March 1974

ILLUSTRATED PRICE LIST

PLEASE NOTE:
New Hermes Bench Type machines are delivered fully equipped — ready for immediate operation. Vital accessories which are normally sold as extras are included as standard equipment, such as:

- Automatic depth regulator with micrometer adjustment.
- Self-centering workholding fixture with interchangeable jigs.
- Carbide tipped engraving cutter.

FREE DELIVERY within the continental U.S. if order is accompanied by check.

Representative:
MR. JACK DOMITO
new hermes ENGRAVING MACHINE CORP.
P. O. Box 1677 San Mateo, Calif. 94401
Telephone: (415) 347-6966

new hermes engraving machine corporation
20 COOPER SQUARE (3rd AVENUE & 5th STREET)
NEW YORK, N. Y. 10003 TEL.: (212) 777-3080

SOUTHEAST
2620 Park Central Blvd. Decatur, Ga. 30032
(404) 981-2563

MIDWEST
334 W. 63rd St. Chicago, Ill. 60637
(312) 778-5352

SOUTHWEST
12243 E. Northwest Hwy. Dallas, Texas 75228
(214) 328-8131

WEST COAST
4665 Melrose Ave. Los Angeles, Cal. 90029
(213) 665-4141

CANADA
323 Benjamin Hudson St. Montreal 379, Quebec
(514) 334-1780

3320 Elm Bank Road Malton, Ontario
(416) 677-2224

REPRESENTATIVES IN ALL PRINCIPAL CITIES

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Bench Type

MODEL I-M

- Multi-ratio pantograph, adjustable from 2½:1 to 7:1
- Engraving spindle with shielded ball bearings for ¼" diameter cutters
- Graduated copy table 6" x 16"
- Depth regulator with micrometer adjustment
- Regulator nose, Part #30-303-00
- Universal self-centering vise with interchangeable 6" holding jigs

Carbide tipped cutter, Part #40 307, 0.030 wide

*Universal motor with preloaded ball bearings, 115 volts
Rubberized endless motor belt
Belt guard
Cutter head wrench
Sample roll of double faced tape
Cleaning brush
Instruction booklet
Accessory box
Dust cover

**3 individually adjustable copy holding slides 18" long for ¾" or 1¼" master copy blanks with 6 end stops and 3 centering scales

MODEL I-Lk II

- Multi-ratio pantograph, adjustable from 2½:1 to 7:1
- Engraving spindle with shielded ball bearings for ¼" diameter cutters
- Graduated copy table 4½" x 16"
- Depth regulator with micrometer adjustment
- Regulator nose, Part #30-303-00
- Self-centering nameplate holder with double acting spindle and holding jigs

Carbide tipped cutter, Part #40 307, 0.030 wide

*Universal motor with preloaded ball bearings, 115 volts
Rubberized endless motor belt
Belt guard
Cutter head wrench
Sample roll of double faced tape
Cleaning brush
Instruction booklet
Accessory box
Dust cover

**3 individually adjustable copy holding slides 18" long for ¾" or 1¼" master copy blanks with 6 end stops and 3 centering scales

MODEL I-L II

- Multi-ratio pantograph, adjustable from 2½:1 to 7:1
- Engraving spindle with shielded ball bearings for ¼" diameter cutters
- Graduated copy table 4½" x 16"
- Depth regulator with micrometer adjustment
- Regulator nose, Part #30-303-00
- Self-centering nameplate holder with double acting spindle and holding jigs

Carbide tipped cutter, Part #40 307, 0.030 wide

*Universal motor with preloaded ball bearings, 115 volts
Rubberized endless motor belt
Belt guard
Cutter head wrench
Sample roll of double faced tape
Cleaning brush
Instruction booklet
Accessory box
Dust cover

**3 individually adjustable copy holding slides 18" long for ¾" or 1¼" master copy blanks with 6 end stops and 3 centering scales

*220 volt motor can be supplied on all Engravographs.

