VAUGHANS (HOPE WORKS)

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

Unit J, Monarch Works, Balds Lane, Lye, Stourbridge, West Midlands, DY9 8TE
Telephone: **01384 424232** Fax: **01384 893171**
E-mail: **sales@anvils.co.uk** Website: **www.anvils.co.uk**

PRICE LIST
JANUARY 2023

Approved Suppliers to British & Most Overseas Government & Aided Programmes Including World Bank United Nations

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V A T:	At Current Rate
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BLACKSMITHS & TINSMITHS

FOUNDRY & FABRICATIONS

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

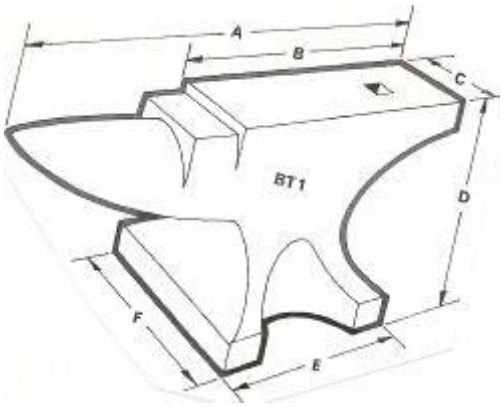
S1
SINGLE BICK ANVIL

(London Pattern)

Solid steel Anvil for supporting hot metal as it is being hammered

Kgs	Cwt	Price
5.0		143.70
12.7		205.23
18.1		238.80
25.4		322.80
38.1		398.33
45.4		427.15
50.8	1 cwt	551.98
63.5	1.1/4 cwt	623.50
76.2	1.1/2 cwt	781.00
88.9	1.3/4 cwt	834.50
101.6	2 cwt	899.90
127.0	2.1/2 cwt	999.89
152	3 cwt	1330.86
177.8	3.1/2 cwt	1513.81
203.2	4 cwt	1678.95
228.6	4.1/2 cwt	1881.08
254.0	5 cwt	2082.15

SINGLE BICK ANVIL SIZES (See Diagram BT1 Below)



Wt	A	B	C	D	E	F	Sqr Hole	Rnd Hole
Kgs	Ins	Ins	Ins	Ins	Ins	Ins	Ins	Ins
5.0	9.3/8	6	1.7/8	4.1/4	4.3/8	3.3/4	½	¼
12.7	12.1/4	7.1/2	2.5/8	6.3/8	6	5.3/4	5/8	3/8
18.1	15	10	3	6.7/8	7	6	5/8	3/8
25.4	15.1/8	9.1/2	3	7	7.3/4	7	¾	3/8
38.1	19.1/8	11.3/4	3.1/2	8.5/8	8	6.7/8	¾	3/8
45.4	20.1/2	12.1/2	3.1/2	9.14	9	7.1/2	¾	3/8
50.8	22.5/8	13.1/4	3.3/4	9.3/4	9.1/4	7.3/4	1.1/4	½
63.5	23.1/2	14	4.3/8	9.1/2	9.3/4	9.1/4	1.1/4	½
76.2	25.1/4	15	4	11	10.1/4	9.1/2	1.1/4	½
88.9	27	16.1/2	4.1/4	11.1/2	10.3/4	9.1/2	1.1/4	½
101.6	28	17	4.1/2	12	11.1/2	9.3/4	1.1/4	¾
127.0	30.1/2	18.3/4	4.3/4	13.1/2	13.1/2	12.1/2	1.1/4	¾
152.4	34.1/2	21	5	14	14	10	1.1/4	¾
177.8	36	22	5.1/4	14.1/2	14.3/4	11.3/4	1.1/4	¾
203.2	37	22.1/2	5.3/4	15	15.1/2	12.1/2	1.1/4	¾
228.6	36.1/2	22.1/4	5.3/4	16.1/2	15.3/4	13	1.1/4	¾
254.0	40	24.1/2	6.1/2	16	15.1/2	14	1.1/4	¾

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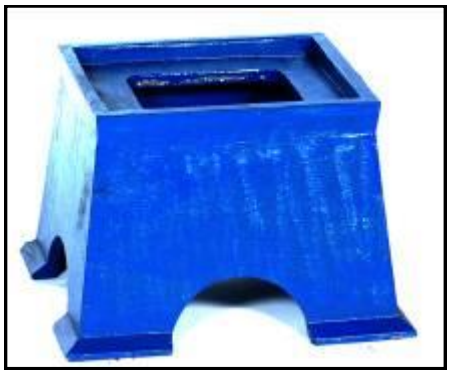
Lye Pattern

S1F
FARRIERS ANVIL

Solid steel Anvil with special features used in the hand hammering of horseshoes

Pattern	Kgs	Price
American	38.1	563.52
Lye	38.1	647.81



S1B
ANVIL STAND

Cast iron structure to support the Anvil

Anvil to Suit	Price
25.4 Kg	250.33
38.1 Kg	250.33
45.4 Kg	275.94
50.8 Kg	275.94
63.5 Kg	303.04
76.2 Kg	304.12
88.9 Kg	333.65
101.6 Kg	344.93
127.0 Kg	404.64
177.8 Kg	573.35
203.2 Kg	591.81
228.6 Kg	597.31

S1BF
FABRICATED ANVIL STAND

Infinity Anvil Stand - Made to suit any Anvil, Adjustable Feet - Anti Vibration Pads Optional Extra

Anvil Stand	Price
Anvil Stand	283.68

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S3
STAR STAKE PLATE

Cast iron plate with a range of star shaped holes to hold stakes in different vertical positions

MM	Inches	Price
762 x 203	30 x 8	392.16

S4
STAR STAKE PLATE STAND

A support for the Star Stake Plate

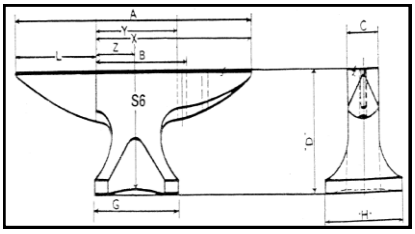
Plate to Suit	Price
30 x 8”	223.25

S6
DOUBLE BICK ANVIL

Solid steel Anvil for supporting hot metal as it is being hammered

Kgs	Cwt	Price
18.1		303.69
25.4		376.45
38.1		521.61
50.8	1 cwt	634.73
63.5	1.1/4 cwt	707.72
101.6	2 cwt	1103.15
177.8	3.1/2 cwt	1752.79
254.0	5 cwt	2433.60

DOUBLE BICK ANVIL SIZES



WT	A	B	C	D	G	H	L	X
18.1	15	6.1/4	2.3/8	6.1/2	7	6.1/2	4.1/4	10.3/4
25.4	17	6.1/8	2.7/8	7.1/2	7.1/2	6.1/2	5.1/4	11.3/4
38.1	22	8.1/2	3.1/2	8	8	7	6.1/2	15.1/2
50.8	24	9	2.5/8	9.1/2	9.1/4	8.1/2	7.1/4	16.3/4
63.5	24.3/4	9.1/4	3.3/4	10	9.1/4	9.1/4	7.1/4	17.1/2
101.6	32	12.3/4	4.5/8	12.1/2	11.3/4	11	10.1/2	21.1/2
177.8	39.1/2	14.1/2	5.1/2	15	14.1/4	12.1/2	12.3/4	26.3/4
254.0	43.3/4	15.3/4	6.1/4	16.1/2	15.3/4	14	14.1/4	29.1/2

WT	Y	Z	Sqr. Hole	Rnd Hole
18.1	5.5/8	3.1/2	5/8	3/8
25.4	5.3/8	3.1/2	¾	3/8
38.1	7.1/4	4.1/2	1.1/4	3/8
50.8	7.3/4	4.1/2	1.1/4	½
63.5	8	5	1.1/4	½
101.6	11.1/2	5.1/2	1.1/4	¾
177.8	13.3/4	7	1.1/4	¾
254.0	14.1/2	8	1.1/4	¾

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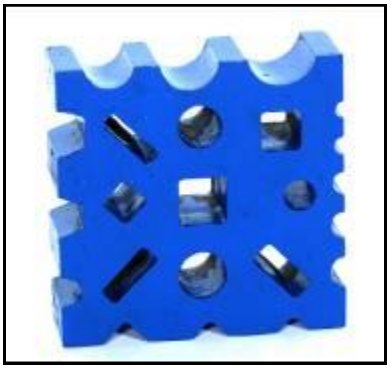
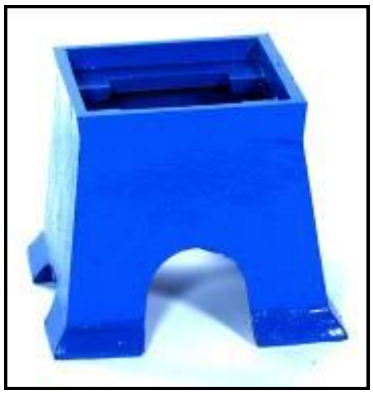


S10
SWAGE BLOCK

Cast iron shape with a series of graduated shaped cavities used for finish shaping of hot metal usually with the aid of top swaging tools (see S33)

Inches	Price
9 x 9 x 3”	208.77
12 x 12 x 4”	279.84
13 x 13 x 6	421.35
14 x 14 x 5	425.61
15 x 15 x 5	468.20
18 x 18 x 6	725.85
20 x 20 x 7	998.38
24 x 24 x 7	1334.19



S11
SWAGE BLOCK STAND

Cast iron structure to support the Swage Block vertical and horizontally

Inches	Price
9 x 9 x 3	393.29
12 x 12 x 4”	409.51
13 x 13 x 6	422.49
14 x 14 x 5	472.77
15 x 15 x 5	473.85
18 x 18 x 6	475.85
20 x 20 x 7	685.29
24 x 24 x 7	1037.32

S12
MANDREL CONE

Used to set and correct rings after they have been shaped and welded

Inches Height x Top Dia. x Bottom Dia.	Price
18 x 6 x 2	470.45
24 x 9 x 3	755.69
59 x 15 x 4	2162.19

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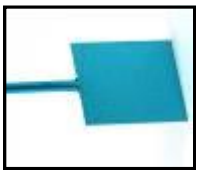

BLACKSMITHS FIRE SET

S13 –RAKE

S14 - POKER

S15 – SHOVEL

For handling hot coke

Description	Price
Rake	17.76
Poker	16.35
Shovel	25.12

S16
CLOSE MOUTH TONGS

For gripping flat narrow section hot metal

MM	Inches	Price
450	18	36.67
550	22	43.16
600	24”	71.55
914	36”	74.04
1219	48”	76.34

S17
OPEN MOUTH TONGS

For gripping a given thickness of hot metal

MM	Inches	Price
450	18	36.67
Available in sizes 6, 9, 13, 16 & 19mm		
550	22	43.16
Available sizes 13,16, 19 & 25mm		

S18
HOLLOWBIT TONGS

For gripping a given diameter of round hot metal

MM	Inches	Price
450	18	45.80
Available in sizes 6, 9, 13, 16 & 19mm		
550	22	48.66
Available in sizes 13, 16, 19, 22 & 25mm		

S18A
DIAMOND SQUARE TONGS

For gripping a given size of square hot metal diagonally

MM	Inches	Price
450	18	45.80
Available in sizes 6, 9, 13, 16, 19 & 25mm		
550	22	48.66
Available in sizes 6, 9, 13, 16, 19, 22 & 25mm		

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S19
DOUBLE HOLLOWBIT TONGS

For gripping a given diameter of round hot metal in both directions

MM	Inches	Price
450	18	50.07
Available in sizes 6, 9, & 13mm		
550	22	50.83
Available in sizes 6 & 13mm		

S20
BOLT TONGS

For gripping given diameters of round hot metal (typically when forging bolts)

MM	Inches	Price
450	18	45.80
Available in sizes 6, 8, 9, 10, 13, 16 & 19mm		
550	22	48.52
Available in sizes 6, 9, 13, 16, 19, 22 & 25mm		

S21
PICK UP OR DANDY TONGS

For gripping unusual shapes of hot metal

MM	Inches	Price
450	18	52.99
550	22	56.24

S22
UNIVERSAL TONGS

For gripping flat, thick, thin or round hot metal

MM	Inches	Price
450	18	46.78
550	22	48.67

S23
SQUARE MOUTH TONGS

For gripping given sizes of hot metal

MM	Inches	Price
450 x 13	18 x ½	59.43
450 x 16	18 x 5/8	59.43
550 x 19	22 x ¾	80.73

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S24
SIDE MOUTH TONGS

For gripping given thickness of hot metal at its edges

MM	Inches	Price
450	18	49.53
Available in sizes 6, 13, 19, & 25mm		
550	22	52.46
Available sizes 6, 13, 19 & 25mm		

S25
FLAT MOUTH TONGS

For gripping given sizes of hot metal sections

Inches	Price
18 x 1 x ¼	58.67
22 x 1 x ¼	60.56
22 x 1 x ½	78.84

S26
ROUND MOUTH TONGS

For gripping given diameters of hot metal (typically when forging shackles)

MM	Inches	Price
450 x 19	18 x ¾	58.62
550 x 25	22 x 1	79.49

S27
RIVET TONGS

For gripping hot rivets side ways on

MM	Inches	Price
450	18	45.83
Available in sizes 6, 9, 13, & 19mm		
550	22	48.67
Available sizes 6, 9, 13, & 19mm		

S28
FARRIERS TONGS
MILD STEEL

For gripping given sizes of horseshoes

MM	Inches	Price
380	15	40.45
Available in sizes 6, 8, 9, 11, & 13mm		
450	18	40.72
Available in sizes 6, 8, 9, 11, & 13mm		
550	22	48.67
Available in sizes 6, 8, 9, 11 & 13mm		

