



T-12	T-12 with standard tooling: See information attached	2.995.- €
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OPTIONAL TOOLING FOR T-12

UCRV M-T	Bending tool for variable radius	345.- €
UCRF M-T	Bending tool for fixed radius	225.- €
E-M	Marine Packaging T-12	62.- €

MULTI-ORNAMENTAL MACHINES FSB MODELS

T-1 T-2 T-20

T-1	Multi-Ornamental machine. For included tooling, see option below	3.995.- €
T-2	Multi-Ornamental machine. For included tooling, see option below	6.210.-€
T-20 S/U	Multi-Ornamental machine WITHOUT TOOLING	4.695.- €
T-20. OPTION 2/2007-E	T-20 with tooling as per this option. For included tooling, see option below.	7.299.- €
T-20 2007 -CN	Multi-Ornamental machine equipping NC CONTROL . For included tooling, see option below.	8.500.-€

OPTIONAL TOOLING FOR MACHINES FSB MODELS

T-1 T-2 T-20

P-T 8	Twisting tooling 8 mm	95.- €
P-T 10	Twisting tooling 10 mm	95.- €
P-T 12	Twisting tooling 12 mm	95.- €

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P-T 14	Twisting tooling 14 mm	95.- €
P-T 16	Twisting tooling 16 mm	95.- €
P-T 18	Twisting tooling 18 mm	95.- €
P-T 20	Twisting tooling 20 mm	95.- €
P-T 25	TWISTING TOOLING FOR 25 mm.	125.-€
P-T 30x10	Twisting tooling 30x10 mm	95.- €
U-P	Basket (Simple and Double)	255.- €
P-E	Hooks, Eyes and Links	265.- €
C-F	Circle of fixed sizes Tool for circles.....265.€ Roller support.....120 €	385.- €
V-125	Scrolls up to 125 mm (Set) 12 mm. Beginning (IV125).....235.-€ Finishing (TV125).....250.-€ 3 roller support.....162.-€	647.- €
V-246-16	Scrolls up to 246 mm (Ext. Diam.) Up to 16 mm Beginning (IV 246-16).....199.-€ Finishing (TV 246-16).....289.-€ V-125 ROLLER WILL BE USED FOR THIS TOOL	488.- €
UVM-20	Scrolls up to 246 mm (Ext. Diam) Up to 20 mm Beginning Tool (IV246-20).....199.-€ Finishing (TV 246-20).....289.-€ 2 roller support.....162.-€ TV-246 FITS UP TO 20mm.	620.- €
TV-500	Scrolls up to 450 mm (Ext. Diam.)+1 Roll	695.- €
V-OVAL	Oval Scrolls (set) Beginning (IV Oval).....298.-€ Finishing (TV Oval).....392.-€	690.- €
UCPT	Bending tool for flat bar and tube	315.- €
U-PP	Links and Bow Tops 95-115-170 mm Diam. Balustrades Rails Main tool (UPP1).....279.-€ 95 mm form die.....70.-€	530.- €

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	115 mm form die.....	79.-€
	170 mm form die.....	94.-€
UCRV	Bending tool for variable radius	1.258.- €
UPPC	Folding tool for flat/square bar	397.- €
	Tool for flat bar.....	170.-€
	Tool for square bar.....	170.-€
	Sliding block.....	57.-€
URC	Knots for garden fences	1.350.- €
UCT	Bending tool for round bar and tube 20-25 mm – 180° Ext. Diam. 220 mm	330.- €
	20 mm bending die.....	165.-€
	25 mm bending die.....	165.-€
UCT 42	Bending tool for round bar and tube 42x3 mm up to 180°/400 mm Ext. Diam.+1 Roll	1.100.- €
AUT-MAG	Automation Panel	2.850.- €
V-F	Speed Drive	1.376.- €
U-PROL M-T20+ SET MT	T-12 Adaptor for T-20 + Set of standard tooling of T-12	1450.- €
E-M	Marine Packaging T-20	283.- €

MULTI-ORNAMENTAL MODEL T-40 (INDUSTRIAL PRODUCTION)

T-40	Machine Including twisting 25x25, 30x30, 35x35, 40x40, 45x45.	12.220.- €
T-40 S/U	T-40 machine without tooling	11.500.-€
PT-T40	Twisting tools for T-40 (Every different size)	130.-€
U-PROL T-20/T-40	Tooling adaptor for T-20 tools to T-40machine	595.-€
T-20 tools for T-40	T-20 tooling (Option 2/2004) for T-40machine	2995.-€

FORGING UNIT FSB - MODEL UF-20

PRICE LIST PREISLISTE 2007

UF-20	Forging Unit with Standard Tooling .For included tooling, see option below.	6.700.- €
RUF-20 EX PL	Set of eccentric rolls plain (incl. As standard)	515.-€
RUF-20 EX GR	Set of eccentric rolls grooved (incl. As stand.)	515.-€
RUF-20 P.LAN	Set of rolls for Spearhead (14/20 mm)	520.- €
RUF-20 P.LAN	Set of rolls for Spearhead (16/18 mm)	520.- €
RUF-20 PP	Set of rolls for Pyramidal End. Material up to 25x25 mm	520 .-€
RUF-20 PO	Set of rolls for undulating End. Material 16x16mm	520.- €
RUF-20 COL	Set of concentric rolls for Fish-tail End Up to 20x20 mm	520.- €
RUF-20 GR-A 14	Set of rolls for engraving in the centre 14 mm A	515.- €
RUF-20 GR-B 14	Set of rolls for engraving in the centre 14 mm B	515.- €
RUF-20 GR-C 14	Set of rolls for engraving in the centre 14 mm C	515.- €
RUF-20 GR-A 16	Set of rolls for engraving in the centre 16 mm A	515.- €
RUF-20 GR-B 16	Set of rolls for engraving in the centre 16 mm B	515.- €
RUF-20 GR-C 16	Set of rolls for engraving in the centre 16 mm C	515.- €
RUF-20 GR-A 18	Set of rolls for engraving in the centre 18 mm A	515.- €
RUF-20 GR-B 18	Set of rolls for engraving in the centre 18 mm B	515.- €
RUF-20 GR-C 18	Set of rolls for engraving in the centre 18 mm C	515.- €
RUF-20 GR-A 20	Set of rolls for engraving in the centre 20 mm A	515.- €
RUF-20 GR-B 20	Set of rolls for engraving in the centre 20 mm B	515.- €
RUF-20 GR-C 20	Set of rolls for engraving in the centre 20 mm C	515.- €
UUF-20IVMAN	Beginning Tool for scrolls in T-20 (All measures)	365.- €
TP UF-20	Length stop (included as standard)	105.- €
CARR-DESP	Guiding support for concentric rolls	520.- €
PUF-20 1020ES	Guiding clamp for oblique material 10/20mm	122.- €