**Copyholding slides can be deleted or substituted at list price. (see page...)
ENGRAVING CUTTERS

1/8" Shank Precision Ground

<table>
<thead>
<tr>
<th>Engraving Material</th>
<th>High Speed Steel</th>
<th>Solid Carbide</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHENOLICS</td>
<td>40 304</td>
<td></td>
</tr>
<tr>
<td>GRAVOPLY</td>
<td>40 307</td>
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<tr>
<td>GRAVOFLEX</td>
<td>40 316</td>
<td></td>
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<tr>
<td>ACRYLICS</td>
<td>40 327</td>
<td></td>
</tr>
<tr>
<td>FERROUS METAL</td>
<td>40 324</td>
<td>40 306</td>
</tr>
<tr>
<td>ALUMINUM BRASS</td>
<td></td>
<td>40 308</td>
</tr>
<tr>
<td>MASTER</td>
<td>40 323</td>
<td>40 302</td>
</tr>
<tr>
<td>STENCIL</td>
<td>40 322</td>
<td>40 301</td>
</tr>
</tbody>
</table>

1/8" Shank Precision Ground

<table>
<thead>
<tr>
<th>Prices:</th>
<th>2 Cutters</th>
<th>$ 7.00</th>
<th>$14.00</th>
<th>or any combination of 6, Intermediate widths available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 Assorted</td>
<td></td>
<td>18.00</td>
<td>39.00</td>
<td></td>
</tr>
<tr>
<td>For parallel cutters add 50%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

DIAMOND GRAVER—Non-Rotating
For hardened surfaces
Part No. 40 436 $15.00

TRACING STYLIST—Carbide Tipped
Part No. 05 577 45 $15.00

NOSES FOR DEPTH REGULATOR
Part No.
30 300 00 clearance hole .040 for cutters to .020
30 301 00 " " .060 " " to .040
30 302 00 " " .093 " " to .060
30 303 00 " " .187 " " to .125
ca. $5.00

Boxed assortment of 4 $15.00

HOLDING JIGS
For Universal Vise
Models I-I and II-K
30 767 00 6" long pr. $12.50
30 774 00 8" long pr. 13.50

With adjustable positioning stop:
30 777 00 6" long pr. 13.50
30 778 00 8" long pr. 15.00

For Holding Jigs on Machine Base
Models I-L and II-K
30 761 00 4" long pr. 10.00

For Holding Jigs on Machine Base
For Badges with alligator and snap clips attached:
30 712 49 5" long pr. 15.00

COPY HOLDING SLIDES
(With 2 End Stops and Centering Scale)

<table>
<thead>
<tr>
<th>Length of Slide</th>
<th>Blank Size</th>
<th>Model I-L</th>
<th>Model I-LK</th>
<th>Model I-LK II</th>
<th>Model I-M</th>
</tr>
</thead>
<tbody>
<tr>
<td>13 1/2&quot;</td>
<td>5/8&quot;</td>
<td>33 031 00</td>
<td>33 045 00</td>
<td>33 045 00</td>
<td>$15.00</td>
</tr>
<tr>
<td>18&quot;</td>
<td>5/8&quot;</td>
<td>33 041 00</td>
<td>33 145 00</td>
<td>33 145 00</td>
<td>20.00</td>
</tr>
<tr>
<td>1 1/4&quot;</td>
<td>1 1/4&quot;</td>
<td>33 141 00</td>
<td>33 145 00</td>
<td>33 145 00</td>
<td>20.00</td>
</tr>
<tr>
<td>22&quot;</td>
<td>1 1/4&quot;</td>
<td>33 251 00</td>
<td>33 255 00</td>
<td>33 255 00</td>
<td>35.00</td>
</tr>
<tr>
<td>26&quot;</td>
<td>1 1/4&quot;</td>
<td>33 261 00</td>
<td>33 265 00</td>
<td>33 265 00</td>
<td>40.00</td>
</tr>
</tbody>
</table>

Centering Scales for Above Slides, see page 11.

END STOPS FOR ABOVE SLIDES
Part No.
33 522 00 for 9/16" slide
33 524 00 for 1 1/4" slide
33 527 00 for double-grooved slide
Pair $5.00
3 Pair $10.00

SECTIONAL VERTICAL SLIDES
(With 2 End Stops)

<table>
<thead>
<tr>
<th>Length of Slide</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>33 000 00 5/8&quot;</td>
<td>$10.00</td>
</tr>
</tbody>
</table>

COPY SLIDE CONVERTER
(With 2 End Stops)
Converts double-grooved holding slide to accept two lines of 1 1/4" blanks.
Part No. 33 360 00 22" long $15.00
Part No. 33 360 00 26" long $20.00

MOTOR BELTS (set of 3)
30 215 00 23" long set $5.00

IMPORTANT:

When ordering parts please remember:
1. There is a minimum charge of $15.00 per shipment. Save by combining order to meet minimum.
2. Use part numbers for quicker identification.
3. Give serial number of machine.
**MODEL ITF II**

- Multi-ratio pantograph, (heavy duty) adjustable from 2:1 to 7:1
- Engraving spindle with shielded ball bearings for 11/64" diameter cutters
- Graduated copy table 6" x 16"
- Depth regulator with micrometer adjustment
- Regulator nose, Part #30-303-00
- Self-centering nameplate holder with double acting spindle and holding jigs
- Carbide tipped cutter, Part #42 007, .030 wide
- "Universal motor with preloaded ball bearings, 115 volts"
- "Rubberized endless motor belt 15"
- Belt guard
- Cutter head wrench
- Sample roll of double faced tape
- Cleaning brush
- Instruction booklet
- Accessory box
- Allen wrench
- Dust cover

**"3 individually adjustable copy holding slides 18" long for 3/4" or 1 1/4" master copy blanks with 6 end stops and 3 centering scales"**

**MODEL ITF-K II**

- Multi-ratio pantograph, (heavy duty) adjustable from 2:1 to 7:1
- Engraving spindle with shielded ball bearings for 11/64" diameter cutters
- Graduated copy table 6" x 16"
- Depth regulator with micrometer adjustment
- Regulator nose, Part #30-303-00
- Universal self-centering vise K-1 with interchangeable 6" holding jigs
- Self-centering nameplate holder with double acting spindle and holding jigs
- Carbide tipped cutter, Part #42 007, .030 wide
- "Universal motor with preloaded ball bearings, 115 volts"
- "Rubberized endless motor belt 15"
- Belt guard
- Cutter head wrench
- Sample roll of double faced tape
- Cleaning brush
- Instruction booklet
- Accessory box
- Allen wrench
- Dust cover

**"3 individually adjustable copy holding slides 18" long for 3/4" or 1 1/4" master copy blanks with 6 end stops and 3 centering scales"**

**MODEL ITX**

- Multi-ratio pantograph, (heavy duty) adjustable from 2:1 to 7:1
- Engraving spindle with shielded ball bearings for 11/64" diameter cutters
- Graduated copy table 6" x 16"
- Depth regulator with micrometer adjustment
- Regulator nose, Part #30-303-00
- Heavy duty Universal self-centering vise SC-1 with 1 pair of 8" and 1 pair of 12" holding jigs
- Scissor jack
- Carbide tipped cutter, Part #42 007, .030 wide
- "Universal motor with preloaded ball bearings, 115 volts"
- "Rubberized endless motor belt 15"
- Belt guard
- Cutter head wrench
- Sample roll of double faced tape
- Cleaning brush
- Instruction booklet
- Accessory box
- Allen wrench
- Dust cover

**"3 individually adjustable copy holding slides 18" long for 3/4" or 1 1/4" master copy blanks with 6 end stops and 3 centering scales"**

With extra large workholder #SC-3 (Illustrated on next page) substituted for standard workholder #SC-1

**"Copyholding slides can be deleted or substituted at list price. (see page 5)"**

*220 volt motor can be supplied on all Engravers.*
ENGRAVING CUTTERS

11/64" Shank  Precision Ground

<table>
<thead>
<tr>
<th>Engraving Material</th>
<th>High Speed Steel</th>
<th>Carbide Tipped</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHENOLICS</td>
<td>42 004</td>
<td></td>
</tr>
<tr>
<td>GRAYPOLY</td>
<td>42 007</td>
<td></td>
</tr>
<tr>
<td>GRAYFLEX</td>
<td>42 016</td>
<td></td>
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<tr>
<td>ACRYLICS</td>
<td>42 027</td>
<td></td>
</tr>
<tr>
<td>FERROUS METAL</td>
<td>42 024</td>
<td>42 006</td>
</tr>
<tr>
<td>ALUMINUM BRASS</td>
<td></td>
<td>42 008</td>
</tr>
<tr>
<td>MASTERS</td>
<td>42 023</td>
<td>42 002</td>
</tr>
<tr>
<td>STENCILS</td>
<td>42 022</td>
<td>42 001</td>
</tr>
</tbody>
</table>