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S28S
FARRIERS TONGS
STAINLESS STEEL
For gripping given sizes of horseshoes

MM	Inches	Price
380	15	54.62
Available in sizes 6, 8, 9, 11, & 13mm		
450	18	82.62
Available in sizes 6, 8, 9, 11, & 13mm		
550	22	84.79
Available sizes 13, 19 & 25mm		

S29
BAND JAW TONGS

For gripping given sizes of hot metal in areas of restricted access

MM	Inches	Price
450	18	49.75
Available in sizes 6, 9 & 13mm		
550	22	52.46
Available sizes 13, 19 & 25mm		

S30
ROUND SIDE MOUTH TONGS

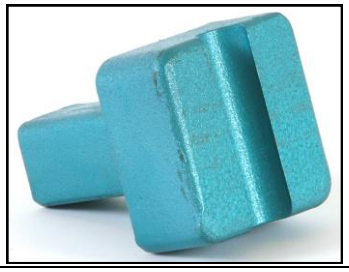
For gripping given diameters of round hot metal in areas of restricted access

MM	Inches	Price
450	18	58.83
Available in sizes 13, 19, & 25mm		
550	22	61.32
Available sizes 13, 19 & 25mm		

S31
BOW TONGS

For gripping and dragging given diameters of round hot metal

MM	Inches	Price
450	18	45.97
Available in sizes 25 & 38mm		
550	22	48.56
Available sizes 51, 63 & 76mm		



S32
BOTTOM SWAGE

Used with a Top Swage for reducing or drawing down round bar

Sizes	Price
Available in 6, 9, 12, 16, 19, 22 & 25mm	47.59

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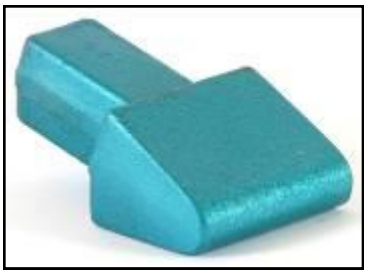
S33
TOP SWAGE

Used with a Bottom Swage for reducing or drawing down round bar

Sizes	Price
Rodded Available in 6, 9, 12, 16, 19, 22 & 25mm	60.45
Wooden Handle Available in 6, 9, 12, 16, 19, 22 & 25mm	53.27



S34
BOTTOM FULLER

Fits into anvil hardie hole and is used with top tool to increase metal in length

Sizes	Price
Available in 6, 9, 12, 16, 19, 22 & 25mm	47.20

S35
SQUARE FLAT SET HAMMER

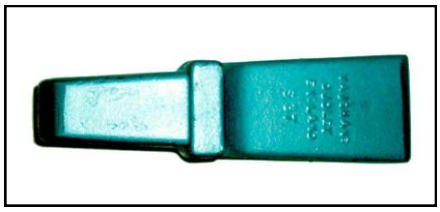
Driven by a hammer – Ideal for fine flattening (eg. Producing a defined shoulder on a stepped forging)

Sizes	Price
38mm Rodded	64.79
38mm Wooden Handle	55.43
Head Only	49.75

S36
SQUARE FLAT FLATTER

For finishing wide surfaces in conjunction with Anvil workface. Helps remove hammer markings

Sizes	Price
64mm Rodded	54.83
64mm Wooden Handle	58.73
Head Only	45.42



S37
HARDIES / CROPPERS

A cutting tool which fits into the Anvil hole

Description	Price
31mm Shank Hardie	29.47
Other Shanks Hardie	40.89
Shoe Cropper	40.89

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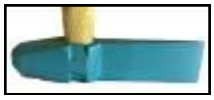
S38
TOP FULLER

Used with a bottom tool to quickly thin or lengthen hot metal

Sizes	Price
Rodded Available in 6, 9, 12, 16, 19, 22 & 25mm	56.12
Wooden Handle Available in 6, 9, 12, 16, 19, 22 & 25mm	53.77



S39
HOT SET

To cut hot metal

Sizes	Price
3LB Rodded	53.54
3LB Wooden Handle	49.75

S40
COLD SET

To cut cold metal without blunting

Sizes	Price
3LB Rodded	53.87
3LB Wooden Handle	48.29

S43
FLAT CUT CHISEL

For detailed cutting of hot metal

MM	Inches	Price
102 x 6	4 x ¼	4.37
127 x 9	5 x 3/8	4.56
152 x 9.5	6 x 3/8	4.57
152 x 13	6 x ½	4.84
203 x 13	8 x ½	5.01
254 x 13	10 x ½	5.13
254 x 19	12 x ½	5.30
254 x 22	18 x ½	6.86
254 x 25	24 x ½	7.14

S44
CROSS CUT CHISEL

For detailed cutting of hot metal

MM	Inches	Price
102 x 6 x 3	4 x ¼ x 1/8	4.88
127 x 9 x 4	5 x 3/8 x 3/16	5.10
152 x 13 x 6	6 x ½ x ¼	5.49
203 x 13 x 6	8 x 1/2 x ¼	5.72
203 x 6 x 9	8 x ¾ x 3/8	7.09
229 x 22 x 11	9 x 7/8 x 7/16	10.37

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S45
DIAMOND CUT CHISEL

For detailed cutting of hot metal

MM	Inches	Price
102 x 6 x 3	4 x ¼ x 1/8	4.89
152 x 6 x 3	6 x 1/4 x 1/8	5.10
152 x 13 x 6	6 x ½ x ¼	5.49
178 x 16 x 8	7 x 5/8 x 5/16	5.88
203 x 6 x 9	8 x ¾ x 3/8	7.19
254 x 25 x 12	10 x 1 x ½	11.48

S46
HALF ROUND CHISEL

For detailed cutting of hot metal

MM	Inches	Price
102 x 9 x 4	4 x 3/8 x 3/16	5.09
152 x 13 x 6	6 x ½ x ¼	5.49
176 x 16 x 8	7 x 5/8 x 5/16	5.88
203 x 6 x 9	8 x ¾ x 3/8	7.09

S47
ROUND PUNCH

Used to make round holes in hot metal

Sizes	Price
Rodded Available in 6, 9, 12, 16, 19, 22	52.02
25mm	91.93
Wooden Handle Available in 6, 9, 12, 16, 19, 22	56.99
25mm	73.55

S48
SQUARE PUNCH

Used to make square holes in hot metal

Sizes	Price
Rodded Available in 6, 9, 12, 16, 19, 22 & 25mm	46.40
Wooden Handle Available in 6, 9, 12, 16, 19, 22 & 25mm	50.39

S50
TAPER DRIFT

Used to widen punched holes

MM	Price
13 x 250 x 6.5	10.84
16 x 180 x 8	11.66
19 x 200 x 9.5	12.97
22 x 230 x 11	15.60
25 x 250 x 12.5	19.39
26 x 250 x 13	20.28
28 x 250 x 16	21.29
32 x 250 x 16	23.49
38 X 250 X 19	29.18

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S50A
BARREL DRIFT

Used to widen punched holes

MM	Inches	Price
13	½	9.50
16	5/8	10.15
19	¾	10.85
22	7/8	12.70
25	1	16.50
28	1.1/8	18.99
32	1.1/4	19.50
38	1.1/2	25.60

S50C
CARROT DRIFT

Used to widen punched holes

MM	Inches	Price
13	½	10.40
16	5/8	11.50
19	¾	15.82
22	7/8	15.82
25	1	18.65
28	1.1/8	21.48
32	1.1/4	22.50
38	1.1/2	27.75

S52
DOUBLE FACED SLEDGE HAMMER

For striking and general forging hammer blows where extra force is needed

KGS	Price
1	19.69
1.25	20.29
1.5	21.80
2	26.83
3	41.76
4	47.53
5	57.59
6	58.35
8	93.48

S53 BALL PEIN HAMMER

For local flaring and general hammer blows

GMS	OZS	Price
100	4	13.95
225	8	14.92
340	12	15.36
450	16	17.20
500	18	19.04
600	21	19.57
700	24	20.00
800	28	22.06
900	32	23.00
1137	40	26.39
1364	48	32.29

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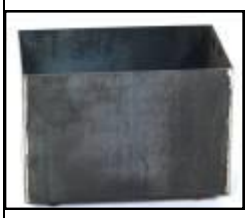
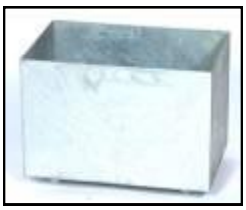
S54
CROSS PEIN HAMMER

For thinning, lengthening and general hammer blows

GMS	OZS	Price
100	4	15.06
225	8	16.53
340	12	17.36
450	16	19.46
500	18	20.40
600	21	22.06
700	24	23.63
900	32	28.59





S56
WATER TROUGH

Permanent water tank for rapid cooling of tools and workpieces

Description (mm)	Price
450 x 300 x 300	
Mild Steel	51.92
Galvanised	69.22
600 x 300 x 300	
Mild Steel	54.08
Galvanised	71.38

S60
LEG VICE

For holding metal during heavy bending and sledge hammering – The leg absorbs the shock

MM	Price
150	271.95

S71
LEG VICE AND STAND

For holding metal during heavy bending and sledge hammering complete with a steel stand which can be bolted to the floor – The leg absorbs the shock

MM	Price
150	525.61

S71A
LEG VICE STAND ONLY

To support the Leg Vice

To Suit	Price
150mm Leg Vice	204.40

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S71P
PARALLEL VICE

Parallel Vice with two welded jaws for clamping steel – guarantees precision parallel clamping With Small Anvil & Jaw Opening Scale

	MMS	Price
Jaw Width	140	211.39
Vice Height	178	
Jaw Depth	98	
Jaw Opening	200	
Length	475	
Base Dia.	182	
Anvil Size	90x95	

S72 HAND LEVER METAL SHEARS

PLATE	SHEET METAL	BLADE LENGTH	PRICE
4 mm	50 X 4 mm	120mm	106.80
5mm	50 X 5mm	150mm	112.20
6mm	70 X 6mm	180mm	139.24
5mm	70 X 4mm	300mm	265.78

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JEWELLERS KIT
For work in delicate and precious metals requiring fine finishes

S73 – STAKE HOLDER

S74 – ANVIL STAKE

S75 – BUTTON HEAD

S76 – BRACLET HEAD

S77 – FLAT TAPER HEAD

S78 – CUP HEAD

Description	Price
Stake Holder Length o/a – 7” with 3/4” Square Fitting	28.50
Anvil Stake O/a Length – 5”	48.50
Button Head Working Surface – 2.1/8” Dia	48.50
Bracelet Head Working Surface – 4.1/2 x 1.1/4”	48.50
Flat Taper Head Working Surface – 1.3/4” Dia.	48.50
Cup Head Working Surface – 1.1/2” Dia.	48.50
Complete Set	215.24

S98
FOLDING BAR

For general folding of given lengths

MM	Inches	Price
150	6	18.44
177	7	18.44
200	8	18.44
225	9	18.44
250	10	18.44
300	12	18.44
355	14	18.44
406	16	19.47
450	18	19.47
508	20	19.47
550	22	19.47

S100
CREASING WITH HORN

For turning, wiring and beading work

Size	KGS	LBS	Price
1	5.45	12	244.40
2	6.82	15	249.83

S103
BICK IRON

For shaping round and flat surface work, straight, bending and corner seam closing

No	Kgs	Length O/a (“)	Face Width	Price
1	3.64	13.3/4	1.1/2	174.12
2	4.55	17.3/4	1.1/2	174.12
3	5.45	15.3/4	1.3/4	181.69
4	6.82	19.3/4	1.3/4	189.26
5	9.09	27.7/8	1.3/4	254.15
6	11.36	24.7/8	2	268.21
7	13.64	28.3/4	2	274.70

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S104
PIPE STAKE

For forming tubes and pipes, and closing seams

No	Kgs	Length O/a (“)	Pipe Dia. (“)	Price
1	4.55	15.3/4	1.1/2	122.64
2	6.82	17.3/4	1.3/4	127.62
3	9.09	21.5/8	1.3/4	189.27

S105
SIDE STAKE

For forming tubes and pipes, and closing seams

No	Kgs	Length O/a (“)	Side Dia. (“)	Price
1	4.55	11.3/4	1.1/2	125.29
2	6.82	13	1.3/4	135.19
3	9.09	17	1.3/4	181.69
4	11.36	17	2	189.21

S106
FUNNEL STAKE

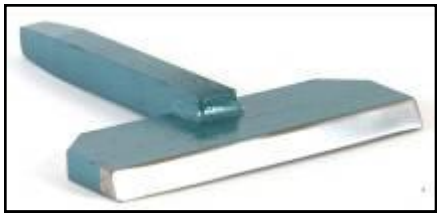
For forming cones and trueing bases of bowls

No	Kgs	Length O/a (“)	Shank (“)	Price
1	3.65	9	1.1/4	123.29
2	6.82	10	1.1/2	124.37

S107
TINMANS ANVIL

For forming and trueing boxes and curved objects

No	Kgs	Working Surface (“)	Face Depth (“)	Price
1	2.27	2 x 2.1/4	5/8	127.29
2	4.55	2.1/4 x 2.1/2	1	137.35
3	6.82	3 x 3.1/4	1	146.00
4	9.09	3.1/2 x 4	1	167.63



S108
HATCHET STAKE

For forming acute angle bends and making seamed joints

No	Kgs	Blade Lenth (“)	Shank (“)	Price
1	1.82	4	1.1/4	94.09
2	3.18	6.5/8	1.1/4	107.97
3	3.64	7.7/8	1.1/4	123.18
4	4.55	10	1.1/4	132.70
5	5.45	11.3/4	1.1/4	149.25

S109
HALF MOON STAKE

For forming circular bases with seamed joint

No	Kgs	Head Dia. (“)	Shank (“)	Price
1	1.82	2	1.1/4	70.51
2	2.73	2.1/2	1.1/4	75.65