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PUF-20 1218ES	Guiding clamp for oblique material 12/18mm	112.- €
PUF-20 1416ES	Guiding clamp for oblique material 14/16mm	112.- €
PUF-20 10PL	Guiding clamp for flat material 10mm	112.- €
PUF-20 12PL	Guiding clamp for flat material 12mm	112.- €
PUF-20 14PL	Guiding clamp for flat material 14mm	112.- €
PUF-20 16PL	Guiding clamp for flat material 16mm	112.- €
PUF-20 18PL	Guiding clamp for flat material 18mm	112.- €
PUF-20 20PL	Guiding clamp for flat material 20mm	112.- €

Rolls of 16 mm can be used for material of 14 and 16 mm and 20 mm rolls for 18 and 20 mm. We recommend the use of the proper rolls for every measure and always to work with hot material (Approx. 1200°).

GAS PROPANE FORGING OVEN FSB - MODEL HUF20

HUF10	Atmospheric Gas Propane Forge Oven with 1 Burners	1.200.- €
HUF20	Atmospheric Gas Propane Forge Oven with 2 Burners	1.840.- €

FORGING UNIT FOR BEGINNINGS FSB - MODEL FV-18

FV-18	Machine with pneumatic and hydraulic system	5.234.- €
UFV18/IVCUA	Beginning tool for scrolls in square material for T-20	287.- €
UFV18/IVPLET	Beginning tool for scrolls in flat material for T-20	287.- €

Machine to work with hot material (Approx. 1200°).

POWER HAMMERS FSB

FSB- 34	POWERHAMMER FSB- 34 KGS.	6.983.-€
FSB- 40	POWERHAMMER FSB- 40 KGS.	7.800.-€
FSB- 50	POWERHAMMER FSB- 50 KGS.	8.995.-€
FSB- 60	POWERHAMMER FSB-60 KGS.	9.810.-€

DIES CONSULT

PRICE LIST PREISLISTE 2007

FSB BENDING MACHINE

FSB- CH 30/2	BENDING ROLLING MACHINE	2.995.-€
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EMBOSSING DEVICE UGFT-20

UGFT-20	EMBOSSING UNIT up to 20x20 mm y 40x10 mm. Includes 1 standard roll for flat bar 40x10 mm for producing hammered edges (Ref. FSB 0640) Other reollings, consult the prices. TO ADPATED MACHINES, T-1, T-2, T-20,T-40 ALL OF OUR ORNAMENTAL MACHINES	3.695.- €
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AVAILABLE ROLLS FOR UGFT-20

<u>REFERENCE</u>	<u>DESCRIPTIÓ</u>	<u>PRICE</u>
FSB 0330	Roll for hammering tube : 30 mm	595.-€
FSB 1540P	Roll for embossing 40x10 mm	815.-€
FSB 0220	Roll for EMBOSSING: 20x20 mm	595.-€
FSB 021416	Roll for embossing 14x14 mm y 16x16 mm	750.-€
FSB 021218	Roll for embossing 12x12 mm y 18x18 mm	750.-€
FSB 0640	STANDARD ROLL for Embossing 40x10 mm	520.-€
FSB 0740P	Roll for embossing 40x10 mm	815.-€
FSB 0840P	Roll for embossing 40x10 mm	825.-€
FSB 0940N	Roll for embossing 40x10 mm	815.-€
FSB 1040P	Roll for embossing 40x10 mm	815.-€
FSB 1140P	Roll for embossing 40x10 mm	815.-€
FSB 1240P	Roll for embossing 40x10 mm	815.-€
FSB1340N	Roll for embossing 40x10 mm	815.-€
FSB1440P	Roll for embossing 40x10 mm	815.-€
FSB 1540P	Roll for embossing 40x10 mm	815.-€
FSB 1640P	Roll for embossing 40x10 mm	815.-€

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FSB 1740P	Roll for embossing 40x10 mm	815.-€
FSB 2140P	Roll for embossing 40x10 mm	815.-€
FSB 0140P	Roll for embossing 40x10 mm	1.500.-€

EMBOSSING MACHINE UG-60

UG-60	New cold embossing machine, 2 rolls included	7.990.- €
UG-60 OPTION	New cold embossing machine, 6 rolls included	10.300.- €
UG-60 OPTION	New cold embossing machine, 14 rolls included	14.990.- €

PRICE LIST PREISLISTE 2007

MODEL: T-12



MULTI-ORNAMENTAL T-12

- CE marking
- 0,5 HP (0,37 Kw) motor with speed drive.
- Voltage: 220 V Single phase / 50-60 Hz.
- One year warranty against manufacturing fault.
- Maximum capacities of the material:
 - Square bar: 12x12 mm. - Round bar: 12mmØ - Flat bar: 16x6 mm.