Prices:
- 2 Cutters $ 8.50 $17.00
- 6 Assorted 22.50 48.00

For parallel cutters add 50%

DIAMOND GRAVER—Non-Rotating
For hardened surfaces
Part No. 42 036 $17.50

TRACING STYLUS—Carbide-Tipped
Part No. 58 640 30 $15.00

NOSES FOR DEPTH REGULATOR
Part No.
30 300 00 clearance hole .040 for cutters to .020
30 301 00 " .050 " .060 " to .040
30 302 00 " .093 " .120 " to .060
30 303 00 " .187 " .210 " to .171
Boxed assortment of 4 $15.00
30 313 00 clearance hole .312 for very wide cuts with special retaining nut $8.00

HOLDING JIGS

For Universal Vise
Model ITF-K
30 767 00 6" long pr. $12.50
30 774 00 8" long pr. 13.50
Model ITX
30 767 00 6" long pr. 12.50
30 774 00 8" long pr. 13.50
30 724 00 12" long pr. 15.00
With adjustable positioning stop:
Model ITF-K
30 777 00 6" long pr. 13.50
30 778 00 8" long pr. 15.00
Model ITX
30 777 00 6" long pr. 13.50
30 778 00 8" long pr. 15.00
30 730 00 12" long pr. 17.50

For Holding Jigs on Machine Base
Model ITF & ITF-K
For machines with numbers up to 75811
30 752 00 6" long pr. $10.00
For machines starting with number 76000 & up
30 753 57 pr. 10.00
For Bedges with alligator and snap clips attached:
Model ITF
30 712 40 3" long pr. $15.00

COPY HOLDING SLIDES
(With 2 End Stops and Centering Scale)

Length of Slide Blank Size Model ITF Model ITF-K Prices
18" 5/8" 33 045 00 33 042 00 $20.00
1½" 33 145 00 33 142 00 20.00
22" 1¼" 33 255 00 33 252 00 35.00
2½" 33 265 00 33 262 00 40.00
26" 5/8" 33 165 00 33 162 00 30.00
1¼" 33 275 00 33 272 00 45.00
1½" 33 075 00 33 072 00 40.00
1½" 33 175 00 33 172 00 40.00
2½" 33 275 00 33 272 00 55.00
4½" 33 475 00 33 472 00 55.00

Centering Scales for Above Slides, see page 11.

END STOPS FOR ABOVE SLIDES

Part No.
33 521 00 for 5/8" slide 33 527 00 for double-grooved slide Pair $5.00
33 524 00 for 1¼" slide 33 534 00 for 4½" slide 3 Pair $10.00

COPY SLIDE CONVERTER
(With 2 End Stops)
Converts double-grooved holding slide to accept two lines of 1¼" blanks.
Part No. 33 350 00 22" long $15.00
Part No. 33 360 00 26" long 20.00
Part No. 33 370 00 36" long 25.00

MOTOR BELTS (set of 3)
30 215 00 23" long $5.00
30 213 00 15" long

MACHINE STAND FOR MODEL ITX
(Includes two storage shelves)
A sturdy, space saving stand which takes away all the strain from standing or stooping. Allows operation of the machine in a comfortable sitting position. Equipped with two shelves for extra storage space.
30 360 00 $25.00
30 370 00 2 adjustable swivel trays $12.00

SC-3 UNIVERSAL WORKHOLDER
Part No. 66 300 03 for Model l-TX
Part No. 66 300 04 for Model VB

Designed for clamping large panels up to 16" wide and tubular objects up to 6" in diameter by 16" long. Gear arrangement facilitates turning tubes during engraving operation. The entire unit can be moved back, forth and laterally. It can also be swiveled around for engraving in any position. Specifications: Maximum opening of jaws 19½"; Height of jaws 4⅛; Width of jaws 3½; Longitudinal travel 22½; Traverse travel 31½. Includes: 2 pair of jigs, wooden cones with scissor jack, Part No. 30 380 00 $250.00
30 380 00 $275.00
Bench Type

WITH THE FOLLOWING STANDARD EQUIPMENT

MODEL IRX-III

Multi-ratio pantograph (heavy duty) adjustable from 2:1 to 8:1
Engraving spindle with shielded ball bearings for 1/4" diameter cutters
Graduated copy table, 24" x 10"
Depth regulator with micrometer adjustment and regulator nose
Self-centering nameplate holder with double acting spindle and holding jigs
Carbide tipped cutter,
Part #43 007, .030 wide
*Universal motor with preloaded ball bearings, 115 volts