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S110
CANNISTER STAKE

For trueing and turning edges on circular bases

No	Kgs	Face Dia. (“)	Shank (“)	Price
1	1.82	2	1	80.03
2	2.73	2.1/2	1.1/4	85.44
3	3.64	2.3/4	1.1/4	91.93
4	4.55	3.1/4	1.1/4	96.25
5	6.82	3.1/2	1.1/2	105.99

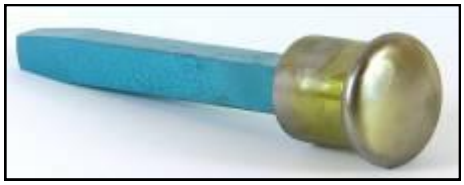
S110B
DOME HEAD STAKE

Long shank for working bases of deep vessels and bowl shapes

No	Kgs	Face Dia. (“)	Shank (“)	Price
1	1.82	2	1	79.38
2	2.73	2.3/8	1.1/4	82.19
3	3.64	2.7/8	1.1/4	88.68
4	4.55	3.1/4	1.1/4	95.17
5	6.82	3.5/8	1.1/2	103.82

S11C
PEPPERBOX STAKE

No	Kgs	Face Dia. (“)	Shank (“)	Price
1	1.82	2	1	99.73
2	2.73	2.3/8	1.1/4	94.64
3	3.64	3	1.1/4	101.66
4	4.55	3.1/8	1.1/4	107.07
5	6.82	3.1/2	1.1/2	127.62



S110D
MUSHROOM HEAD STAKE

For small curved domed work

No	Kgs	Face Dia. (“)	Shank (“)	Price
1	1.82	1.3/4	1	85.28
2	2.73	2.3/8	1.1/4	90.85
3	3.64	2.5/8	1.1/4	102.21
4	4.55	3.1/8	1.1/4	110.16
5	6.82	3.1/2	1.1/2	115.55

S110E
BALL HEAD STAKE

For Blending contour, turning bowl ends and forming spout junctions

No	Kgs	Face Dia. (“)	Shank (“)	Price
1	1.82	2	1	91.28
2	2.73	2.3/8	1.1/4	100.04
3	3.64	3	1.1/4	105.18
4	4.55	3.1/8	1.1/4	116.75
5	6.82	3.3/8	1.1/2	128.32

S110F
OVAL HEAD STAKE

For shaping spoons etc.

No	Kgs	Face Dia. (“)	Shank (“)	Price
1	1.82	2	1	91.32
2	2.73	2.1/2	1.1/4	100.03
3	3.64	2.3/4	1.1/4	105.61
4	4.55	3.1/4	1.1/4	116.75
5	6.82	3.5/8	1.1/2	128.66

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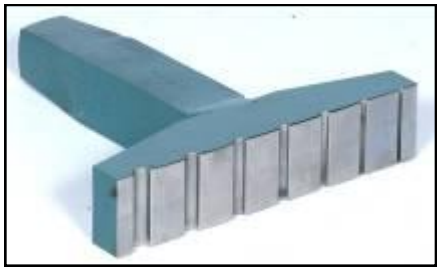
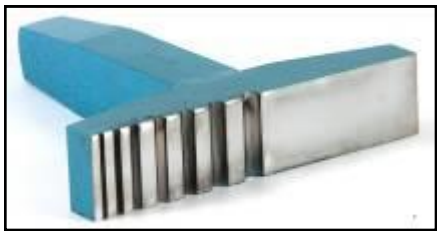


S111
GROOVING STAKE

Has a variety of semi-circular grooves useful in forming beads and edges

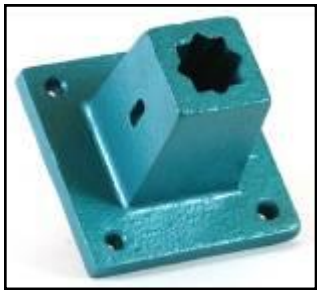
No	Kgs	Working Surface (“)	Shank (“)	Price
1	3.64	8.1/2 x 1.1/2	1.1/4	180.62
2	4.55	9 x 1.3/4	1.1/2	180.62
3	5.45	9 x 2	1.3/4	194.57
4	6.36	9.1/4 x 2	1.3/4	196.30



S112
CREASING IRON

General purpose flat face plus grooves for grooving and trueing on one tool

No	Kgs	Working Surface (“)	Shank (“)	Price
1	3.64	8.1/2 x 1.1/2	1.1/4	180.62
2	4.55	9 x 1.3/4	1.1/2	189.62
3	5.45	9 x 2	1.3/4	194.57
4	6.36	9.1/4 x 2	1.3/4	196.30



S113
STAKE HOLDER & KEY

A firm base for all long shanked stakes, comes with key to dislodge stakes

Description	Price
Stake Holder & Key	165.18

S114
TINMANS HORSE

Holds Tinmans Horse Heads in either of two positions with maximum clearance

Description	Price
Tinmans Horse	107.02

S114AM
ART METAL HORSE

Holds Art Metal Horse Heads

Description	Price
Art Metal Horse ¾” Square Hole 1.1/4” Shank	53.11

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S114 A – H
ART METAL HORSE HEADS
For working delicate items with a fine finish

A - TAPER ROUND FLAT

B - LONG TAPER SADDLE

C - SHALLOW ROUND BUTTON

D - MINIATURE ANVIL

E - ROUND DOME

F - DOMES SADDLER

G - MINIATURE TINMANS ANVIL

H - DEEP ROUND MUSHROOM

Description	Price
Taper Round Flat Face Dia. - 1.3/4”	36.91
Long Taper Saddle Face Size – 2.1/8 x 1.1/2”	36.91
Shallow Round Button Face Dia. – 2.1/8”	36.91
Miniature Anvil Length – 5.1/4” Width – 1”	36.91
Round Dome Face Dia. – 2.1/8”	36.91
Domes Saddler Face Size – 2.3/8 x 1.1/2”	36.91
Miniature Tinmans Anvil Face Size – 1.3/4 x 1.5/8”	36.91
Deep Round Mushroom Face Dia. – 2.1/8”	36.91
Complete Set of 8 Heads With Art Metal Horse	328.39

S115 – S120
TINMANS HORSE HEADS

S115 – OVAL FLAT HORSE HEAD

S116 – SHALLOW OBLONG HEAD

S117 – DEEP OBLONG HEAD

S118 – ROUND FLAT HEAD

S119 – SHALLOW ROUND HEAD

S120 – DEEP ROUND HEAD

S122 – SADDLE HORSE HEAD

S156 – SQUARE HORSE HEAD

S157 – LONG HORSE HEAD

Description	Price
Oval Flat Horse Head Face Dia. - 2”	46.41
Shallow Oblong Head Face - 3.3/4” o/a	46.41
Deep Oblong Head Face – 3.3/4 o/a	46.41
Round Flat Head Face Dia. – 2”	46.41
Shallow Round Head Face Dia. – 2”	46.41
Deep Round Head Face Dia. – 2”	46.41
Saddle Horse Head Face – 3” x 2”	46.41
Square Horse Head Face – 1.3/4” x 1.3/4”	46.41
Long Horse Head Face – 3.3/8” x 1.3/4”	46.41
Complete Set of 9 Heads	370.95

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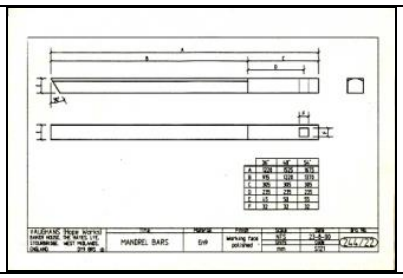

S121
MANDREL BAR

For forming or working on cylindrical objects

MM	Inches	Price
700		438.01
914	36	445.10
1219	48	584.87
1372	54	748.50

S123
BLOCKING HAMMER
(2 ROUND FACES)

GMS	OZS	Price
250	9	29.91
375	13	31.14
500	18	33.75
750	26	43.58
1000	35	60.78

S124
PLANISHING HAMMER

Used in shaping and forming. One head has a flat face the other is bevelled.

GMS	OZS	Price
200	7	32.88
375	13	34.40

S125
BLOCKING HAMMER
(ROUND & SQUARE)

GMS	OZS	Price
200	7	30.01
300	11	31.64
375	13	33.37
500	18	34.40

S127
SMOOTHING HAMMER

GMS	OZS	Price
250	9	34.40
375	13	34.83
500	18	35.36
750	26	54.54
1000	35	62.62

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S129
CREASING HAMMER

Has rounded angle faces for forming grooves on creasing or grooving stakes.

GMS	OZS	Price
200	7	34.40

S130
HOLLOWING HAMMER

For forming small bowl shapes

GMS	OZS	Price
175	6	31.85
250	9	33.04
375	13	33.95
500	18	34.40
1000	35	59.38

S131
COLLET HAMMER
Used to restore a panels shape

GMS	OZS	Price
284	10	37.70

S132
SMITHS HAND HAMMER

KGS	GMS	Price
15	1500	41.10

S133
RAISING HAMMER

Used in raising sheet metal

GMS	OZS	Price
250	9	34.40
375	13	34.49
500	18	34.71

S134
TINMANS MALLET (HARDWOOD)

Particulary useful for shaping aluminium or thin sheet steel over a former

MM	Inches	Price
50	2	38.56
76	3	54.78

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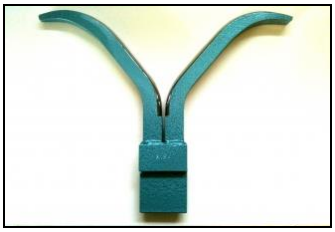
S134
TINMANS MALLET (PLASTIC)

Particulary useful for shaping aluminium or thin sheet steel over a former

MM	Price
50	25.74
63	31.42
70	34.66
80	47.20

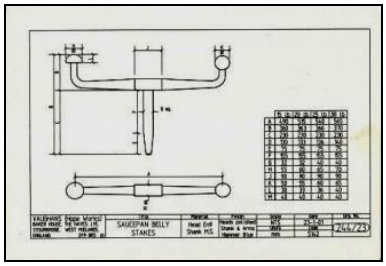
S135
BOSSING MALLET
Used for shaping and stretching metal over a sandbag or wooden block

MM	Price
50	24.01
60	26.67
70	31.14



S136
COWS TONGUE STAKE

Description	Price
Cows Tongue Stake	324.40

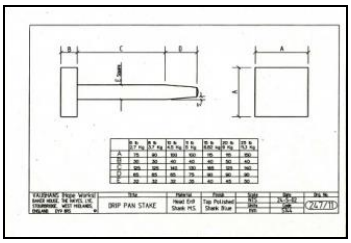


S142
SAUCEPAN BELLY STAKE

No	KGS	Ball Dia. (“)	Price
1	6.82	2.1/4	319.10
2	9.09	2.1/2	367.28
3	11.36	2.3/4	387.02
4	13.64	3.1/4	400.00

S143
TEA KETTLE BOTTOM STAKE

No	KGS	Working Surface (“)	Price
1	2.73	6 x 1.1/2	84.63
2	4.55	6.3/4 x 1.3/4	86.78



S144
DRIP PAN STAKE (SQUARE)

No	KGS	Working Surface (“)	Price
1	2.76	3 x 3	59.59
2	3.64	3.1/2 x 3.1/2	67.41
3	4.55	4 x 4	110.04
4	6.82	4.3/8 x 4.3/8	154.43
For one round end add 35%			

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S145
BLOWHORN STAKE

Large horn for shaping abrupt taper funnels. Smaller horn shapes taper tubes.

No	Kgs	Length O/a (“)	Shank (“)	Price
1	6.82	20.7/8	1.1/2	218.46
2	11.36	23.5/8	1.3/4	236.46

S146
CANDLEMOULD STAKE

Has long taper and short taper horns for tube shaping or forming and general purposes.

Description	Price
Candlemould Stake	159.97

S147
SCROLLING HORN

For beginning the scroll.

