ENGRAYER – MODEL 290-01
Identify and personalize your valuables. Use for decorative engraving.
- Engraves metal, glass, wood, plastic, and ceramics.
- Holding area allows for extended use.
- Soft grip adds extra comfort and control.

CONTENTS
- Engraver Tool
- Carbide Point (9924)
- Letter / Number Template

Motor: 115V, AC/115V, 60Hz, 2 amps/0.2 A
Strokes: 7,200/SPM
Tool Weight: 12 oz. (340 g)

Light and compact design. Comfortable use for precision engraving performance.
Stroke adjustment dial. Regulates engraving depth from fine lines to deep grooves.
Replaceable carbide and diamond points. Engrave on soft or hard materials.

ACCESSORIES:
- Carbide Point – Model 9924 (normal applications)
- Diamond Point – Model 9929 (for continuous use)
What Is a Rotary Tool?
Rotary tools are hand held power tools that use high rpm and low torque to safely and manageably undertake a variety of tasks. Why a Dremel high speed rotary tool over any other? For starters, we invented the category. Since AJ Dremel invented the first high speed rotary tool over 70 years ago no other brand has worked harder to bring its users a more complete and innovative system of tools, accessories, and attachments. Over the years Dremel rotary tools have become the gold standard in versatility, performance, comfort, and quality by which all other rotary tools are judged.

What Is an Oscillating Tool?
Oscillating tools, like rotary tools, utilize a variety of accessories that enable them to take on tasks that it once took many other tools to accomplish. But rather than using a spinning motion like a rotary tool, an oscillating tool’s accessory “oscillates” using 3” of rapid side-to-side motion occurring between 10,000 and 20,000 times per minute. With the broad range of Multi-Max accessories available from the Dremel brand; you can use your tool as a power scraper, plunge saw, multi-purpose cutting tool, detail sander, grout remover, rust remover and a mini grinder.

Tools That Perform When the Other Tools Won’t.
A comment we hear fairly frequently is, “The only way I could do it was with a Dremel tool.” Sometimes, when you can’t figure out how to get the job done, a Dremel rotary tool or oscillating tool provides the only solution. Dremel tool attributes of compact size, versatility and superior ergonomics are the perfect characteristics for completing work in tight spaces, demanding precision, or requiring superior tool control. The Dremel brand has the tools, attachments and accessories to help you make your specialized project a success.
# Rotary Tools

## Rotary Tool Overview - Corded

<table>
<thead>
<tr>
<th>Model</th>
<th>-000</th>
<th>300 Series</th>
<th>100 Series</th>
<th>200 Series</th>
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<tbody>
<tr>
<td>Amps</td>
<td>1.6</td>
<td>1.15</td>
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<tr>
<td>Speed Range</td>
<td>5,000 - 35,000 RPM</td>
<td>5,000 - 35,000 RPM</td>
<td>15,000 and 35,000 RPM</td>
<td>35,000 RPM</td>
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<tr>
<td>Electronic Feedback Control</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
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<tr>
<td>Number of Speeds</td>
<td>Variable</td>
<td>Variable</td>
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<td>1</td>
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<tr>
<td>Soft Grip</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Grip Style</td>
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<td>In-line</td>
<td>In-line</td>
<td>In-line</td>
</tr>
<tr>
<td>Separate On/Off Speed Control</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Accepts High Performance Attachments</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
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## Rotary Tool Overview - Cordless

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<tr>
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<td>Ni</td>
<td>Ni Cd</td>
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<tr>
<td>Speed Range</td>
<td>5,000 - 35,000 RPM</td>
<td>5,000 - 25,000 RPM</td>
<td>10,000 and 20,000 RPM</td>
<td>6,500 and 13,000 RPM</td>
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<tr>
<td>Electronic Feedback Control</td>
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<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Number of Speeds</td>
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<td>2</td>
</tr>
<tr>
<td>Soft Grip</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
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<tr>
<td>Grip Style</td>
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<td>Pistol</td>
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<tr>
<td>Separate On/Off Speed Control</td>
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<td>Yes</td>
<td>No</td>
<td>No</td>
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<tr>
<td>Accepts High Performance Attachments</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>Weight [oz.]</td>
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<td>9.0</td>
<td>12.0</td>
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<tr>
<td>Warranty</td>
<td>2 year</td>
<td>2 year</td>
<td>2 year</td>
<td>2 year</td>
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</tbody>
</table>
**Corded Rotary Tools**

**DREMEL 4000**

**High Performance Rotary Tool**

**Does it All, Better.™**

- **Variable Speed**
  - Maintains speed under load.
  - For greater versatility. Controls do not interfere with grip.