*220 volt motor can be supplied

Accessories

ENGRAVING CUTTERS
1/4" Shank Precision Ground

<table>
<thead>
<tr>
<th>Engraving Material</th>
<th>High Speed Steel</th>
<th>Carbide Tipped</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHENOLICS</td>
<td>43 004</td>
<td></td>
</tr>
<tr>
<td>GRAVOPLY</td>
<td>43 007</td>
<td></td>
</tr>
<tr>
<td>GRAVOPLEX</td>
<td>43 016</td>
<td></td>
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<tr>
<td>ACRYLICS</td>
<td>43 027</td>
<td></td>
</tr>
<tr>
<td>FERROUS METALS</td>
<td>43 024</td>
<td>43 006</td>
</tr>
<tr>
<td>ALUMINUM BRASS</td>
<td>43 008</td>
<td></td>
</tr>
<tr>
<td>MASTERS</td>
<td>43 023</td>
<td>43 002</td>
</tr>
<tr>
<td>STENCILS</td>
<td>43 022</td>
<td>43 001</td>
</tr>
</tbody>
</table>

Prices:
- 2 Cutters: $8.50
- 6 Assorted: 22.50

For parallel cutters add 50%

DIAMOND GRAVER—Non-Rotating
For hardened surfaces
Part No. 43 036 $17.50

TRACING STYLUS
Part No. 55 646 30 Hardened tool steel: 5.00
Part No. 55 647 33 Carbide tipped: 15.00

NOSES FOR DEPTH REGULATOR
30 310 00 clearance hole .053 for cutters to .060
30 311 00 " .187 " to .125
30 312 00 " .250 " to .187
30 313 00 " .312 " to .250

Boxed assortment of 4 $15.00

MOTOR BELTS
55 536 00 for machines with Idler Arm Assembly,
set of 2 $5.00
30 216 00 for Models I-R or IRX-II beginning with
serial No. 275,000 up to No. 275,556,
27" long
set of 3 $5.00
30 215 00 for Model IRX 23" long
set of 3 $5.00

HOLDING JIGS
For nameplates
Part No. 30 752 00 6" long pr. 10.00
For Badges with alligator and snap clips attached:
30 712 40 3" long pr. 15.00

COPY HOLDING SLIDES
(With 2 End Stops and Centering Scale)

Length of Slide | Blank Size | Model IRX | Prices |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>26&quot;</td>
<td>5/8&quot;</td>
<td>33 064 00</td>
<td>$30.00</td>
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<tr>
<td>1 1/4&quot;</td>
<td>1 1/4&quot;</td>
<td>33 164 00</td>
<td></td>
</tr>
<tr>
<td>36&quot;</td>
<td>5/8&quot;</td>
<td>33 074 00</td>
<td>$40.00</td>
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<tr>
<td></td>
<td>1 1/4&quot;</td>
<td>33 174 00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 1/4&quot;</td>
<td>33 274 00</td>
<td>$55.00</td>
</tr>
</tbody>
</table>

Centering Scales for Above Slides, see page 11.

END STOPS FOR ABOVE SLIDES
Part No.
33 521 00 for 5/8" slide
33 524 00 for 1 1/4" slide
33 527 00 for double-grooved slide
33 534 00 for 4 1/4" slide
Pair $5.00
3 Pair $10.00

COPY SLIDE CONVERTER
(With 2 End Stops)
Converts double-grooved holding slide to accept two lines of 1/4" blanks.
Part No. 33 360 00 26" long 20.00
Part No. 33 370 00 36" long 25.00

FOOT SWITCH
Can be used with all Engravers.
Part No. 31 081 00 $12.00
Cutter Grinder Model CG-4

belt-driven with precision ball bearing spindle

*Universal motor with preloaded ball bearings, 115 volts
Tool head with indexing device
Grinding wheel, 30 271 00
**Collet for 1/4", 1/8", 1/8", or 1/8" cutters

Diamond dresser
Endless motor belt
Socket spindle wrench
Spindle lock pin
Instruction booklet

**specify collet size required
*220 volt motor available

GRINDING WHEELS
Part No.
30 272 00 2¼" silicon carbide wheel for rough grinding of carbide cutters Set of 2 $6.00
30 273 00 2½" resin bond diamond wheel for carbide cutters $95.00
30 274 00 2½" grinding wheel for high speed steel cutters Set of 2 $9.00