Description	Price
Scrolling Horn 1.3/4” Prongs Distance Between Prongs – 5/8”	35.31

S148
SCROLLING IRONS

For forming the scroll

MM	Inches	Price
57	2.1/4	37.85
89	3.1/2	39.48
127	5	41.42

S149
SINGLE ENDED WRENCH

For gripping metal as it is levered in the Scrolling Irons

Description	Price
Single Ended Wrench	20.00

S150
DOUBLE ENDED WRENCH

For gripping metal as it is levered in the Scrolling Irons

Description	Price
Double Ended Wrench	34.99

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S151
SCROLLING PLIERS

For holding hot metal while it is used with the scroll making tools

Description	Price
Scrolling Pliers	39.25

S152
DOUBLE ENDED SIDE STAKE

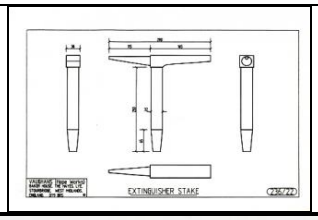
Two round horns for shaping, forming or seaming pipe, tubes, cylinders

No	Kgs	Length O/a (“)	Side Dia. (“)	Price
1	6.82	17	1.1/2	150.33
2	9.09	17	1.3/4	158.93
3	11.36	17.3/4	2	184.78
4	13.64	17	2.1/2	212.25

S154
FUNNEL & SIDE STAKE

Forming of small cones, trueing of rings and cylindrical work

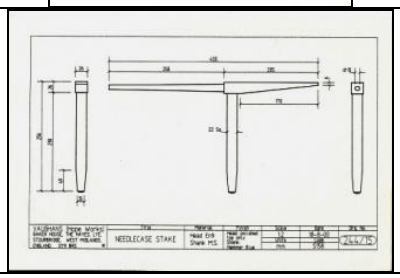
No	Kgs	Length O/a (“)	Side Dia. (“)	Price
1	6.82	19.5/8	1.1/2	227.39
2	9.09	19.5/8	1.3/4	238.33
3	11.36	22	1.3/4	247.61
4	13.64	21.5/8	2	250.22



S155
EXTINGUISHER STAKE

For bending and trueing

Size	KGS	LBS	Price
1	3.64	8	172.99



S158
NEEDLECASE STAKE

For shaping fine round and flat surface work, bending and corner seam closing

Description	Price
Needlecase Stake	149.95

Email – sales@anvils.co.uk Website: www.anvils.co.uk

S159
RIVETTING HAMMER

A hammer with a special head for securing rivets

GMS	Price
50	12.84
100	12.84
200	12.84
300	14.05
400	15.50
500	16.28
600	19.71
800	22.45
1000	26.45
1250	35.33
1500	35.33
2000	45.39

S160
STRETCHING HAMMER

For raising and planishing shaped cylindrical work

GMS	OZS	Price
500	18	34.40

S162
SNARLING IRON

Used in the process of Snarling, when one end is held in a vice and the shank is struck with a hammer, the repercussion of the other end, or beak, within the article worked upon gives the requisite blow for producing raised work

Description	Price
Snarling Iron	91.88

S163
REPOUSSE HAMMER

Used for decorative work involving embossing

GMS	OZS	Price
114	4	41.20

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S166
FARRIERS SHOE TURNING HAMMER

Used in the making of horseshoes

LB	OZS	Price
2	32	42.72

S170
LEATHER SANDBAG

Used for support during fine hammer work on sheet metal

MM	Inches	Price
152	6	26.95
203	8	33.30
229	9	38.97
254	10	48.25
304	12	52.20
357	14	80.10
406	16	104.15
457	18	139.86

S201
HATCHET PATTERN SOLDERING IRONS

Copper head for applying solder to the joint

GMS	OZS	Price
114	4	27.80
227	8	31.40
341	12	36.34
454	16	40.76
680	24	54.56
909	32	59.55

S202
STRAIGHT PATTERN SOLDERING IRONS

Copper head for applying solder to the joint

GMS	OZS	Price
57	2	23.52
114	4	25.07
114 Long	4 Long	26.68
227	8	28.95
341	12	31.68
454	16	35.49
568	20	40.32
680	24	47.30
795	28	48.59
909	32	52.00
1136	40	59.16
1364	48	70.85

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

S202-LPG
LPG SELF HEATING SOLDERING IRON

LPG Self heating Soldering Iron comes with 1.5 metres of hose and 2 double eared clips

GMS	OZS	Price
114	4	136.68
Replacement Head		26.44

S302
MILD STEEL MELTING POT

To hold Lead and other non-ferrous low temperature metals during melting

MMS	Inches	Price
102	4	19.95
152	6	23.52
203	8	27.80
254	10	43.21

S309
HAND GROOVER

For hammering given diameters into sheet metal

MMS	Inches	Price
3.2	1/8	21.47
4.8	3/16	21.47
6.4	¼	21.47
8.0	5/16	26.99
9.5	3/8	26.99

S310
HOLLOW PUNCH

For punching holes in leather, paper, plastic, wood etc.

MMS	Inches	Price
3	1/8	7.73
5	3/16	7.73
6	¼	8.12
8	5/16	8.12
10	3/8	8.43
11	7/16	9.84
13	½	9.84
16	5/8	11.62
19	¾	13.36
22	7/8	15.09
25	1	22.55

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VAUGHANS (Hope Works)

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

S311
COMBINED SET UP & SNAP

Used in sequence to form a domed rivet

MMS	Inches	Price
2.4	3/32	9.46
3.2	1/8	9.46
4.0	5/32	10.22
4.8	3/16	10.22
6.4	¼	13.84

S311A
SINGLE RIVET SET UP

Used to set up the rivet

MMS	Inches	Price
2.4	3/32	7.46
3.2	1/8	7.79
4.8	3/16	9.24
6.4	¼	9.24

S311B
CENTRE PUNCH

For the accurate marking of centres prior to drilling

Sizes	Price
Available in 1/16, 3/32, 1/8, 5/32, 3/16 & ¼”	6.06

S311C
WAD PUNCH

Used to cut perfectly round holes in soft material such as leather, plastic, rubber and card.

MMS	Inches	Price
6.4	¼	9.51
8.0	5/16	9.79
9.5	3/8	9.79
11.1	7/16	10.61
12.7	½	10.61
15.9	5/8	12.22
19.0	¾	13.30
22.0	7/8	14.49
25.0	1	15.84
31.7	1.1/4	22.18
38.1	1.1/2	29.14
50.8	2	56.99
63.8	2.1/2	117.78

S313
CHIPPING BLOCK

MMS	Price
152 x 153 x 25	14.11
229 x 229 x 25	23.72
250 x 200 x 50	45.64
305 x 229 x 25	48.64
305 x 305 x 50	60.47

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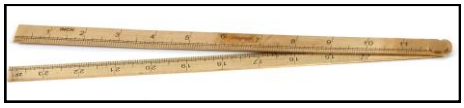
VAUGHANS (Hope Works)

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



S315
BRASS RULE

Folding rule 24” with metric graduations too

Description	Price
Brass Rule	27.04

SAFETY EQUIPMENT

F228-HD4 – SAFETY GOGGLES

F228-ED1 – EAR DEFENDERS

F222 – LEATHER APRON

F224-457 - LEATHER GLOVES

Description	Price
Standard Safety Goggles	215.25
Ear Defenders	4.85
Leather Apron	15.36
18” Leather Gloves	21.37

WIRE BRUSHES

JUMBO BLOCK BRUSH

WIRE BRUSH

BUTCHERS BLOCK BRUSH

Description	Price
Jumbo Block Brush	20.95
Wire Brush	19.45
Butchers Block Brush	13.80

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BLACKSMITHS APRONS

Continental

This heavy duty apron is worn by professional blacksmiths in many countries. It features the 'continental backstrap' that takes the weight of the apron off the neck down to the waistband. It is made in best quality oiled grain leather and is available with straight or 'scoop' neck on the bib (scoopneck is pictured).

Style	Unit Price
Continental Grain Leather – 22" Long 24" Across	173.02
Continental Scoop Neck in Grain Leather	173.02

Blacksmiths Style 'A'

This split apron is available in heavy suede or oiled grain. This enables the blacksmith to stand over a large bar while working on it without being restricted by the apron. A neck strap normally holds the bib but the continental back strap is also available at extra cost. The waist is normally secured with ties but a belt and buckle is also available at an extra cost.
Style 'A' is also available as a welders apron.

Style	Unit Price
'A' Heavy Suede 32" Long	145.27
'A' Welders Apron 36" Long	145.27

Blacksmiths Style 'B'

The style 'B' is a light duty apron made in regular suede. The apron is cut in one piece secured at the waist with a tie. The bib is supported with a neck strap. It is available in two lengths.

Style	Unit Price
'B' Blacksmiths Apron 22" Long	98.55
'B' Blacksmiths Apron 32" Long	107.31
'B' Blacksmiths Apron with Pockets	107.31

Blacksmiths Style 'C'

The Style 'C' is a very simple apron designed for bench work. It is made in regular suede and supported by a 1" suede belt and roller buckle, or ties.

Style	Unit Price
'C Blacksmiths Apron 14" Long	62.06

GN2052
TWIN BURNER SOLDERING STOVE

Allows Soldering Irons to be kept at working temperature without being burnt

Description	Price
GN2052	582.75
Available in Natural Gas or LPG	

2052B
REFACTORY LINING FOR GN2052 SOLDERING STOVE

Replacement bricks for GN2052 Twin Burner Soldering Stove

Description	Price
Top Brick	152.49
Bottom Brick	152.49

SFH 213 PORTABLE HAND CRANKED FORGE

18” (457MM) Dia. Forge Firepan

Including: DT53 Tue Iron
DT80 Distance Piece
V40 Hand Cranked Fan

UNIT PRICE £ 993.05

SFH 219 PORTABLE HAND CRANKED FORGE

24" (609MM) Dia. Forge Firepan

Including: DT53 Tue Iron
DT80 Distance Piece
V40 Hand Cranked Fan

UNIT PRICE £ 1,057.86

SFP 219 PORTABLE FORGE

24” (609MM) Dia. Forge Firepan
1 Phase – 230V

Including:

- DT53 Tue Iron
- DT80 Distance Piece
- Fan Assembly
- Slide Valve

UNIT PRICE £ 720.51

SFH 237 PORTABLE HAND CRANKED FORGE

30” x 24” (762 x 609MM) Forge Firepan

Including: DT68 Tue Iron
DT81 Distance Piece
V40 Hand Cranked Fan

UNIT PRICE £ 1,017.71

SFP 238 PORTABLE FORGE

30” x 24” (762 x 609MM) Forge Firepan
1 Phase – 230V

Including:

DT68 Tue Iron
DT81 Distance Piece
Fan Assembly
Slide Valve

UNIT PRICE £ 625.15

Email – sales@anvils.co.uk Website: www.anvils.co.uk

SFPBB – BOTTOM BLAST FORGE

Including: 12” Round Firepot
Fan Assembly
Slide Valve

UNIT PRICE - £ 1,294.26

Email – sales@anvils.co.uk Website: www.anvils.co.uk

VAUGHANS (Hope Works)

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

PORTABLE FORGE SPARES

AL-V40
V40 HAND CRANKED FAN

Description	Price
V40 Hand Cranked Fan	719.46

DRY TUE IRONS

AL-DT53
DT53 TUE IRON

Curved

AL-DT68
DT68 TUE IRON

Flat

Description	Price
DT53 Tue Iron	132.25
DT68 Tue Iron	132.25

DISTANCE PIECE

AL-DT80DP
DT80 DISTANCE PIECE

AL-DT81DP
DT81 DISTANCE PIECE

Description	Price
DT80 Distance Piece	91.56
DT81 Distance Piece	69.92

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VAUGHANS (Hope Works)

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

SFP1 SOLID FUEL FORGE

1 Metre Square Firepan

Single Phase
Including:
T12 Tue Iron & Water Bosh
HB2 Breast Plate
230V Single Phase Fan Assembly
Slide Valve
Fan Mounting Plate

or

Three Phase
Including:
T12 Tue Iron & Water Bosh
HB2 Breast Plate
420V Three Phase Fan Assembly
Slide Valve
Fan Mounting Plate

SINGLE PHASE
£ 1,643.55

THREE PHASE
£ 1,767.66

Stainless Steel / Galvanised Hoods & Chimneys **P O A**

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VAUGHANS (Hope Works)

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

SFP2 SOLID FUEL FORGE

2 Metre x 1 Metre Firepan

Single Phase

Including:
2 x T12 Tue Iron & Water Bosh
2 x HB2 Breast Plate
2 x 230V Single Phase Fan Assembly
2 x Slide Valve
2 x Fan Mounting Plate

or

Three Phase

Including:
2 x T12 Tue Iron & Water Bosh
2 x HB2 Breast Plate
2 x 420V Three Phase Fan Assembly
2 x Slide Valve
2 x Fan Mounting Plate

SINGLE PHASE
£ 2,919.00

THREE PHASE
£ 3,043.95

Stainless Steel / Galvanised Hoods & Chimneys **P O A**

Email – sales@anvils.co.uk Website: www.anvils.co.uk

VAUGHANS (Hope Works)

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

FORGE SPARES

AL-T11 / T12 / T16 WATER COOLED CAST TUE IRON & WATER BOSH

An opening which air is forced into the forge to facilitate combustion

(See Sizes Below)

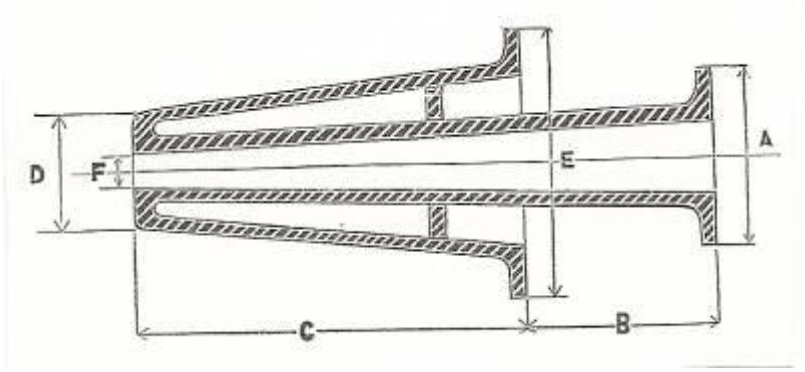
Description	Price
T11 Tue Iron	326.94
T11 Water Bosh	78.96
T11 Tue Iron & Water Bosh Assembly	475.86
T12 Tue Iron	427.19
T12 Water Bosh	78.96
T12 Tue Iron & Water Bosh Assembly	475.86

Awaiting Photo

AL-SEAL TUE IRON & WATER BOSH ASSEMBLY

Sealant and Bolts to join the Tue Iron & Water Bosh

Description	Price
Assembly Kit	17.33



Dimensions of Standard Tue Irons (“)						
Tue Iron	**A**	**B**	**C**	**D**	**E**	**F**
T11	5.1/2	4.3/4	13	4	8.5/16	1
T12	6.5/8	6.3/8	13.3/4	4.5/16	10.1/2	1.1/8

Dimensions of Standard Water Boshes (“)			
Water Bosh	**Length**	**Width**	**Height**
T11	16.3/4	4.7/8	17.1/2
T12	21	6.1/2	20.3/4