EQUIPMENT INCLUDED

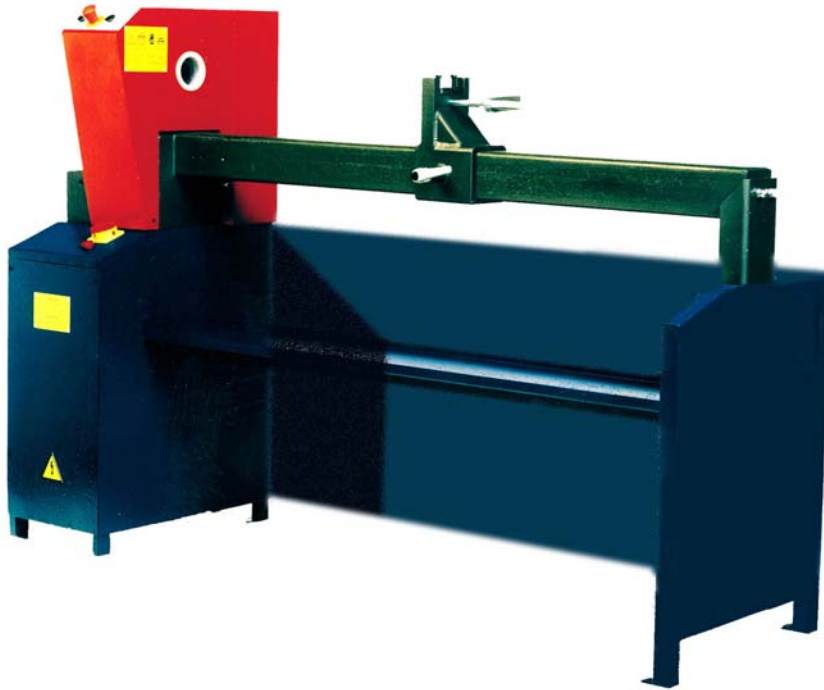
- **PT-MT**: Twisting tools for 5,6,8,10,12 mm. square bar and flat bar up to 14x6 mm
- **TV-MT**: Tool for scrolls up to 130 mm. Ø diameter
- **UPPC-MT**: Folding tool for square, flat and round bar.
- **CF-MT**: Tool for rings or circles in fixed size.
- **PE-MT**: Tool for links and hooks

OPTIONAL TOOLING

- Ref: UCRV-MT: Bending tool for variable radius
- Ref: UCRF-MT: Bending tool for fixed radius

PRICE LIST PREISLISTE 2007

MULTI-ORNAMENTAL MACHINE MODEL T-1



MULTI-ORNAMENTAL MACHINE T-1, CE REGULATIONS

- Motor 2,5 HP (1,85 Kw), with limit switch.
- Electrics 380 V 3 Phase , 50 – 60 Hz.
- ONE year warranty against manufacturing fault.
- Maximum capacities of the material:
- Square bar: 20x20 mm.- Round bar: 20mm \odot - Flat bar: 30x10 mm
- Weight : 320 Kgs. Size : 1,85 m. x 1,29 m. x 0,565 m.

TOOLING INCLUDED

- TWISTING TOOLING FOR : 12-14-16-20-30x10 mm.
- BEGININGS FOR SCROLLS IN FLAT BARS up to 30x10 mm. SQUARE AND ROUND BARS up to 16x16 mm .
- FINISHING TOOLING FOR SCROLLS UP TO 246 mm.
- TOOLING FOR MAKING BALCONY BARS.
- TOOLING FOR MAKING CHAINS AND LINKS up to 16x16 mm.
- TOOLING FOR BENDING AND FOLDING FLAT BARS up to 30x10 mm.

PRICE LIST PREISLISTE 2007

MULTI-ORNAMENTAL MACHINE MODEL: T-2



MULTI-ORNAMENTAL MACHINE T-2, CE REGULATIONS.


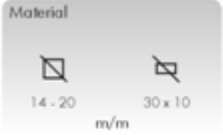



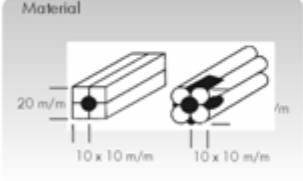



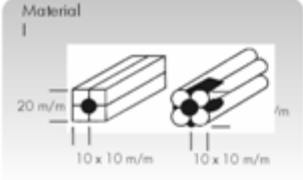



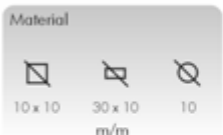

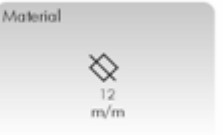




- Electro brake motor 2,5 HP (1,85 Kw), with limit switch.
- Voltage: 380 V 3 Phase , 50 – 60 Hz.
- ONE year warranty against manufacturing fault.
- Maximum capacities of the material:
 - Square bar: 25x25 mm. - Round bar: 20mm \varnothing - Flat bar: 30x10 mm
- Weight : 320 Kgs. Size : 1,85 m. x 1,29 m. x 0,565 m.

EQUIPMENT INCLUDED

- **Ref: P-T.** Twisting tools for square and flat bars 14x14, 16x16, 18x18, 20x20 and 30x10 mm.
- **Ref: U-P:** Tools for making simple and double basket.
- **Ref: TV-125.** Tool for making scrolls up to 125 mm. outside diameter (O.D.)
- **Ref: TV-246.** Tool for scrolls up to 246 mm. (O.D.) up to 16x16 mm. bars.
- **Ref: P-E.** Tool for hooks, links and eyes
- **Ref: U-PP.** Tool for balustrade rails, links and bow tops 95-115-170 mm.(O.D.)
- **Ref: UPPC.** Tool for making angle bends in square and flat bars.
- **SAME OPTIONAL TOOLING RANGE AVAILABLE AS IN T-20 MODEL**