GRINDER COLLETS
Part No.
30 236 00 spring collet for 1/4" cutters
30 237 00 " " 1/8" "
30 238 00 " " 1/8" "
30 239 00 " " 1/8" "
30 240 00 " " 1/8" 

ea. $15.00
Part No. 30-241 taper shank adapter (to be used with 1/8" collet) 15.00

DIAMOND DRESSER
Part No.
30 274 00 for 1/4" collet
30 275 00 " 1/8" "
30 276 00 " 1/8" "
30 277 00 " 1/8" "
each $15.00

Beveler Model B-4

WITH THE FOLLOWING STANDARD EQUIPMENT

*Universal motor with pre-loaded ball bearings, 115 volts
Endless motor belt
Cutter spindle with shielded ball bearings & adjustment for depth
Carbide tipped beveling cutter, 45°

*220 volt motor available

BEVEL AND BORDER CUTTERS
1/4" Diameter — Carbide Tipped
Precision ground
Part No.
40 510 bevel cutter 30° angle
40 511 bevel cutter 45° angle
40 512 border cutter for all border widths from 1/4" up to 1/4" 2 for $14.00

IMPORTANT:
When ordering parts please remember:
1. There is a minimum charge of $15.00 per shipment. Save by combining order to meet minimum.
2. Use part numbers for quicker identification.
3. Give serial number of machine.

For Cutter Grinder MOTOR BELTS (set of 3)
30 214 00 17 1/8" long set $5.00
For Beveler MOTOR BELTS (set of 3)
30 211 00 9 1/2" long (for B-2, B-3 & B-4)
30 213 00 15" long (for B-1) set $5.00
MODEL VB-III

Pantograph assembly with precision ball bearings on all joints
Ratio settings 1:1 to 100:1
Heavy duty cutter spindle with precision ball bearings
  with collet for 5/16” straight shank cutters
  and micrometer adjustment for depth
Compound table with longitudinal travel 9½”
  and transverse travel 7½”
“Motor with precision ball bearings for
  continuous duty 1/5 H.P. A.C. 3450 RPM
Endless motor belts
2 T bolts with straps 3” long
2 T bolts with straps 5” long
2 high speed steel engraving cutters
Graduated copy table 24” x 10”
Set of wrenches
Sample roll of double faced tape
Accessory box
Cleaning brush
Instruction booklet
Dust cover

“220 volt motor can be supplied.

CABINET BENCH

Heavy gauge steel complete with storage shelf for type boxes and
storage bin for accessories.

Part No. 30 384 00

Model VB-III is available with a pneumatic attachment which consists of:
Air cylinder, Regulator with pressure gauge, Feed regulator, Air hose ready to be con-
nected to any compressor, Jacobs chuck with key for drills up to ¾”...add $175.00
ENGRAVING CUTTERS
5/16" Straight Shank. Precision Ground

State cutting width desired
Intermediate widths available
(add'l information on back page)

<table>
<thead>
<tr>
<th>Engraving Material</th>
<th>High Speed Steel</th>
<th>Carbide Tipped</th>
<th>Carbide tipped for extra wide cut on plastics</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHENOLICS</td>
<td></td>
<td>44 105</td>
<td></td>
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<tr>
<td>GRAVOLY</td>
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<td>44 107</td>
<td></td>
</tr>
<tr>
<td>GRAVIFLEX</td>
<td></td>
<td>44 116</td>
<td></td>
</tr>
<tr>
<td>ACRYLICS</td>
<td>44 127</td>
<td></td>
<td>4 4 2 1 5 3/6” width with 1/4&quot; shank</td>
</tr>
<tr>
<td>FERROUS METALS</td>
<td>44 124</td>
<td>44 106</td>
<td></td>
</tr>
<tr>
<td>ALUMINUM BRASS</td>
<td>44 108</td>
<td></td>
<td>4 4 3 1 5 1/2” width with 1/4&quot; shank</td>
</tr>
<tr>
<td>MASTER</td>
<td>44 123</td>
<td>44 102</td>
<td></td>
</tr>
<tr>
<td>STENCIL</td>
<td>44 122</td>
<td>44 101</td>
<td></td>
</tr>
</tbody>
</table>

Prices: 2 for $7.00 2 for $17.00 $15.00 each
For parallel cutters, add 50%

DIAMOND GRAYER
Non-rotating for diamond drag on hardened surfaces Part No. 44 136 $15.00