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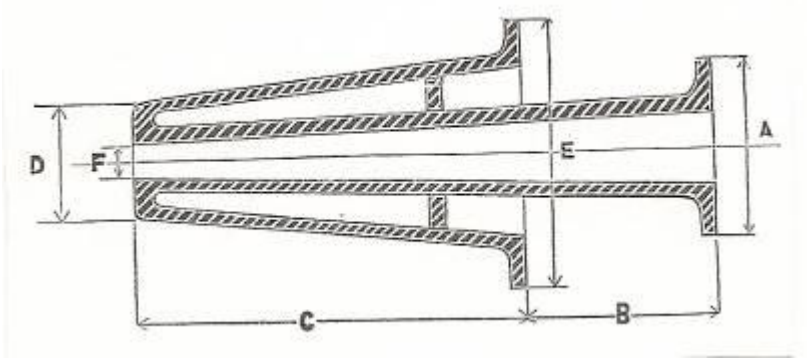
AL-T11 / T12 / T16 WATER COOLED FABRICATED TUE IRON & WATER BOSH

An opening which air is forced into the forge to facilitate combustion

(See Sizes Below)

Description	Price
T12 Tue Iron & Water Bosh Assembly	162.71



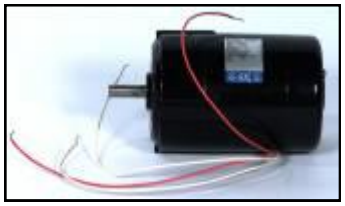
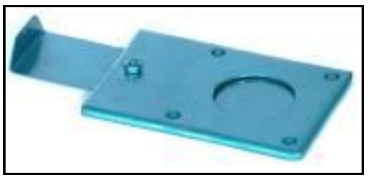
Dimensions of Standard Tue Irons (“)						
Tue Iron	**A**	**B**	**C**	**D**	**E**	**F**
T11	5.1/2	4.3/4	13	4	8.5/16	1
T12	6.5/8	6.3/8	13.3/4	4.5/16	10.1/2	1.1/8

Dimensions of Standard Water Boshes (“)			
Water Bosh	**Length**	**Width**	**Height**
T11	16.3/4	4.7/8	17.1/2
T12	21	6.1/2	20.3/4

VAUGHANS (Hope Works)

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

FORGE SPARES

	AL-MOTORND **MOTORISED FAN SET** 220 / 240V – 1 Phase 50Hz – 4000rpm – 1/4HP	**Description** / **Price** Motorised Fan Set / POA
	**AL-MOTOR** **MOTOR ONLY** 220 / 240V – 1 Phase 50Hz – 4000rpm – 1/4HP	**Description** / **Price** Single Phase / POA 3 Phase / POA
	AL-CB/RECN **CARBON BRUSHES** Replacement brushes for fan set	**Description** / **Price** Carbon Brushes / 30.28
	AL-IMP **IMPELLOR FAN** The rotating blade of a motor	**Description** / **Price** Impellor Fan / 36.50
	**AL-SVALVE** **SLIDE VALVE** A valve that slides back and forth over ports to control the airflow	**Description** / **Price** Slide Valve / 36.75

Email – sales@anvils.co.uk Website: www.anvils.co.uk

Coke Forge Fan Assembly

FAN-1PH 230V 50HZ 2POLE
CENTRIFUGAL SLIMLINE-ALOCROMINLET
GUARD-CAPACITOR BOX-3M LEAD
4mf CAPACITOR FOR SPEED CONTROL - **£ 267.70**

VARIABLE SPEED CONTROLLER 230V 1PH 50HZ

*NOTE - 230 VOLT REQUIRED -
£ 103.26

Prices exclude delivery and VAT

FORGE SPARES

BREAST PLATE

Cast plate to protect the chest of the forge

AL-HB2
HB2 BREAST PLATE

Description	Price
HB2 Breast Plate 7.3/4" Hole	216.20

XMISC-1371
25KGS 18 X 10MM MONCKTON COKE BEANS

Used as a fuel for the coke forge

Description	Price
20Kgs Coke Beans	28.50

CENT-12FIR
12" FIREPOT FOR BOTTOM BLAST FORGE

A vessel which holds the fuel or fire in a furnace

Description	Price
12" Firepot Outside Dia. – 12" Inside Dia. – 9" Depth – 3" Height – 10" Flange – 4.3/4"	597.19

FARRIERS PORTABLE LPG FORGE & SPARES

FARRIERS FORGE

AL-FF2
MK2 PORTABLE FORGE

Description	Price
MK2 Portable Forge	432.48

Awaiting Photo

BURNER FOR MK2 PORTABLE FORGE

Description	Price
Burner	89.52

FARRIERS PORTABLE LPG FORGE

FEATURES

1. Quick to reach working temperature
2. Highly efficient consumption of LPG
3. Strong metal casing (2.5mm steel) to withstand everyday wear and tear
4. On / off tap conveniently located next to the gas burner
5. Fire bricks at hearth and rear for maximum durability
6. Ceramic fibre panels for maximum insulation & minimum weight at other exterior faces
7. Portable – Light and easy to move around with a facility for permanent fixing
8. Replacement lining panels readily available

WIDE RANGE OF USES

The 'Sterling' Portable Forge is highly versatile and is a useful tool for many specialists who work with metal. Here are some examples:

- Tool rooms for small batches or one off jobs
- Maintenance engineers and fitters working on and off site
- Farriers and blacksmiths
- Repair work in the home or on the farm
- Craft shops, goldsmiths and silversmiths

TECHNICAL SPECIFICATION

Models: AL-FF1 (without rear flap door) & AL-FF2 (with rear flap door)
Gas Pressure: Maximum – 25 psi. Working: 10 – 15 psi.
Temperature Range: 1200 – 1400 centigrade
Weight: 24.4 Kgs (54Lbs)
Power Source: This forge is designed to work on Liquid Propane Gas (LPG) only
Dimensions:

	Height	Width	Depth
Interior	6"	8.1/4"	6"
Exterior	10.1/4"	12.5/8"	12.1/2"
Overall with Burner	20.3/8"	13"	12.1/2"

VAUGHANS (Hope Works)

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

CRUCIBLE FURNACE & SPARES

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.

Description	Price
CM450 Crucible Furnace	1,357.65

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

Description	Price
CM450PB Crucible Furnace	2,376.15

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

Description	Price
CM700 Rapid Melting Crucible Furnace	5,980.70

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

Description	Price
Moulding Bench	1,551.95

Email – sales@anvils.co.uk Website: www.anvils.co.uk

VAUGHANS (Hope Works)

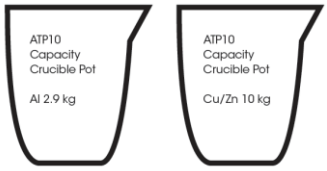
Tools & Equipment for Blacksmiths, Tinsmiths & Foundries – Forgings & Fabrications

CRUCIBLE FURNACE SPARES / GAS FIRED KILNS

FL-SANDTRA
RAISED SAND TRAY

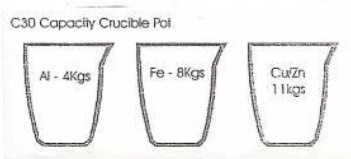
Suitable for CM450 & CM450PB
(Pictured with CM450PB)

Description	Price
Raised Sand Tray	398.48



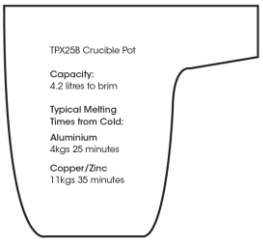
FL-ATP10
ATP10 CRUCIBLE POT & LID

Description	Price
ATP10 Crucible Pot & Lid	189.00



FL-C30
C30 CRUCIBLE POT

Description	Price
C30 Crucible Pot	122.06



FL-TPX25B
TPX25B CRUCIBLE POT

Description	Price
TPX25B Crucible Pot	329.96

FL-LN1000
LN1000 GAS FIRED KILN
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

Description	Price
LN1000 Gas Fired Kiln	1,338.75

FL-LN2000
LN2000 GAS FIRED KILN
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

Description	Price
LN2000 Gas Fired Kiln	2,191.35

Email – sales@anvils.co.uk Website: www.anvils.co.uk

VAUGHANS (Hope Works)

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

BRAZING HEARTHS

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

Description	Price
DS400 Brazing Hearth	3,302.25

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

Description	Price
DS400D Double Brazing Hearth	4,522.35

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

Description	Price
DS430S Combined Chip Forge & Brazing Hearth	4,932.90
DS430S Canopy	687.75

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FL-DS430D
COMBINED CHIP FORGE & DOUBLE BRAZING HEARTH

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

Description	Price
DS430D Combined Chip Forge & Double Brazing Hearth	5,457.90
DS430D Canopy	904.12

FL-DS430A
CERAMIC CHIP FORGE

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

Description	Price
DS430A Ceramic Chip Forge	4,555.95
DS430A Canopy	616.26

Awaiting Photo

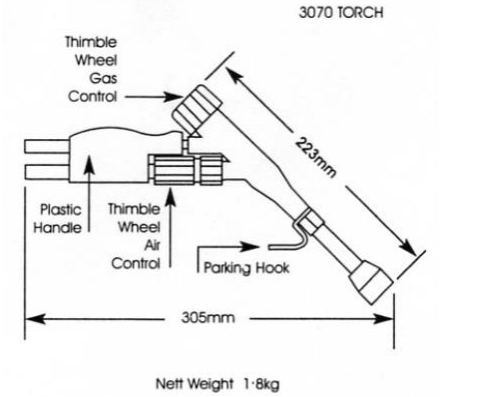
FL-CHIPS
12.5KGS CERAMIC CHIPS

Description	Price
12.5Kgs Ceramic Chips	145.95

VAUGHANS (Hope Works)

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

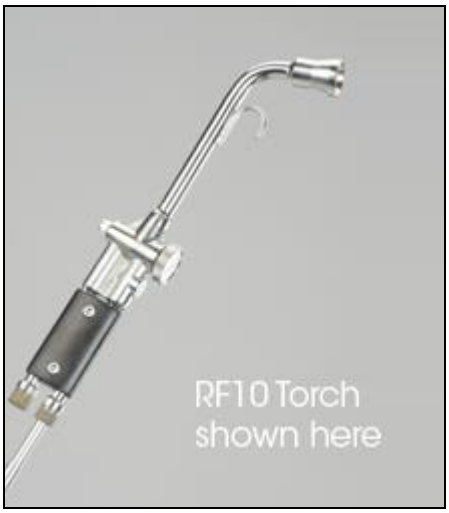
TORCHES



TRCH-3070
GAS AIR TORCH

General purpose torch to give a wide range flame length & spread and upto 130,000 BTU per hour output

Description	Price
3070 Gas Air Torch	466.20



TRCH-RF80 / RF10

RF80 TORCH / RF10 TORCH
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

Description	Price
RF80 Torch	372.75
RF10 Torch	372.75

TRCH-T4 / T2
T4 TORCH / T2 TORCH
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

Description	Price
T4 Torch	372.75
T2 Torch	372.75

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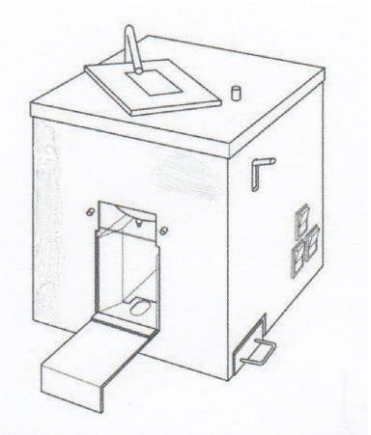
LOW TEMPERATURE CASTING UNITS / JEWELLERY EQUIPMENT

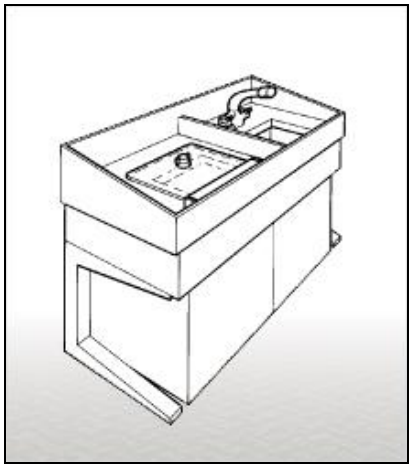


FL-LT1
LOW TEMPERATURE CASTING UNIT
Low Temperature casting unit
Mould Holder and clip
5 sticks Lead Free Pewter
Selector Switch for High/Low Temperature Control
1 MDF mould
Spill tray
Lead Free Pewter, MCF Low Melting Point Alloy and vulcanised rubber moulds are available as optional extras.