PRICE LIST PREISLISTE 2007

STANDARD WORKS SUITABLE TO BE DONE WITH INCLUDED TOOLING

<p>BARRAS TORSIONADAS</p>  <p>Material</p>  <p>14 - 20 30 x 10 m/m</p> <p>REF. P-T</p>	<p>BALAÚSTRES, PECHO DE PALOMA</p>  <p>Material</p>  <p>20 30 x 10 20 m/m</p> <p>REF. U-PP</p>
<p>PIÑA SENCILLA</p>  <p>Material</p>  <p>20 m/m 10 x 10 m/m 10 x 10 m/m</p> <p>REF. U-P</p>	<p>CURVADOS EN MEDIDAS FIJAS 95 - 115 - 170 m/m</p>  <p>Material</p>  <p>20 30 x 10 20 m/m</p> <p>REF. U-PP</p>
<p>PIÑA DOBLE</p>  <p>Material</p>  <p>20 m/m 10 x 10 m/m 10 x 10 m/m</p> <p>REF. U-P</p>	<p>VOLUTAS HASTA 246 m/m D.E.</p>  <p>Material</p>  <p>16 30 x 10 16 m/m</p> <p>REF. TV-246</p>
<p>VOLUTAS HASTA 125 m/m d.e.</p>  <p>Material</p>  <p>10 x 10 30 x 10 10 m/m</p> <p>REF. TV-125</p>	<p>VOLUTAS EN ARISTA HASTA 246 mm.</p>  <p>Material</p>  <p>12 m/m</p> <p>REF. TV-246</p>
<p>GANCHOS Y ESLABONES</p>  <p>Material</p>  <p>20 30 x 10 20 m/m</p> <p>REF. P-E</p>	<p>PLEGADOS EN ÁNGULO</p>  <p>Material</p>  <p>16 x 16 40 x 10 16 x 16 m/m</p> <p>REF. UPPC</p>

**Customized tooling can be done upon request.
Wide range of OPTIONAL TOOLING IN INVENTORY.
Just send us your need. We will be more than glad on
providing a quotation to you.**

PRICE LIST PREISLISTE 2007

MODEL: T-20 OPTION 2/2003-E














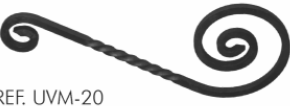
MULTI-ORNAMENTAL MACHINE T-20, CE REGULATIONS.

- Electrobrake motor 2,5 HP (1,85 Kw), with limit switch.
- Electrics 380 V 3 Phase , 50 – 60 Hz.
- Tooling storage system.
- Automatic Control Panel
- Two years warranty against manufacturing fault.
- Maximum capacities of the material:
 - Square bar: 25x25 mm.
 - Round bar: 25mm \odot
 - Flat bar: 30x10 mm.

EQUIPMENT INCLUDED :

- **P-T.** Twisting tools for square and flat bars 14x14, 16x16, 18x18, 20x20 and 30x10 mm.
- **U-P:** Tools for making simple and double basket.
- **TV-125.** Tool for making scrolls up to 125 mm. outside diameter (O.D.)
- **P-E.** Tool for hooks, links and eyes.
- **C-F.** Tools for circles in fixed sizes.
- **TV-246.** Tool for scrolls up to 246 mm. (O.D.) up to 16x16 mm. bars.
- **UVM-20.** Tool for scrolls up to 246 mm. (O.D.) 20x20mm bars.
- **U-PP.** Tool for balaustrade rails, links and bow tops 95-115-170 mm.(O.D.)
- **UPPC.** Tool for making angle bends in square and flat bars.

PRICE LIST PREISLISTE 2007

<p>IRON BAR TWISTING</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td>14 - 20</td> <td>30 x 10</td> </tr> <tr> <td colspan="2" style="text-align: center;">m/m</td> </tr> </table> <p>REF. P-T</p>			14 - 20	30 x 10	m/m		<p>CIRCLES OF FIXED SIZES</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td>16</td> <td>16</td> </tr> <tr> <td colspan="2" style="text-align: center;">m/m</td> </tr> </table> <p>REF. C-F</p>			16	16	m/m										
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<p>SINGLE BASKET</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>20 m/m</td> <td>10 x 10 m/m</td> <td>10 x 10 m/m</td> </tr> </table> <p>REF. U-P</p>				20 m/m	10 x 10 m/m	10 x 10 m/m	<p>SCROLL UP TO 246 m/m O.D.</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>16</td> <td>30 x 10</td> <td>16</td> </tr> <tr> <td colspan="3" style="text-align: center;">m/m</td> </tr> </table> <p>REF. TV-246</p>				16	30 x 10	16	m/m								
20 m/m	10 x 10 m/m	10 x 10 m/m																				
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<p>DOUBLE BASKET</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>20 m/m</td> <td>10 x 10 m/m</td> <td>10 x 10 m/m</td> </tr> </table> <p>REF. U-P</p>				20 m/m	10 x 10 m/m	10 x 10 m/m	<p>SCROLL FOR SQUARE BAR ON DIAMOND 130 m/m O.D.</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> </tr> <tr> <td>12</td> </tr> <tr> <td style="text-align: center;">m/m</td> </tr> </table> <p>REF. TV-246</p>		12	m/m												
20 m/m	10 x 10 m/m	10 x 10 m/m																				
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<p>SCROLL UP TO 125 m/m O.D.</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>10 x 10</td> <td>30 x 10</td> <td>10</td> </tr> <tr> <td colspan="3" style="text-align: center;">m/m</td> </tr> </table> <p>REF. TV-125</p>				10 x 10	30 x 10	10	m/m			<p>BALAUSTRAD RAILS</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>30 x 10</td> <td>20</td> <td>20</td> </tr> <tr> <td colspan="4" style="text-align: center;">m/m</td> </tr> </table> <p>REF. U-PP</p>					20	30 x 10	20	20	m/m			
10 x 10	30 x 10	10																				
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<p>HOOKS, EYES AND LINKS</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>30 x 10</td> <td>20</td> </tr> <tr> <td colspan="3" style="text-align: center;">m/m</td> </tr> </table> <p>REF. P-E</p>				20	30 x 10	20	m/m			<p>LINKS AND BOW TOPS 95 - 115 - 170 m/m I.D.</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>30 x 10</td> <td>20</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">m/m</td> </tr> </table> <p>REF. U-PP</p>					20	30 x 10	20		m/m			
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<p>BENDING FOR FLAT AND SQUARE BAR</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>16 x 16</td> <td>40 x 10</td> <td>16 x 16</td> </tr> <tr> <td colspan="3" style="text-align: center;">m/m</td> </tr> </table> <p>REF. UPPC</p>				16 x 16	40 x 10	16 x 16	m/m			<p>SCROLL UP TO 246 m/m O.D.</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td>20</td> <td>20</td> </tr> <tr> <td colspan="2" style="text-align: center;">m/m</td> </tr> </table> <p>REF. UVM-20</p>			20	20	m/m							
16 x 16	40 x 10	16 x 16																				
m/m																						
20	20																					
m/m																						