NOSES FOR DEPTH REGULATOR
Part No.
30 510 00 clearance hole .095 for cutters to .060
30 511 00 " " .187 " " to .125
30 512 00 " " .250 " " to .187
30 513 00 " " .312 " " to .250
Boxed assortment of 4 $15.00

COLLETS
30 252 00 for 1/4" diameter cutters
30 253 00 " 5/32" " "
30 254 00 " 3/32" " "
30 255 00 " 1/8" " ea. $15.00
Part No. 30 241 taper shank adaptor (to be used with 5/32" collet) 15.00

DEPTH REGULATOR
With depth regulator nose for Models VB and VB-II:
Part No. 61 800 00 $39.00
for Model VB-III:
Part No. 61 800 25 $39.00

TRACING STYLiUS
61 474 41 Hardened tool steel $ 5.00
61 474 46 Carbide tipped 15.00

IMPORTANT:
When ordering parts please remember:
1. There is a minimum charge of $15.00 per shipment. Save by combining order to meet minimum.
2. Use part numbers for quicker identification.
3. Give serial number of machine.

For Model VB only:
SC-1 UNIVERSAL SELF-CENTERING VISE WITH INTERCHANGEABLE HOLDING JIGS
Maximum opening of jaws 7" Height of jaws 3"
Width of jaws 3" Longitudinal travel 7 1/4" Traverse travel 2 1/2"
Part No. 66 100 04 $150.00
For larger capacity with jaw opening to 19 1/2", see Universal Workholder SC-3, Part No. 66 300 04 on page 5.
$250.00

For Models VB-II and VB-III only:
SC-1 UNIVERSAL SELF-CENTERING VISE WITH INTERCHANGEABLE HOLDING JIGS
Maximum opening of jaws 7" Height of jaws 3"
Width of jaws 3"
Part No. 66 102 25 $150.00
For larger capacity with jaw opening to 19 1/2", see Universal Workholder SC-3, Part No. 66 300 05 on page 5.
$250.00

COPY HOLDING SLIDES
(With 2 End Stops)

LENGTH OF SLIDE
Blank Size  Model VB  Price
25"  33 066 00  $30.00
1 3/4"  33 166 00  30.00
1 1/4"  33 266 00  40.00
36"  33 276 00  55.00
4 1/2"  33 476 00  55.00

Centering Scales for Above Slides, see page 11.

END STOPS FOR ABOVE SLIDES
Part No.
33 512 00 for 1/4" slide
33 524 00 for 1 3/4" slide
33 627 00 for double-grooved slide
33 634 00 for 4 1/2" slide
Pair $5.00
3 Pair $10.00

T BOLTS WITH STRAPS
Part No. 61 870 00 3" long
Part No. 61 880 00 5" long
pr. $10.00

MOTOR BELTS
Part No. 61 830 00 2 for $5.00
For engraving up to 6 objects simultaneously in one operation.

This time saving production machine is available with quick clamping self-centering workholders for manual operation or pneumatic vises for automatic clamping.

We suggest that you let us have samples of your engraving requirements so that our Engineering Department can suggest the most suitable equipment.

Ball bearing pantograph with ratio settings from 2:1 to 6:1
Stainless steel copy table with graduated setup scales
3 adjustable copy holding slides 18" long. for \( \frac{3}{8} \)" master blanks
or
for 1¼" master blanks
Complete pneumatic equipment with feed control, air cylinder, regulator with pressure gauge, air hoses, with ready connection for:
6 pneumatically operated ball bearing cutter spindles for 11/64" diameter cutters
6 universal self-centering clamping vises, adjustable for longitudinal and traverse travel, maximum opening 4¾"
6 pair of interchangeable holding jigs, Part No. 30 725 00

Although the illustrated machine is equipped with 6 motor driven spindles, it can also be ordered as a 3, 4 or 5 spindle unit.
In that case, a credit of $250.00 per unit can be given.