Description	Price
Low Temperature Casting Unit	824.25

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	5,686.80



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	3,785.25

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	1,281.00

KIT–S000 - TINMANS TOOL KIT

QTY	PRODUCT CODE	DESCRIPTION
1	S135	2” Bossing Mallet
1	S53	8oz Ball Pein Hammer
1	S98	10” Folding Bar
1	S100	Creasing with Horn (5.45Kgs)
1	S108	Hatchet Stake (1.82Kgs)
1	S109	Half Moon Stake (1.82Kgs)
1	S110	Cannister Stake (1.82Kgs)
1	S110/2	Dome Head Stake (1.82Kgs)
1	S110/5	Ball Head Stake (1.82 Kgs)
1	S114I	Tinmans Horse
1	S115	Oval Flat Horse Head
1	S116	Shallow Flat Horse Head
1	S117	Deep Oblong Horse Head
1	S118	Round Flat Horse Head
1	S119	Shallow Round Horse Head
1	S120	Deep Round Horse Head
1	S122	Saddle Horse Head
1	S124	13oz Planishing Hammer
1	S125	13oz Round & Square Blocking Hammer
1	S130	18oz Hollowing Hammer
1	S154	Funnel & Side Stake (6.82 Kgs)
1	S156	Square Horse Head
1	S157	Long Horse Head
1	S170	8” Leather Sandbag
2	S309	Hand Groover (Assorted Sizes)
2	S311	Combined Set Up & Snap (Assorted Sizes)
1	S311B	1/8” Centre Punch

KIT PRICE - £ 1,608.23

NETT WEIGHT: 53 KGS (117LBS) / GROSS WEIGHT: 67KGS (147LBS)
SIZE: 88 x 42 x 24 CMS

VAUGHANS (Hope Works)

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

KIT-S001 - BLACKSMITHS SET NO. 1

QTY	PRODUCT CODE	DESCRIPTION
1	S014	Poker
1	S013	Rake
1	S015	Shovel
5 Pairs	Assorted	Standard Tongs
3	S33	Top Swage – Rodded (Assorted Sizes)
3	S32	Bottom Swage (Assorted Sizes)
3	S38	Top Fuller (Assorted Sizes)
3	S34	Bottom Fuller (Assorted Sizes)
1	S35	1.1/2” Square Flat Set Hammer – Rodded
1	S36	2.1/2” Square Flat Flatter – Rodded
2	S37	Regular Hardies
2	S39	3Lb Hot Set – Rodded
2	S40	3Lb Cold Set – Rodded
1	S43	Flat Cut Chisel
1	S44	Cross Cut Chisel
1	S46	Half Round Chisel
3	S47	Round Punches – Rodded (Assorted Sizes)
3	S48	Square Punches – Rodded (Assorted Sizes
3	S50	Taper Drifts (Assorted Sizes)
1	S52	7Lb Sledge Hammer
1	S52	10Lb Sledge Hammer
1	S53	24oz Ball Pein Hammer
1	S53	32oz Ball Pein Hammer
1	S132	Smiths Hand Hammer
1	F222	Leather Apron
1	S316	18 x 12” Blacksmiths Square
1	F224	10” Leather Gloves
1	F228	Safety Glasses

KIT PRICE - £ 1,488.89

NETT WEIGHT: 89 KGS (196LBS) / GROSS WEIGHT: 103KGS (227LBS)
SIZE: 102 x 30 x 30 CMS

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KIT-S002 - BLACKSMITHS SET NO. 2

QTY	PRODUCT CODE	DESCRIPTION
1	S014	Poker
1	S015	Shovel
4 Pairs	Assorted	Standard Tongs
4	S33	Top Swage – Rodded (Assorted Sizes)
4	S32	Bottom Swage (Assorted Sizes)
2	S38	Top Fuller (Assorted Sizes)
2	S34	Bottom Fuller (Assorted Sizes)
1	S35	1.1/2” Square Flat Set Hammer – Rodded
1	S36	2.1/2” Square Flat Flatter – Rodded
2	S37	Regular Hardies
1	S39	3Lb Hot Set – Rodded
1	S40	3Lb Cold Set – Rodded
1	S43	Flat Cut Chisel
1	S46	Half Round Chisel
2	S47	Round Punches – Rodded (Assorted Sizes)
2	S48	Square Punches – Rodded (Assorted Sizes
1	S52	7Lb Sledge Hammer
1	S52	10Lb Sledge Hammer
1	S53	24oz Ball Pein Hammer
1	S53	32oz Ball Pein Hammer
1	S132	Smiths Hand Hammer

KIT PRICE - £ 1,191.23

NETT WEIGHT: 45 KGS (100LBS) / GROSS WEIGHT: 59KGS (130LBS)
SIZE: 102 x 30 x 30 CMS

KIT-S003 - BLACKSMITHS SET NO. 3

QTY	PRODUCT CODE	DESCRIPTION
3 Pairs	Assorted	Standard Tongs
3	S33	Top Swage – Rodded (Assorted Sizes)
3	S32	Bottom Swage (Assorted Sizes)
1	S38	Top Fuller (Assorted Sizes)
1	S34	Bottom Fuller (Assorted Sizes)
1	S35	1.1/2” Square Flat Set Hammer – Rodded
1	S36	2.1/2” Square Flat Flatter – Rodded
1	S37	Regular Hardies
1	S39	3Lb Hot Set – Rodded
1	S40	3Lb Cold Set – Rodded
1	S47	Round Punches – Rodded (Assorted Sizes)
1	S52	7Lb Sledge Hammer
1	S52	10Lb Sledge Hammer
1	S53	32oz Ball Pein Hammer

£ 1,203.05

NETT WEIGHT: 32 KGS (70LBS) / GROSS WEIGHT: 46KGS (101LBS)
SIZE: 102 x 30 x 30 CMS

VAUGHANS (Hope Works)

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

KIT–S307 - ESSENTIAL TOOLS & EQUIPMENT FOR BASIC BLACKSMITHS WORKSHOP

QTY	PRODUCT CODE	DESCRIPTION
1	FRG-SFP1S	Blacksmiths Forge Model SFP1 Hearth 1 Mtr Sq x 267mm Deep Single Phase Motor with Speed Controller Provides a Forced Draught Via Water Cooled Tue Iron. Complete with Smoke Hood Having 254mm Dia. Spigot for Chimney
1	S1	101.6 Kg Single Bick Anvil With Machined & Heat Treated Working Face
1	S1B	Cast Iron Anvil Stand
1	S10	508 x 508 x 178mm Cast Iron Swage Block
1	S11	Cast Iron Swage Block Stand
1	S12	Cast Iron Mandrel Cone 76mm Dia. Tapering to 228mm Dia. 600mm High
1	S71	Blacksmiths Steel Forged Leg Vice 150mm Wide Jaws & 1500mm Opening on Fabricated Steel Stand
1	S72	Hand Lever Shears – Model 5RN Blade Length 203mm Cuts 5mm Sheet 6mm Bar 13mm Round
1	KIT-S001	Blacksmiths Tool Kit No. 1 See Separate Sheet
1	S56	Galvanised Water Trough 457 x 305 x 305mm

NETT WEIGHT: 876KGS / GROSS WEIGHT: 986KGS
VOLUME: 2.0M3

£ 7,538.37

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KIT-BSMITH – BLACKSMITHS STARTER KIT

QTY	PRODUCT CODE	DESCRIPTION
1	S053/S054	2LB Hammer (Ball Pein or Cross Pein)
1	S027-45016	18” x 5/8” Rivet Tongs
1	S018A-450	18” x 3/8” Diamond Square Hollowbit Tongs
1	S018A-4501	18” x 5/8” Diamond Square Hollowbit Tongs
1	S020-4509	18” x 3/8” Bolt Tongs
1	S020-45016	18” x 5/8” Bolt Tongs
1	S039-136W	3LB Hot Set – Wooden Handle
1	S037R	Regular Hardie
1	S047A-009	3/8” Round Punch – Rodded
1	S047A-016	5//8” Round Punch – Rodded
1	F222	Leather Apron
1	XMISC-1402	Block Brush
1	S315	Brass Rule
1	F228-HD5	Safety Glasses

£ 496.31

PNEUMATIC FORGING HAMMERS

Technical Data

1. Operating System: self [illegible]t required).
2. Electrical supply: 380 volts (+/- 10%), three phase, 50 Hz
3. Construction:
   Tup: Milled and chrome plated piston with interchangeable head.
   Anvil: Cast iron
   Frame: Steel fabrication
4. Standard Accessories: emergency stop button, piston shield, foot treadle cover and motor protective switch.
5. Dies: 1 pair of flat dies

MODEL	TM40	TM/SM50	TM/SM60
Nominal Blow – Kilos	40	50	60
Blows per Minute	220	220	220
Stroke – mm	200	230	230
Electric Motor – rpm	1400	1400	1400
Electric Motor – Horsepower	5.5	7.5	7.5
External Dimensions – L x W x H – mm	1270 x 780 x 1300	1600 x 900 x 1595	1600 x 900 x 1595
Net Weight – Kilos	640	1150	1400

VAUGHANS (Hope Works)

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

2018 Price List - Pneumatic Forging Hammers and Dies

Hammer model Number	Price each
SAHINLER SM50	**7,396.66**
SAHINLER SM60	**8,174.45**
TANERD TM40	**5,839.55**
TANERD TM50	**6,695.12**
TANERD TM60	**7,764.55**

1. Price includes 1 pair of budget quality flat dies, emergency stop button, plastic piston cover, treadle guard and motor protection switch.
2. All models are for 380V 3 phase electrical supply.
3. Prices are subject to Euro/£ exchange rate fluctuations.

Die pattern number As per drawings	For SM50 or SM60 Price per die
104	**316.07**
101	**309.53**
130	**316.02**
105	**404.86**
123	**445.31**
124	**430.97**
121	**316.02**
106	**445.31**
115	**316.02**

After-sales

A technical team at Lye is available to support you from delivery to commissioning of your pneumatic hammer. Drawings for the recommended permanent foundation are included. Various foundation alternatives can also be suggested.

Handling

The recommended method of offloading and handling is by overhead sling. Vaughans (Hope Works) does not accept liability for any damage arising due to use of any alternative handling methods.

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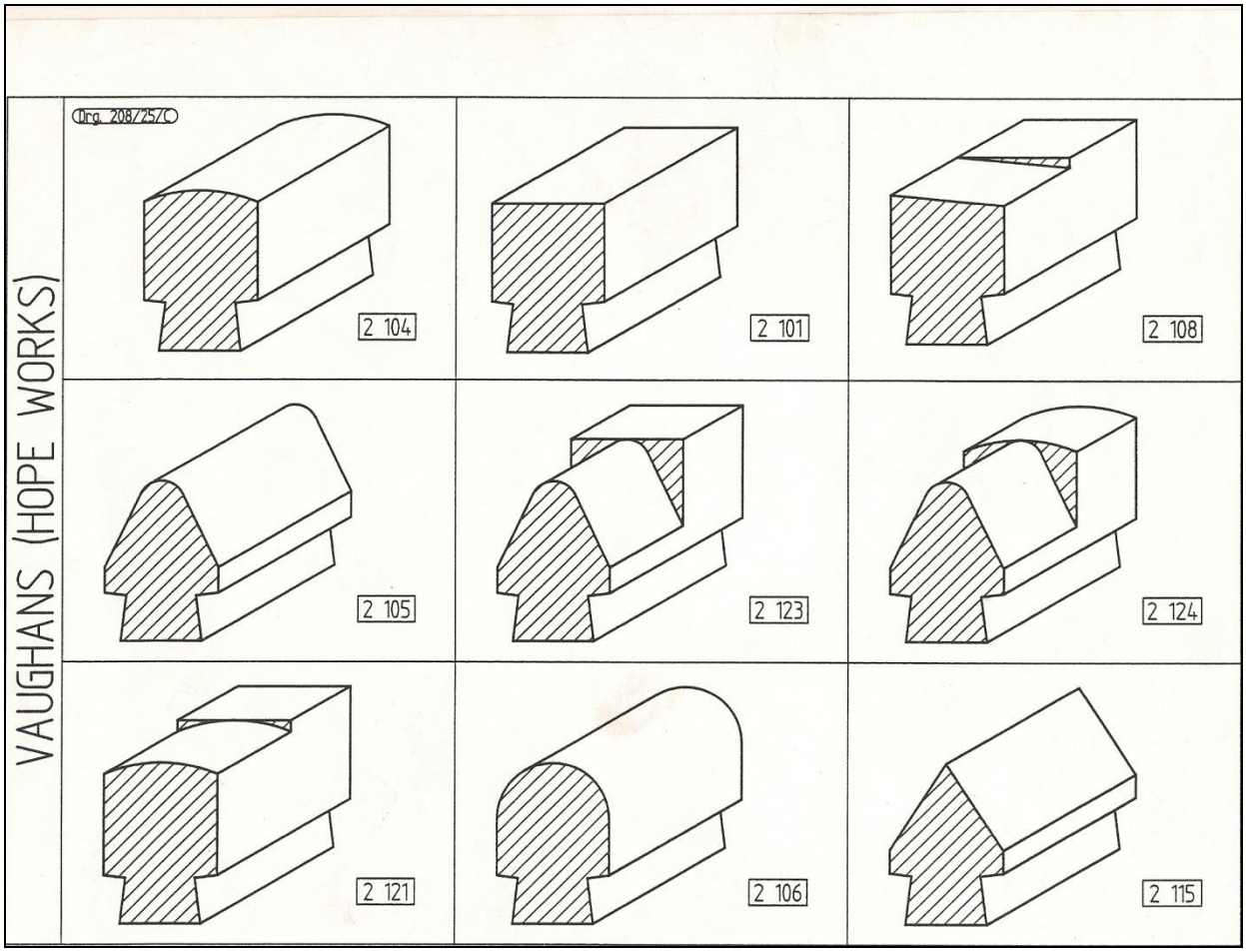
Power Hammer Dies



FOUNDRY TOOLS & EQUIPMENT

F1
SEAMLESS LADLES

Spun steel bucket shaped ladle with two pouring spouts

Nom. Size	Qty	Price Each
25Kg	5	119.37
	10	86.57
38Kg	5	131.70
	10	102.14
50Kg	5	147.57
	10	106.01
75Kg	5	156.33
	10	112.01
100Kg	5	164.73
	10	116.94
125Kg	5	137.06
	10	119.54

Nom. Size	Base (“)	Top Dia. (“)	Depth
25Kg	7.1/2	8.1/4	8.1/2
38Kg	7.1/2	9.3/8	8
50Kg	10	10	10.1/2
75Kg	10	12.3/4	9.1/2
100Kg	10	13.1/2	11.1/2
125Kg	10	14.1/4	13.1/2

VAUGHANS (Hope Works)