PRICE LIST PREISLISTE 2007

MODEL: T-20 OPTION: 2/2003-E- CN



MULTI-ORNAMENTAL MACHINE T-20, CE REGULATIONS.






































































































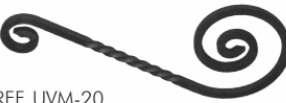









- Motor 2,5 HP (1,85 Kw), with limit switch.
- Electrics 380 V 3 Phase , 50 – 60 Hz.
- Tooling storage system.
- Two years warranty against manufacturing fault.
- **Maximum capacities** of the material:
 - Square bar: 25x25 mm. - Round bar: 25 mm \odot - Flat bar: 30x10 mm.
- **NEW NUMERIQUE CONTROL (UP TO 15 DIFFERENT WORKS)**

EQUIPMENT INCLUDED :

- **P-T.** Twisting tools for square and flat bars 14x14, 16x16, 18x18, 20x20 and 30x10 mm.
- **U-P:** Tools for making simple and double basket.
- **TV-125.** Tool for making scrolls up to 125 mm. outside diameter (O.D.)
- **P-E.** Tool for hooks, links and eyes.
- **C-F.** Tools for circles in fixed sizes.
- **TV-246.** Tool for scrolls up to 246 mm. (O.D.) up to 16x16 mm. bars.
- **UVM-20.** Tool for scrolls up to 246 mm. (O.D.) 20x20mm bars.

PRICE LIST PREISLISTE 2007

- **U-PP.** Tool for balaustrade rails, links and bow tops 95-115-170 mm.(O.D.)
- **UPPC.** Tool for making angle bends in square and flat bars.

<p>IRON BAR TWISTING</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td>14 - 20</td> <td>30 x 10</td> </tr> <tr> <td colspan="2" style="text-align: center;">m/m</td> </tr> </table> <p>REF. P-T</p>			14 - 20	30 x 10	m/m		<p>CIRCLES OF FIXED SIZES</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td>16</td> <td>16</td> </tr> <tr> <td colspan="2" style="text-align: center;">m/m</td> </tr> </table> <p>REF. C-F</p>			16	16	m/m										
																						
14 - 20	30 x 10																					
m/m																						
																						
16	16																					
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<p>SINGLE BASKET</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>20 m/m</td> <td>10 x 10 m/m</td> <td>10 x 10 m/m</td> </tr> </table> <p>REF. U-P</p>				20 m/m	10 x 10 m/m	10 x 10 m/m	<p>SCROLL UP TO 246 m/m O.D.</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>16</td> <td>30 x 10</td> <td>16</td> </tr> <tr> <td colspan="3" style="text-align: center;">m/m</td> </tr> </table> <p>REF. TV-246</p>				16	30 x 10	16	m/m								
																						
20 m/m	10 x 10 m/m	10 x 10 m/m																				
																						
16	30 x 10	16																				
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<p>DOUBLE BASKET</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>20 m/m</td> <td>10 x 10 m/m</td> <td>10 x 10 m/m</td> </tr> </table> <p>REF. U-P</p>				20 m/m	10 x 10 m/m	10 x 10 m/m	<p>SCROOL FOR SQUARE BAR ON DIAMOND 130 m/m O.D.</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> </tr> <tr> <td>12</td> </tr> <tr> <td style="text-align: center;">m/m</td> </tr> </table> <p>REF. TV-246</p>		12	m/m												
																						
20 m/m	10 x 10 m/m	10 x 10 m/m																				
																						
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<p>SCROLL UP TO 125 m/m O.D.</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>10 x 10</td> <td>30 x 10</td> <td>10</td> </tr> <tr> <td colspan="3" style="text-align: center;">m/m</td> </tr> </table> <p>REF. TV-125</p>				10 x 10	30 x 10	10	m/m			<p>BALAUSTRAD RAILS</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>30 x 10</td> <td>20</td> <td>20</td> </tr> <tr> <td colspan="4" style="text-align: center;">m/m</td> </tr> </table> <p>REF. U-PP</p>					20	30 x 10	20	20	m/m			
																						
10 x 10	30 x 10	10																				
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20	30 x 10	20	20																			
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<p>HOOKS, EYES AND LINKS</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>30 x 10</td> <td>20</td> </tr> <tr> <td colspan="3" style="text-align: center;">m/m</td> </tr> </table> <p>REF. P-E</p>				20	30 x 10	20	m/m			<p>LINKS AND BOW TOPS 95 - 115 - 170 m/m I.D.</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>30 x 10</td> <td>20</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">m/m</td> </tr> </table> <p>REF. U-PP</p>					20	30 x 10	20		m/m			
																						
20	30 x 10	20																				
m/m																						
																						
20	30 x 10	20																				
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<p>BENDING FOR FLAT AND SQUARE BAR</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>16 x 16</td> <td>40 x 10</td> <td>16 x 16</td> </tr> <tr> <td colspan="3" style="text-align: center;">m/m</td> </tr> </table> <p>REF. UPPC</p>				16 x 16	40 x 10	16 x 16	m/m			<p>SCROLL UP TO 246 m/m O.D.</p>  <p>Material Until</p> <table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td>20</td> <td>20</td> </tr> <tr> <td colspan="2" style="text-align: center;">m/m</td> </tr> </table> <p>REF. UVM-20</p>			20	20	m/m							
																						
16 x 16	40 x 10	16 x 16																				
m/m																						
																						
20	20																					
m/m																						

PRICE LIST PREISLISTE 2007

MODEL: T-40



MULTI-ORNAMENTAL MACHINE T-40, CE REGULATIONS.