- **Electronic Feedback**
  - Retains speed setting for ease of use.
  - For fast accessory changes.
  - Close to bit.
  - Can be used with all Dremel attachments and accessories.

- **360° Grip Zone**
  - With soft grip for comfort and control.

- **High Performance Motor**
  - For maximum performance at all speeds.

- **Replaceable Motor Brushes**
  - For longer motor life.

**Contents**

- 4000 High Performance Rotary Tool
- Planer
- Flex Shaft
- Circle Cutter
- Sanding/Grinding Guide
- Cutting Guide
- Detail Nose Piece
- Lawn Mower and Garden Tool Sharpener
- Storage Case
- Accessory Case
- Quick Start Book
- Wrench

**50 Assorted Accessories**

- 107 Engraving cutter
- 100 Drift bit
- 104 High speed cutter
- 401 Mandrel
- 405 Broach tool
- 407 Coarse 1/2" sanding drum
- 408 Coarse 1/2" sanding drum (2)
- 411 Medium sanding discs (2)
- 413 Fine sanding discs (2)
- 414 Small left wheel (2)
- 420 HD emery cut-off wheel (4)
- 423 Polishing compound
- 428 Carbon steel brush
- 429 Large left wheel
- 432 Medium 1/2" sanding band (2)
- 442 Carbon steel brush
- 445 Fine 1/2" sanding band (2)
- 449 3/32" collet
- 540 1/4" cut-off wheel bulk
- 541 Aluminum oxide wheel
- 542 Aluminium oxide wheel
- 545 Multipurpose cutting bit
- 546 3/32" cut-off wheel
- 623 1/4" cut-off wheel
- 8193 3/32" collet
- 84022 Silicon carbide stone
- 8401 Silicon carbide stone
- 84012 1/2" lock mandrel
- 84019 1/2" Thru-Machined cut-off wheel
- 84232 1/2" lock polisher wheel
- 84245 1/2" reinforced cut-off wheel
- 84476 1/2" reinforced cut-off wheel
- 82315 300 grit abrasive buff
- 82316 280 grit abrasive buff
- 82318 200 grit abrasive buff
- 82320 150 grit abrasive buff
- 82321 100 grit abrasive buff
- 82322 50 grit abrasive buff
- 82323 10 grit abrasive buff

**High Performance Attachments**

- Designed to utilize the power and performance of the High Performance Rotary Tool.

**ATTACHMENTS**

- **Planer – Model PL400**
- **Multisaw – Model MS400**
- **Detailer’s Grip – Model A577**
- **Sanding/Grinding Guide – Model A576**

**Does it All, Better.™**

**Limited Warranty**
### 4000 KIT – MODEL 4000-3/34

- **4000 High Performance Rotary Tool**
- **Detailer's Grip**
- **Sanding/Grinding Guide**
- **Cutting Guide**
- **Storage Case**
- **Accessory Case**
- **Quick Start Book**
- **Wrench**

#### 34 ASSORTED ACCESSORIES

- **4000 High Performance Rotary Tool**
- **Detailer's Grip**
- **Sanding/Grinding Guide**
- **Cutting Guide**
- **Storage Case**
- **Accessory Case**
- **Quick Start Book**
- **Wrench**