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

F2
LADLE / CRUCIBLE CARRIER

For carrying and pouring from small ladles / crucibles by one person

Description	Price
F2 Ladle Carrier up to 38Kgs	96.50

F3
LADLE / CRUCIBLE CARRIER

For carrying and pouring from small ladles / crucibles by two people

KGS	LBS	Price
25	55	112.20
50	112	148.92
75	168	201.16
100	224	259.02
150	336	410.97
Add 10% for Double Handle At Each End		

F4
WELDED LADLE

Hemisphere steel ladle for scooping and pouring molten non-ferrous metals – Hemisphere is welded to handle

Dia.		Handle		Price
MM	Inches	MM	Inches	
102	4	610	24	8.07
152	6	760	30	10.50
203	8	914	36	15.80
254	10	914	36	22.35
305	12	914	36	26.98
Special Handle Add 20p per Inch				
Double Lip Add 50p				

F4A
LADLE BOWL

Hemisphere steel ladle for scooping and pouring molten non-ferrous metals

MM	Inches	Price
102	4	3.89
152	6	8.05
203	8	12.50
254	10	14.12
305	12	18.63
Double Lip Add 50p		

F4DR
DROSSING LADLE

MM	Inches	Price
102	4	10.11
152	6	11.41
203	8	14.87
254	10	25.58
305	12	31.52

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VAUGHANS (Hope Works)

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

STAINLESS STEEL PEAR SHAPED LADLES

2″	15.88	8″	42.50
3″	17.20	9″	48.50
4″	18.50	10″	51.20
5″	27.50	12″	63.50
6″	32.90	14″	72.40
7″	35.76	15″	64.67

Optional Extras

Double bottomed
Shot Blasted
Skum Bar
Left Hand Pour

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VAUGHANS (Hope Works)

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

F5
POT & COKE TONGS

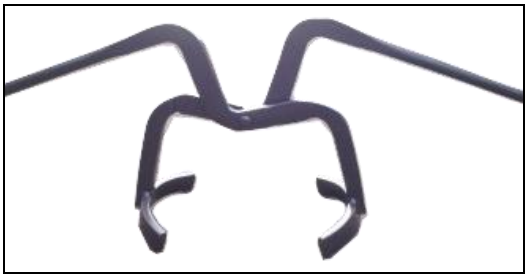
Large tongs for gripping hot castings

MM	Inches	Price
915	36	75.92
1220	48	83.79

F6
CRUCIBLE TONGS

Manufactured especially for lifting a single pattern of crucible

KGS	LBS	Price
25	55	102.74
50	112	128.70
75+	168+	146.00



F6C
BENT REIN CRUCIBLE TONGS

Manufactured especially for lifting a single pattern of crucible for two people to lift

Description	Price
Bent Rein Crucible Tongs	409.50

F6CC
CHAIN LIFT CRUCIBLE TONGS

Manufactured especially for lifting a single pattern of crucible for two people to lift

Description	Price
Chain Lift Crucible Tongs	624.75

F7
HINGED LADLE CARRIER

As F3 but the support ring can be opened horizontally

Description	Price
Hinged Ladle Carrier	POA

F8
FOUNDRY CLOSE MOUTH TONGS

For gripping flat narrow section hot metal

MM	Inches	Price
380	15	34.67
450	18	36.66
550	22	43.16
600	24	83.53
914	36	97.07

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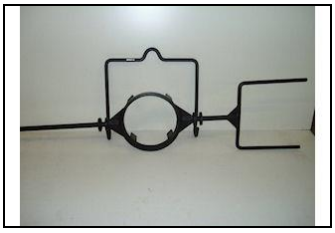
VAUGHANS (Hope Works)

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

F8A
F8A FOUNDRY TONGS

Useful shape for gripping hot castings

MM	Inches	Price
380	15	41.48
450	18	41.58
550	22	45.80
609	24	68.46
914	36	76.86



F9
BALE ARM FOR F3

Support cradle for manual tilt pouring of large ladles (Pictured with F3)

KGS	LBS	Price
50	112	213.49
100	224	276.86

F10A
LOOSE BOTTOM LADLE

Spun steel bucket shaped ladle with a removable base

No.	Top	Btm	Dpth	Price
1	8	6	8	29.36

F11
FORGED LADLES

Hemisphere steel ladle for scooping and pouring molten non-ferrous metals – Single piece forged construction

Dia.		Handle		Price
MM	Inches	MM	Inches	
63	2.1/2	356	14	7.45
76	3	381	15	7.63
89	3.1/2	406	16	8.10
102	4	406	16	8.25
114	4.1/2	432	17	8.57
127	5	508	20	10.50
152	6	610	24	13.24

F11A
TAG LADLES

Heavy gauge hemisphere ladle with short handle for sampling molten non-ferrous metals

MM	Inches	Price
102	4	19.36
127	5	21.80
152	6	26.01
203	8	31.91

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VAUGHANS (Hope Works)

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

F12
STAINLESS STEEL LADLES

Hemisphere ladle from light gauge stainless steel for low weight and durability

Dia.		Handle		Price
MM	Inches	MM	Inches	
63	2.1/2	356	14	38.00
76	3	381	15	39.50
102	4	406	16	40.50
127	5	508	20	41.80
152	6	610	24	48.20

Awaiting Photo

F18
SINGLE STUDS

Description	Price
Single Studs	P O A

F19
DOUBLE STUDS

Description	Price
Double Studs	P O A

Awaiting Photo

F21
STEM CHAPLETS

Used in casting to support the core of a mould

Description	Price
Stem Chaplets	P O A

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VAUGHANS (Hope Works)

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

F26
MOULDERS SHOVEL

For scooping, sluicing and tempering the sand and for filling the flask with moulders sand

Description	Price
No. 0 Moulders Shovel	16.54
No. 2 Moulders Shovel	16.77
No. 4 Moulders Shovel	17.20
No. 6 Moulders Shovel	18.87
No. 8 Moulders Shovel	21.72
No. 10 Moulders Shovel	22.09

F28
COKE & STONE FORK

Description	Price
9 Prong	55.43

F29
HAND BELLOWS

For blowing unwanted material from prepared sand moulds

MM	Inches	Price
229	9	21.63

F33
CRAFTSMAN PAINT BRUSH

MM	Inches	Price
12	½	2.69
19	¾	2.93
25	1	2.99
38	1.1/2	3.69
51	2	4.19
63	2.1/2	5.87
76	3	6.63
102	4	9.15

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F045
MOULDERS DRY BRUSH

Description	Price
Moulders Dry Brush	22.58

F046
MILL BANNISTER BRUSH

Description	Price
Mill Bannister Brush	4.81

F048
MOULDERS WET BRUSH

For damping moulding sand around the edge of the pattern to prevent crumbling

Description	Price
Moulders Wet Brush	3.65

F050
SASH TOOL

Black bristle
Metal Ferrule
White Wood Handle

Description	Price
No. 4 Sash Tool	3.39
No. 6 Sash Tool	3.54
No. 8 Sash Tool	3.64
No. 10 Sash Tool	4.10
No. 12 Sash Tool	4.19
No. 14 Sash Tool	4.99
No. 16 Sash Tool	5.65
No. 18 Sash Tool	6.15
No. 20 Sash Tool	7.11
No. 24 Sash Tool	10.80

VAUGHANS (Hope Works)

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

F52
CAMEL HAIR MOP

Type	Inches	Price
2	¼	8.22
4	3/8	8.98
6	½	9.95
8	5/8	11.36
10	¾	13.95

F53
CAMEL HAIR FLAT

MMS	Inches	Price
12	½	6.06
25	1	7.04
38	1.1/2	8.12
51	2	9.63
102	4	18.26

F54A
12” COCO BROOM (SOFT)

Description	Price
12” Coco Broom	3.61

F54B
12” BASSINE BROOM

Description	Price
12” Bassine Broom	3.93

F54C
12” COCO & BASSINE BROOM HEAD

Description	Price
12” Coco & Bassine Broom Head	5.78

F54D
18” COCO & BASSINE PLATFORM BROOM

Description	Price
18” Coco & Bassine Platform Broom	7.51

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

F55
PERFORATED CHAPLETS

Used in casting to support the core of a mould

Description	Price
Perforated Chaplets	P O A

F56H
MOTOR CYLINDER STUDS (HEAVY)

Description	Price
Motor Cylinder Studs (Heavy)	P O A

F56L
MOTOR CYLINDER STUDS (LIGHT)

Description	Price
Motor Cylinder Studs (Light)	P O A

F60
RAMMING DOLLIES

For firming sand inside the moulding box

MMS	Inches	Price
38	1.1/2	14.02
76	3	21.42

S61
TINMANS MALLET (HARDWOOD)

Particularly useful for shaping aluminium or thin sheet steel over a former

MM	Inches	Price
50	2	38.56
76	3	54.78

F63
RAWHIDE MALLET (SOFT FACE)

For striking precision parts without causing damage or marking

Size	Wt	Price
1	4oz	17.29
2	6oz	19.82
3	8oz	22.39
4	12oz	27.55
5	1.1/4LB	32.66
6	1.1/2LB	37.29
7	1.3/4LB	39.90
8	2LB	48.29

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VAUGHANS (Hope Works)

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

F64
RAWHIDE HAMMER
(SOFT FACE)

For striking precision parts without causing damage or marking

Size	Dia. (Inches)	Price
1	1.1/4	21.58
2	1.1/2	24.26
3	1.3/4	28.74
4	2	36.11
5	2.3/4	54.93

F72
RIDDLES (MESH)
16" Diameter

Fine mesh for producing facing sand and coarse mesh to clean sand

MMS	Inches	Price
8	5/16	24.55
9	3/8	23.14
12	½	23.14

F73
SIEVES
Mesh = Holes per Sqr Inch
16" Diameter

Fine mesh for producing facing sand and coarse mesh to clean sand

Mesh	Inches	Price
20	1/32	26.30
16	1/20	24.07
12	1/16	23.09
10	1/12	22.87
6	1/8	22.87
4	3/16	23.69
3.1/2	¼	23.69

F74
BUCKET

For general use in the Foundry

Litres	Gallons	Price
9	2	21.09

F75
WATERING CAN

For use in the Foundry

Litres	Gallons	Price
9	2	23.79
13	3	23.79

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F76
CRUCIBLES

Ceramic pots which can be heated with a naked flame to melt metal within them

(See page 72 for Crucible Sizes)

Style	Price
A1	29.07
A2	32.32
A3	33.94
A4	53.40
A5	54.21
A6	54.94
A8	58.21
A10	60.97
A12	62.60
A16	101.54
A20	106.40
CX40	109.365
CX60	138.84
CX80	160.74
CX100	195.63
CX120	236.18
CX150	258.89
CX200	270.25
CX250	284.85
CX300	301.07
AX8	77.20
AX12	84.08
AX16	92.61
AX20	111.27
AX25	122.62
AX40	126.67
AX50	143.71
AX60	153.45
AX80	18.95
AX90	195.63
Other Sizes Available	

Awaiting Photo

F77
WORKPAN

Inches	Price
16 x 12 x 4.3/4	45.48

F78
DUSTBAG

To hold and sieve parting powder onto the surface of sand in the moulding box

Description	Price
Linen Dustbag	2.90

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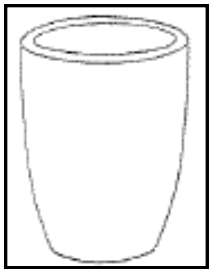
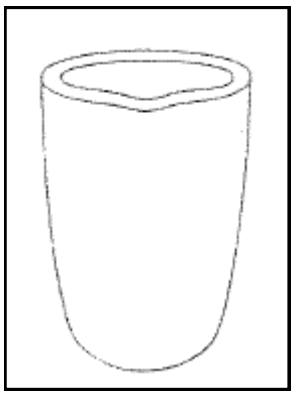
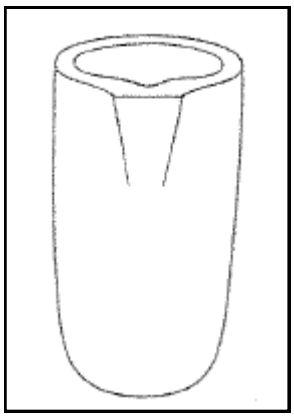
Tools & Equipment for Blacksmiths, Tinsmiths & Foundries – Forgings & Fabrications

CRUCIBLE SIZES

Shape	Pattern Number	Approx Working Capacity (Brass*)		Capacity Brim-Full Water	Height	Diameter	
A		**Lb**	**Kg**	**Kg/L**	**M/M**	**M/M**	**M/M**
	A5/0	0.15	0.07	0.011	35	32	24
	A3/0	0.29	0.13	0.028	52	46	30
	A1/0	0.88	0.4	0.071	67	60	41
	A1	2.6	1.2	0.19	97	79	55
	A2	4.4	2	0.32	109	95	61
	A3	7.7	3.5	0.47	127	105	70
	A4	10.5	4.8	0.71	141	114	76
	A5	13	6	0.86	152	124	86
	A6	18	8	1.14	165	130	95
	A8	24	11	1.7	184	156	108
	A12	37	17	2.5	210	171	121
	A16	47	21	3.1	232	184	133
	A20	59	27	3.8	261	197	140
AX		**Lb**	**Kg**	**Kg/L**	**M/M**	**M/M**	**M/M**
	AX8	26	12	1.8	184	156	105
	AX12	40	18	2.6	210	171	121
	AX16	51	23	3.3	232	184	132
	AX20	66	30	4.4	260	197	145
	AX25	82	37	5.3	280	210	156
	AX40	110	50	7.1	318	232	162
	AX50	132	60	8.6	324	248	178
	AX60	172	78	11.2	362	276	189
	AX70	207	94	13.5	375	292	202
	AX80	238	108	15.5	397	300	210
	AX90	256	116	16.6	397	310	219
	AX100	269	122	17.4	400	324	230
CX		**Lb**	**Kg**	**Kg/L**	**M/M**	**M/M**	**M/M**
	CX40	48	22	3.2	260	184	125
	CX60	77	35	5	321	207	140
	CX80	99	45	6.5	356	222	160
	CX100	117	53	7.6	373	244	175
	CX120	143	65	9.3	400	257	185
	CX150	185	84	12	435	275	202
	CX200	245	111	15.8	457	292	219
	CX250	317	144	20.5	510	310	233
	CX300	368	167	23.9	553	330	235
	CX350	459	208	29.7	581	365	210
	CX400	511	232	33.1	600	378	225
	CX500	628	285	40.7	641	410	245