- Motor 12,5 HP (9,25 Kw).
- Electrics 380 V 3 Phase , 50 – 60 Hz.
- One year warranty against manufacturing fault.
- Automatic Control Panel and Speed Drive.
- **Maximum capacities** of the material:
 - Square bar: 45x45 mm.

EQUIPMENT INCLUDED :

- **P-T.** Twisting tools for square bars 25x25, 30x30, 35x35, 40x40 and 45x45 mm.

OPTIONAL EQUIPMENT:

- ~~T-20 adapter~~
- ~~T-20 machine tooling~~ **NOW INCLUDED IN THE PRICE AS SPECIAL OFFER LIMITED UNITS.**

PRICE LIST PREISLISTE 2007

MODEL: UF-20



FORGING UNIT UF-20, CE MARKING

- Electrobrake motor 7,5 HP (5,5 Kw), with limit switch.
- Electrics 380 V 3 Phase , 50 – 60 Hz.
- Tooling storage system.
- One year warranty against manufacturing fault.
- Maximum capacities of the material:
 - Square bar: 25x25 mm. - Round bar: 25mmØ - Flat bar: 40x10 mm.

EQUIPMENT INCLUDED :

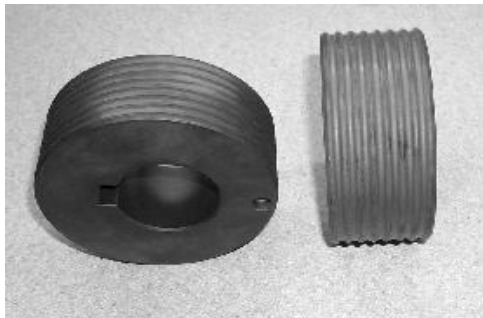
- **RUF-20 EX-PL:** Eccentric Rolls for plain end bars production
- **RUF-20 EX-GR:** Eccentric Rolls for grooved end bars production
- **TPUF-20:** Length stop for bars
- **UF20IVMAN**
- Guide-clamps for 14, 16, 18 and 20 mm (1 pair for each measure, 1 for front and 1 for rear part)

PRICE LIST PREISLISTE 2007

MODEL: UF-20



RUF-20 EX-PL



RUF-20 EX-GR



UF20IVMAN



PRICE LIST PREISLISTE 2007

DIES AVAILABLES POWERHAMMENR MODELS FSB 34-40

REF: 1101	PRICE: 307 €	REF: 1102	PRICE: 498 €
REF: 1103	PRICE: 655 €	REF: 1104	PRICE: 492 €
REF: 1105	PRICE: 448 €	REF: 1106	PRICE: 795 €
REF: 1107	PRICE: 952 €	REF: 1108	PRICE: 850 €
REF: 1109	PRICE: 764 €	REF: 1110	PRICE: 970 €
REF: 1111	PRICE: 507 €	REF: 1112	PRICE: 796 €
REF: 1113	PRICE: 950 €	REF: 1114	PRICE: 970 €
REF: 1115	PRICE: 1.140 €	REF: 1116	PRICE: 970 €
REF: 1119	PRICE: 1.500 €	REF: 1124	PRICE: 1.470 €
REF: 1125	PRICE: 1.470 €	REF: 1127	PRICE: 1.470 €
REF: 1128	PRICE: 796 €	REF: 1129	PRICE: 796 €
REF: 1130	PRICE: 860 €	REF: 1131	PRICE: 796 €
REF: 1132	PRICE: 860 €	REF: 1133	PRICE: 970 €
REF: 1134	PRICE: 895 €	REF: 1135	PRICE: 970 €
REF: 1138	PRICE: 1.540 €	REF: 1139	PRICE: 1.546 €
REF: 1141	PRICE: 1.546 €	REF: 1143	PRICE: 1.546 €
REF: 1144	PRICE: 1.546 €		

DIES AVAILABLES POWERHAMMENR MODELS FSB 50-60

REF: 2101	PRICE: 357 €	REF: 2102	PRICE: 525 €
REF: 2103	PRICE: 752 €	REF: 2104	PRICE: 495 €
REF: 2105	PRICE: 895 €	REF: 2106	PRICE: 844 €
REF: 2107	PRICE: 1.092 €	REF: 2108	PRICE: 1.078 €
REF: 2109	PRICE: 862 €	REF: 2110	PRICE: 1.089 €
REF: 2111	PRICE: 530 €	REF: 2112	PRICE: 828 €
REF: 2113	PRICE: 1.095 €	REF: 2114	PRICE: 1.078 €
REF: 2115	PRICE: 1.300 €	REF: 2116	PRICE: 970 €
REF: 2117	PRICE: 1.144 €	REF: 2118	PRICE: 1.590 €
REF: 2119	PRICE: 1.596 €	REF: 2124	PRICE: 1.590 €
REF: 2125	PRICE: 1.580 €	REF: 2127	PRICE: 1.590 €
REF: 2128	PRICE: 926 €	REF: 2129	PRICE: 926 €
REF: 2130	PRICE: 926 €	REF: 2131	PRICE: 926 €
REF: 2132	PRICE: 926 €	REF: 2133	PRICE: 1.089 €
REF: 2134	PRICE: 1.003 €	REF: 2135	PRICE: 1.089 €
REF: 2136	PRICE: 1.585 €	REF: 2137	PRICE: 1.590 €
REF: 2138	PRICE: 1.655 €	REF: 2139	PRICE: 1.655 €
REF: 2140	PRICE: 1.655 €	REF: 2141	PRICE: 1.655 €
REF: 2142	PRICE: 1.655 €	REF: 2143	PRICE: 1.655 €
REF: 2144	PRICE: 1.655 €		

