High/Low Temperature Control
1 MDF mould
Spill tray
Lead Free Pewter, MCF Low Melting Point Alloy and vulcanised rubber moulds are available as optional extras.

Description	Price
Low Temperature Casting Unit	822.97

VAUGHANS (Hope Works)



Tools & Equipment for Blacksmiths, Tinsmiths & Foundries – Forgings & Fabrications

JEWELLERY EQUIPMENT



FL-EM222

JEWELLERY BENCHES

Gas/air manifolds rear and front and 9MS8 Blower Fan - single phase
Flexible approved gas hose for connection with non-return valve fitted to gas inlet with double solenoid
2 Adapto RF10 jewellery torches with colour coded reinforced gas and air hoses
Adapto needle flame torches with colour coded gas and air hoses and three position stand (2 for EM 222 only)
Range of optional extras available

Description	Price
EM222 Jewellery Bench	5,621.65



FL-PICK

PICKLING BENCH

Pickling bath with large earthenware sink
Lid doubles as anti-splash protection
Polycarbonate window for viewing work in progress
Acid proof heat stabilised polypropylene worktop
Self draining worktop and backstand
Front and side raised edges
Weir type drain tube and plug lock allow safe acid evacuation
Ample undersink storage with lockable double doors

Description	Price
Pickling Bench	3,054.40

WELDING BENCH



FL-SA4000

MODULAR WELDING BENCH

Designed to meet all manual welding requirements in the workshop
Rugged construction for industrial and educational use
Maintenance free

Description	Price
Modular Welding Bench	1,291.95