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VAUGHANS (Hope Works)

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

F84
ROUND NOSE TROWEL

For detailed finishing of sand moulds
F084 – 120 x 25mm
F084A – 160 x 40mm
F084B – 130 x 40mm

Description	Price
120 x 25mm	37.64
160 x 40mm	43.68
130 x 40mm	44.84

F87
CHIPPING HAMMER

For removing unwanted exterior particles on castings and welds

Description	Price
Chipping Hammer	20.00

F91
LUMP HAMMER

KGS	LBS	Price
1.14	2.1/2	20.63
1.82	4	22.37

Awaiting Picture

F96
SQUARE TROWEL
For detailed finishing of sand moulds

Description	Price
Square Trowel	8.24

F97
TAPER TROWEL

For detailed finishing of sand moulds

Description	Price
Taper Trowel	8.24

F98
HEART & SQUARE
For detailed finishing of sand moulds

Description	Price
Heart & Square	9.19

F100
PATTERN CLEANER

For removing sand from a casting pattern

MMS	Inches	Price
6	¼	34.70
12	½	43.10

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VAUGHANS (Hope Works)

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

F110
MOULDERS LETTERS & FIGURES

To create embossed characters on the exterior of a casting

Description	Price
Moulders Letters	P O A
Moulders Figures	P O A

F119
LEAF & OVAL SPOON (LARGE)

For detailed finishing of sand moulds

Description	Price
Leaf & Oval Spoon (Large)	32.43

F120A
LEAF & SQUARE

For detailed finishing of sand moulds

Description	Price
Leaf & Square	28.30

F121
LEAF & OVAL SPOON (SMALL)

For detailed finishing of sand moulds

Description	Price
Leaf & Oval Spoon (Small)	29.61

F121A
LEAF & ROUND SPOON (SMALL)

For detailed finishing of sand moulds

Description	Price
Leaf & Round Spoon (Small)	30.44

F122
LEAF & LIFTER

For detailed finishing of sand moulds

Description	Price
Leaf & Lifter	37.38

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VAUGHANS (Hope Works)

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

F130
LEAF & ROUND SPOON (LARGE)

For detailed finishing of sand moulds

Description	Price
Leaf & Round Spoon (Large)	38.61

Awaiting Photo

F150
DIECASTERS LEVERS

For prising gravity moulds

MMS	Inches	Price
457 x 19	18 x ¾	17.20
457 x 25	18 x 1	19.52

F161
PARTING POWDER

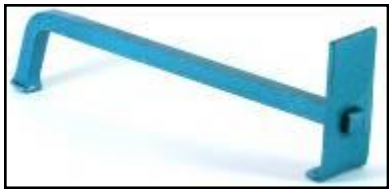
Used to cover the faces of a mould that touch during casting to prevent sticking of the faces

Description	Price
25Kgs Parting Powder	36.67

F165
PLUMBAGO

A very fine graphite powder that prevents sand from sticking to patterns. Also can be used as a release agent for coating steel core pins when used in aluminium casting

Description	Price
25Kgs Plumbago	58.64



F220
MOULDING BOX CLAMPS

To lock moulding boxes together to prevent disturbance of the interior during movement of the moulding box

Size	Price
Up to 14”	21.58
15 – 24”	23.79

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VAUGHANS (Hope Works)

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

F221
MOULDING BOX

Containers that hold the sand when a mould is being made. Precise positioning of the top (cope) and the bottom (drag) is possible because of the positioning pegs

MMS	Inches	Price
152 x 152 x 76/76	6 x 6 x 3/3	143.03
229 x 229 x 76/76	9 x 9 x 3/3	166.50
254 x 254 x 76/76	10 x 10 x 3/3	177.37
305 x 305 x 76/76	12 x 12 x 3/3	188.18
356 x 305 x 76/76	14 x 12 x 3/3	193.86
305 x 305 x 101/101	12 x 12 x 4/4	210.89
356 x 305 x 101/101	14 x 12 x 4/4	221.71

F222
LEATHER APRON
24 x 36”

Chromated economy apron

Description	Price
Leather Apron	15.36

F224
LEATHER GLOVES

Protection for the hand

MMS	Inches	Price
457	18	21.36

F224Z
ML20 GREEN GLASS REVERSIBLE MITT

High heat resistance - withstands continuous temperature of 1500 degrees fahrenheit

MMS	Inches	Price
381	15	69.22

F225
LEATHER LEGGINGS (UNLINED)

Chromated Leather

MMS	Inches	Price
304	12	21.36

F227A
CANADIAN RIGGERS

Protection for the hand

Description	Price
Canadian Riggers	3.02

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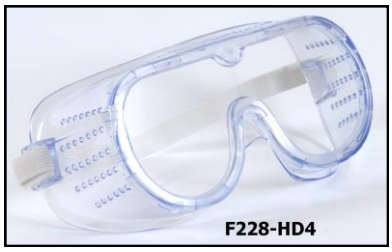
Tools & Equipment for Blacksmiths, Tinsmiths & Foundries – Forgings & Fabrications



F228-HD4
STANDARD SAFETY GOGGLES

Protection for the eyes

Description	Price
Standard Safety Goggles	3.23

F228-HD5
SAFETY SPECTACLES

Protection for the eyes

Description	Price
Clear	4.62

F228B-ED1
EAR DEFENDERS

Protection for the ears

Description	Price
Ear Defenders	4.85

F229
MOULDERS BRADS

Per 25Kgs

MMS	Inches	Price
51	2	124.22
76	3	110.10
102	4	101.21
127	5	88.90
152	6	87.95
178	7	71.50
203	8	69.81

F230
FACE VISOR

Conforms to EN166-1995

Description	Price
Face Visor	11.19

F234
PLASTIC SPRAY BOTTLE

Used to spray coatings onto inner faces of moulds

Description	Price
Plastic Spray Bottle	3.15

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VAUGHANS (Hope Works)

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

F235
DIECASTERS PLIERS

For removing hot castings from inside pressure dies

Description	Price
Diecasters Pliers	18.95

F236
ALUMINIUM SPRUE CUTTER

Used to cut channels into a mold to allow for the entry of metal

Description	Price
Aluminium Sprue Cutter	21.68

F238
PERFORATED PLUNGERS

To contain degassing agents as pushed into molten non-ferrous metals

Dia.		Handle		Price
MM	Inches	MM	Inches	
102	4	1372	54	18.56
102	4	1829	72	19.04
127	5	1372	54	19.68
127	5	1829	72	20.32
152	6	1372	54	20.01
152	6	1829	72	20.63

F238A
PLUNGER BOWLS (COMPLETE)

To contain degassing agents as pushed into molten non-ferrous metals

MMS	Inches	Price
102	4	3.89
127	5	4.35
152	6	5.40

F238B
PLUNGER BOWLS (PERFORATED)

To contain degassing agents as pushed into molten non-ferrous metals

MMS	Inches	Price
102	4	11.46
127	5	12.33
152	6	13.76

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VAUGHANS (Hope Works)

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

F239
SKIMMING LADLE

For removing waste material from the surface of molten metal

Dia.		Handle		Price
MM	Inches	MM	Inches	
102	4	660	26	12.48
127	5	660	26	12.59
152	6	812	32	13.34
203	8	914	36	14.05
254	10	1016	40	15.00
305	12	1219	48	17.09

F240
PROTECTIVE FACE MASK

Description	Price
Protective Face Mask	1.63

FF001-MR
MANSFIELD RED SAND
Per 25Kgs

Packing sand for moulding boxes

Description	Price
25Kgs Mansfield Red Sand	15.47

FF001-OB
OIL BONDED SAND
Per 25Kgs

Used to form the moulding cavity and creates a fine face for a quality finish to a casting

Description	Price
25Kgs Oil Bonded Sand	34.07

FF003-AL
DEGASSING TABLETS
Per 600gms

To remove nitrogen from molten aluminium

Description	Price
600gms Degassing Tablets	5.67

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VAUGHANS (Hope Works)

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

FF005
CERAMIC WASH
8Kg Tin

Essential coating to mild steel tools that come into direct contact with molten non-ferrous metals

Description	Price
Ceramic Wash 8Kgs	64.00

FF017
ALUMINUM SAND SCOOP

For scooping Moulders Sand

Description	Price
Aluminium Sand Scoop	6.98

FF022
DAGARNITE

Specially formulated to give an acceptable depth of case hardening to small metal pieces where production time is limited

Description	Price
1Kg Dagenite	84.47
5Kg Dagenite	203.81

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F141 – MOULDERS KIT OF HAND TOOLS

QTY	PRODUCT CODE	DESCRIPTION
1	F029-228	9” Hand Bellow
1	F045	Moulders Dry Brush
1	F046	Mill Bannister Brush
1	F048	Moulders Wet Brush
1	F060-076	3” Ramming Dollies
1	F061-127	5 x 2” Boxwood Mallet
1	F073-003	¼” Sieve
1	F078L	Linen Dustbag
1	F084	Round Nose Trowel
1	F084A	Round Nose Trowel
1	F084B	Round Nose Taper Trowel
1	F096	Square Trowel
1	F097	Taper Trowel
1	F098	Heart & Square
1	F100	Set of 2 Pattern Cleaners
1	F119	Leaf & Oval Spoon (Large)
1	F120A	Leaf & Square Trowel
1	F121	Leaf & Oval Spoon (Small)
1	F121A	Leaf & Round Spoon (Small)
1	F122	Leaf & Lifter (Large)
1	F222	Leather Apron
1	F224-457	18” Leather Gloves
1	F225-304	12” Leather Leggings
1	F228	Safety Spectacles
1	F236	Sprue Cutter

£ 526.26

NETT WEIGHT: 25KGS / GROSS WEIGHT: 36KGS
48 X 48 X 60CMS

VAUGHANS (Hope Works)

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

KIT-CM500 – MELTING & CASTING KIT

QTY	PRODUCT CODE	DESCRIPTION
4	FF001-MR	25Kgs Moulders Red Sand
2	F072	Riddles
2	FF006	2Kgs Parting Powder
1	F026-002	No. 2 Moulders Shovel
2	FF017	Aluminium Sand Scoop
60	FF002-AL	Aluminium Ingots
1	S021-450	18” Pick Up Tongs
1	FF003-AL	600gms Degassing Tablets
2	FF004A	250gms Alum Cov Flux
1	FF008	Degassing Plunger
1	FF009	Combined Dross Lifter & Skimming Spoon
1	F221-229	9 x 9 x 3/3” Steel Moulding Box
1	F221-305B	12 x 12 x 4/4” Steel Moulding Box
1	FF010	Strike Off Bar
1	F060-038	1.1/2” Ramming Dolly
4	FF011	Sprue Pins
2	F078L	Linen Dustbag
2	F096	Square Trowel
2	F098	Heart & Square
2	F048	Moulders Wet Brush
2	FF012	Gate Cutter Square
1	FF013	Pair Draw Pins
1	FF014	Rapper
3	FF016-016	1.6mm Vent Wire
3	FF016-026	2.6mm Vent Wire
1	F234	Plastic Spray Bottle
1	F029-228	9” Hand Bellow
1	FF005	8Kgs Ceramic Wash
2	F052-002	No. 2 Camel Hair Mop
2	F224-457	18” Leather Gloves
2	F230	Face Visor
2	F222	Leather Apron
2	F225-304	12” Leather Leggings
1	FF023-001	Casting Guide

GROSS WEIGHT: 175KGS
VOLUME: 0.34M3

£ 1,597.30

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VAUGHANS (Hope Works)

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

KIT-CM600 – MELTING & CASTING KIT

QTY	PRODUCT CODE	DESCRIPTION
6	FF001-MR	25Kgs Moulders Red Sand
2	F072	Riddles
1	F026-002	No. 2 Moulders Shovel
3	FF017	Aluminium Sand Scoop
80	FF002-AL	Aluminium Ingots
1	S021-450	18” Pick Up Tongs
1	FF003-AL	600gms Degassing Tablets
3	FF004A	250gms Alum Cov Flux
1	FF008	Degassing Plunger
1	FF009	Combined Dross Lifter & Skimming Spoon
1	F221-229	9 x 9 x 3/3” Steel Moulding Box
1	F221-305B	12 x 12 x 4/4” Steel Moulding Box
1	FF010	Strike Off Bar
1	FF006	2Kgs Parting Powder
3	F060-038	1.1/2” Ramming Dollies
3	F060-076	3” Ramming Dollies
6	FF011	Sprue Pins
3	F078L	Linen Dustbag
3	F096	Square Trowel
3	F098	Heart & Square
3	F048	Moulders Wet Brush
3	FF012	Gate Cutter Square
3	FF013	Pair Draw Pins
3	FF014	Rapper
6	FF016-016	1.6mm Vent Wire
6	FF016-026	2.6mm Vent Wire
1	F234	Plastic Spray Bottle
1	F029-228	9” Hand Bellow
1	FF005	5 Litres Ceramic Wash
3	F052-002	No. 2 Camel Hair Mop
6	F224-457	18” Leather Gloves
6	F230	Face Visor
6	F222	Leather Apron
2	F225-304	12” Leather Leggings
1	FF023-001	Casting Guide

GROSS WEIGHT: 215KGS
VOLUME: 0.80M3

£ 2,099.95

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