PRICE LIST PREISLISTE 2007

FV-18 MODEL



TIGHT SCROLL MACHINE FV-18

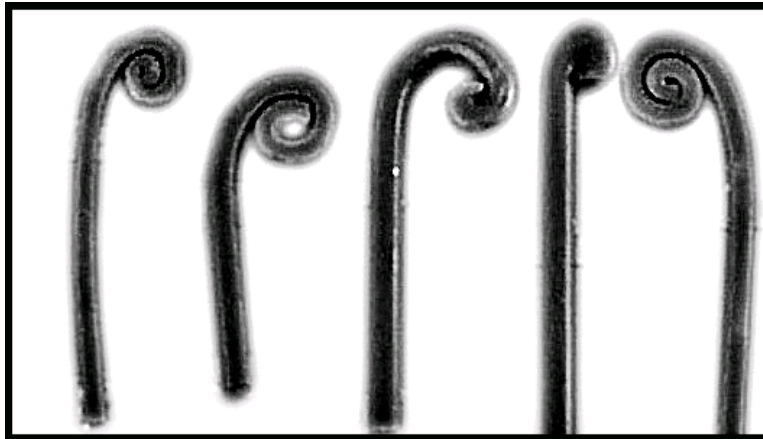
- CE Marking
- 3 Hp motor (2,5 Kw)
- Electrics 380 V 3 phase, 50-60 Hz.
- Hydraulic and pneumatic system
- 1 year warranty against manufacturing fault.
- Maximum capacities of the material:
 - Square: 16x16 mm
 - Round: 20 mm \varnothing
 - Flat bar: 20x10 mm

EQUIPMENT INCLUDED

- **UFV18IVPLET**: Finishing tool for flat bar (for T-20 multi-scroll machine)
- **UFV18IVCUA**: Finishing tool for square bar (for T-20 multi-scroll machine)

FV-18 MODEL

PRICE LIST PREISLISTE 2007



UFV18IVCUA



UFV18IVPLET



EMBOSSING DEVICE UGFT-20

PRICE LIST PREISLISTE 2007

UGFT-20

EMBOSSING UNIT up to 20x20 mm y 40x10 mm.
Includes 1 standard roll for flat bar 40x10 mm for
producing hammered edges (Ref. FSB 0640)

3.695.- €

TO ADAPTED T-1, T-2, T-20, T-40 MODELS



UGFT-20

**WE MAKE ANY CUSTOMIZED PATTERN YOU MAY NEED
FOR YOUR EMBOSSER**

PRICE LIST PREISLISTE 2007



PRICE LIST PREISLISTE 2007

AVAILABLE ROLLS FOR UGFT-20

<u>REFERENCE</u>	<u>DESCRIPCIÓN</u>	<u>PRICE</u>
FSB 0330	Roll for hammering tube : 30 mm	595.-€
FSB 1540P	Roll for embossing 40x10 mm	815.-€
FSB 0220	Roll for EMBOSSING: 20x20 mm	595.-€
FSB 021416	Roll for embossing 14x14 mm y 16x16 mm	750.-€
FSB 021218	Roll for embossing 12x12 mm y 18x18 mm	750.-€
FSB 0640	STANDARD ROLL for Embossing 40x10 mm	520.-€
FSB 0740P	Roll for embossing 40x10 mm	815.-€
FSB 0840P	Roll for embossing 40x10 mm	825.-€
FSB 0940N	Roll for embossing 40x10 mm	815.-€
FSB 1040P	Roll for embossing 40x10 mm	815.-€
FSB 1140P	Roll for embossing 40x10 mm	815.-€
FSB 1240P	Roll for embossing 40x10 mm	815.-€
FSB1340N	Roll for embossing 40x10 mm	815.-€
FSB1440P	Roll for embossing 40x10 mm	815.-€
FSB 1540P	Roll for embossing 40x10 mm	815.-€
FSB 1640P	Roll for embossing 40x10 mm	815.-€
FSB 1740P	Roll for embossing 40x10 mm	815.-€
FSB 2140P	Roll for embossing 40x10 mm	815.-€
FSB 0140P	Roll for embossing 40x10 mm	1.500.-€

PRICE LIST PREISLISTE 2007



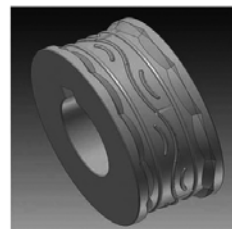
Ref: FSB 1340N (40x10mm)



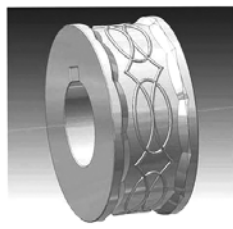
Ref: FSB 1440P (40x10mm)



Ref: FSB 0140P (40x10mm)



Ref: FSB 1540P (40x10mm)



Ref: FSB 0740P (40x10mm)



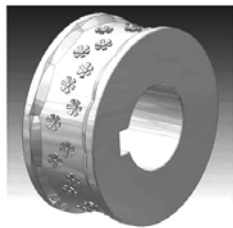
Ref: FSB 0840P (40x10mm)



Ref: FSB 0940N (40x10mm)



Ref: FSB 1540P (40x10mm)



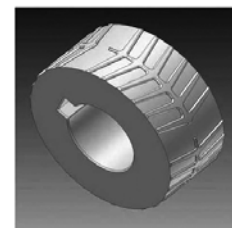
Ref: FSB 1040P (40x10mm)



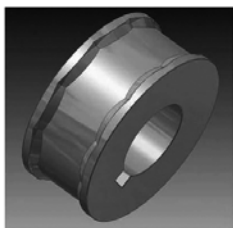
Ref: FSB 1140P (40x10mm)