Complete $4,800.00

Combination Seal — Nameplate Engraver

MODEL I-Lk II equipped for seal engraving

INCLUDES
• Multi-ratio pantograph, adjustable from 2½":1 to 6:1
• Graduated copy table 4½" x 16"
• 1 double grooved slide for 1¼" and 2½" master copy blanks
• Self centering nameplate holder with double acting spindle
• 1 Seal Indexing Fixture, Part #35 255 00, consisting of 2 dials, with 49 characters in each, for 1½", 1¾" and 2" diameter seals
• Universal motor with preloaded ball bearings, 115 volts
• 2 High speed steel cutters
• Sample roll of double faced tape

For spare parts and accessories, see listings under Model I-L.
ENGRAVER'S ENAMEL

Especially made for filling engraved surfaces with contrasting colors. It can be used on all engravings in metal, plastic, mother-of-pearl, etc. The porcelain-like finish dries hard rapidly and gives the engraved letter a high gloss.

Black  Medium Green
Brilliant Blue Medium Orange
Fire Red White
Lemon Yellow Bright Gold

Available in 1½ pint cans only. 4 cans to a carton in any color combination.  Part No. 30 450 00  per ctn. $15.00

ENGRAVOCOLOR STICK
(For Plastic Only)

White  Green  Yellow
Red  Blue  Silver
Black  Gold

Packed a dozen assorted colors to a carton.  Part No. 30 465 00  per ctn. $6.00

DOUBLE FACED ADHESIVE TAPE

For attaching individual master copy type whenever layout requires. 25 yards by 1" roll.  Part No. 30 445 00  $4.50

ENGRAVOLUBE-LUBRICANT

Prolongs life of cutters. Prevents burrs and guarantees a clean engraving on all metals or very soft plastic. Packed 6 plastic squeeze bottles to a carton.  Part No. 30 460 00 per carton $12.00  (4 Fl. oz. bottle)

ALOXIDE
To blacken engraving on Anodized Aluminum

GRAVOXIDE
To blacken engraving on Lacquered Brass

Both solutions induce a chemical reaction that permanently blackens all engraved areas, creating a strong contrasting effect.

Part No. 30 406 00 Aloxide 4 fl. oz.
Part No. 30 461 00 Gravoxide 4 fl. oz.
3 to a carton $10.00

FOOT SWITCH
Can be used with all Engravographs.  Part No. 31 081 00  $12.00

CUTTER HEAD WRENCH
For adjusting screws on cutter head.  Part No. 31 210 00  2 for $3.00

CENTERING SCALES

30 339 30, 13½" long, for 5/8" slide
30 340 30, 18" long, for 11/16" slide
30 341 30, 26" long, for 5/8" and 11/16" slides
30 343 30, 22" long, for 13/16" slides
30 344 30, 26" long, for 23/16" slides
30 345 30, 36" long, for 13/16" and 23/16" slides

$3.00 each

IMPORTANT: When ordering parts please remember:
1. There is a minimum charge of $15.00 per shipment. Save by combining order to meet minimum.
2. Use part numbers for quicker identification.
3. Give serial number of machine.
RESHARPENING SERVICE OF ROTATING CUTTERS

<table>
<thead>
<tr>
<th></th>
<th>High Speed Steel</th>
<th>Carbide Tipped</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 to 4 cutters</td>
<td>$2.50 ea.</td>
<td>$3.00 ea.</td>
</tr>
<tr>
<td>5 or more cutters</td>
<td>2.00 ea.</td>
<td>2.50 ea.</td>
</tr>
</tbody>
</table>

For customers who use New Hermes resharpening service only, rotating cutters, when worn due to multiple grinding, will be exchanged at the resharpening charge — however, cutters damaged beyond repair will not be resharpened. Grinding of parallel cutters add 50% to above prices.

HOW TO SELECT WIDTH OF CUTTER

The width of cut is determined by the height of character. For example, a ¼" high letter requires an approximate .030 width of cut—⅛" high letter requires approximate .060 width of cut. Below is a guide for the most suitable widths of cuts to use for characters of various heights:

<table>
<thead>
<tr>
<th>Height of Character</th>
<th>⅛&quot;</th>
<th>¼&quot;</th>
<th>⅜&quot;</th>
<th>½&quot;</th>
<th>¾&quot;</th>
<th>1&quot;</th>
<th>1¼&quot;</th>
<th>2&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width of Cutter</td>
<td>.020</td>
<td>.030</td>
<td>.040</td>
<td>.060</td>
<td>.090</td>
<td>.125</td>
<td>.171</td>
<td>.250</td>
</tr>
</tbody>
</table>

These sizes are approximate and may vary with the style of type used.

Maximum width of cut obtainable with Models 14-, 1-Lk, 1-M .125
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