Ref: FSB 1240P (40x10mm)



Ref: FSB 2240P (40x10mm)



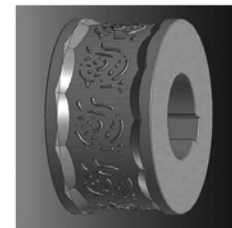
Ref: FSB 0640 (40x10mm)
Ref: FSB 0630 (30x10mm)



Ref: FSB 1740P (40x10mm)



Ref: FSB 1640P (40x10mm)



Ref: FSB 2140P (40x10mm)

EMBOSSING MACHINE UG-60

PRICE LIST PREISLISTE 2007



UG-60 Capacities

MODELO MODEL	TENSION TENSION	POTENCIA MOTOR	PESO WEIGHT	LONGITUD LENGTH	ANCHO WIDTH	ALTURA HEIGHT
UG- 60	220-380 V 3 FASES	5,5 KW	1.300 Kg.	1920 mm.	1.400 mm.	1300 mm.

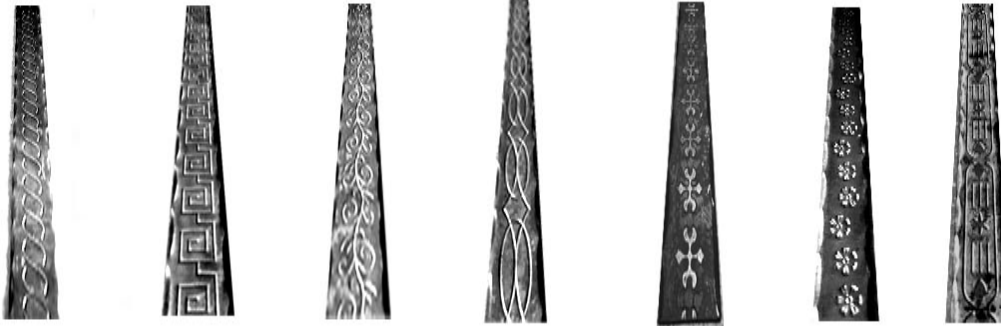
FOR EMBOSING ON THESE MATERIALS:

- TUBE AND PIPE UP TO : 60x2.5 mm.
- FLAT BAR UP TO: 60 mm X 10 mm.
- SOLID SQUARE BARS UP TO 45 x 45 mm.
- WE MAKE CUSTOMIZED ROLLERS
UP TO 270 METERS PER HOUR.

**AVAILABLE ROLLERS FOR THESE WORKS
WE PRODUCE CUSTOMIZED ROLLERS.**

PRICE LIST PREISLISTE 2007

JUST SEND US YOUR PATTERN



08-03
40x8(6)



08-04
40x8(6)



08-02
50x8(6)



08-05
30x8(6)



08-06A
30x8(6)



08-28
14x5



08-43
14x4



08-42
16x4



08-44
14x4



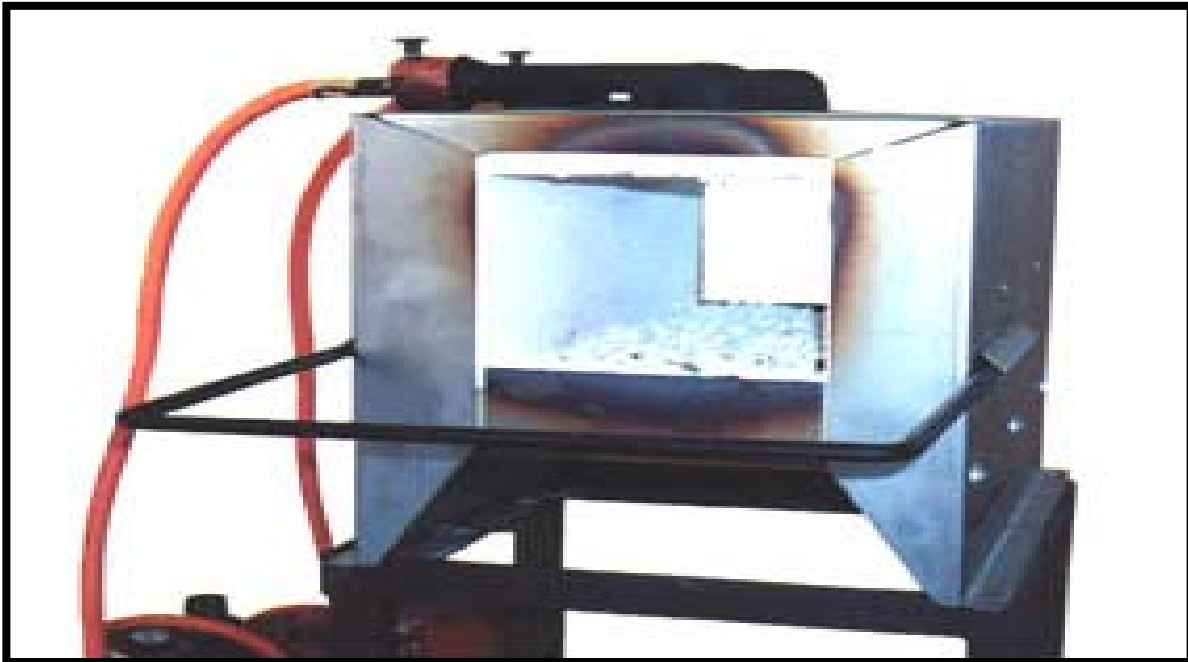
08-68
12/14/16mm



08-08B
25x25

PRICE LIST PREISLISTE 2007

GAS PROPANE FORGING OVEN



FORGING OVEN

REF.	DESCRIPTION	PRICE
HUF10	ATMOSPHERIC GAS PROPANE FORGE OVEN 1 BURNER	1.200.- €
HUF20	ATMOSPHERIC GAS PROPANE FORGE OVEN 2 BURNERS	1.840.-€.