#### CONTENTS

- Engraving cutter
- Drill bit
- Mandrel
- Bristle brush
- Coarse 1/2" sanding drum
- Coarse 1/2" sanding band
- Coarse sanding discs (2)
- Medium sanding disc
- Fine sanding disc
- Small felt wheel (3)
- HD emery cut-off wheel (2)
- Polishing compound
- Carbon steel brush
- Large felt wheel
- Medium 1/2" sanding band (3)
- Fine 1/2" sanding band (2)
- Medium sanding discs (2)
- 3/32" collet
- 1-1/4" cut-off wheel bulk
- Multipurpose cutting bit
- Aluminum oxide stone
- Aluminum oxide stone
- Silicon carbide stone
- EZ Lock mandrel
- 1-1/2" reinforced cutoff wheel
- Aluminum oxide wheel
- Fiberglass cut-off wheel (2)
- Carbon steel brush
- Large left wheel
- Medium 1/2" sanding band (2)
- Fine 1/2" sanding band (2)
- Medium 1/2" sanding band (3)
- Fine cutting discs (2)
- Medium cutting discs (2)
- 3/32" collet
- 1-1/4" cut-off wheel bulk
- Multipurpose cutting bit
- Aluminum oxide stone
- Aluminum oxide stone
- Silicon carbide stone
- EZ Lock mandrel
- 1-1/2" reinforced cutoff wheel
- Aluminum oxide wheel
- Fiberglass cut-off wheel (2)
- Carbon steel brush
- Large left wheel
- Medium 1/2" sanding band (2)
- Fine 1/2" sanding band (2)
- Medium 1/2" sanding band (3)
- Fine cutting discs (2)
- Medium cutting discs (2)
- 3/32" collet
- 1-1/4" cut-off wheel bulk
- Multipurpose cutting bit
- Aluminum oxide stone
- Aluminum oxide stone
- Silicon carbide stone
- EZ Lock mandrel
- 1-1/2" reinforced cutoff wheel
- Aluminum oxide wheel
- Fiberglass cut-off wheel (2)
- Carbon steel brush
- Large left wheel
Dynamic Styling
For additional comfort and control every time you use your rotary tool.

Ball Bearing Universal Motor
Runs cool and smooth under load.

Increased Comfort Grip Area
For more comfort and control.

Improved Convenient Collet Lock Button
For quick and easy accessory changes.

Replaceable Motor Brushes
For longer motor life.

On-Tool Wrench Storage
Keeps the wrench at your fingertips.

Improved Convenient Collet Lock Button
For quick and easy accessory changes.

Dove-Tail Feature
Accommodates new attachments for additional functionality.

Replaceable Motor Brushes
For longer motor life.

On-Tool Wrench Storage
Keeps the wrench at your fingertips.

300 SERIES KIT – MODEL 300-1/24
• 300 Series Variable Speed Rotary Tool
• Circle Cutter
• Storage Case

300 SERIES KIT – MODEL 300-2/28
• 300 Series Variable Speed Rotary Tool
• Lawn Mower and Garden Tool Sharpener
• Cutting Guide

CONTENTS
• 300 Series Variable Speed Rotary Tool
• Accessory Case
• Quick Start Book
• Wrench

24 ASSORTED ACCESSORIES
191 High speed cutter
401 Mandrel
402 Mandrel
403 Wire brush
407 Dremel 1/2" sanding drum
416 Small cut-off wheel (2)
420 10-36 cut-off wheel (2)
421 Polishing compound
422 Oil buff cone
425 Polishing cut-off wheel
428 Carbon steel brush
429 Large cut-off wheel
430 Dremel 1/4" sanding drum
431 Dremel 1/4" sanding band
432 Medium 1/2" sanding band
442 Carbon steel brush
540 1/4" cut-off wheel
561 Multi-purpose cutting bit
932 Aluminum oxide stone
952 Aluminum oxide stone
8155 Aluminum oxide stone
84542 Diamond stone

28 ASSORTED ACCESSORIES
105 Engraving cutter
107 Engraving cutter
109 Drill bit
191 High speed cutter
194 High speed cutter
401 Mandrel (2)
402 Mandrel
403 Wire brush
405 Wire brush
407 Dremel 1/2" sanding drum
408 Dremel 1/2" sanding band
414 Small cut-off wheel
420 Polishing compound
540 Polishing cut-off wheel
561 Multi-purpose cutting bit
421 Polishing cut-off wheel
422 Oil buff cone
426 Fiberglass cut-off wheel
428 Carbon steel brush
429 Large cut-off wheel
430 Coarse 1/4" sanding drum
431 Coarse 1/4" sanding band
432 Medium 1/2" sanding band
442 Carbon steel brush
550 Medium cut-off wheel
551 Medium cut-off wheel
561 Multi-purpose cutting bit
932 Aluminum oxide stone
952 Aluminum oxide stone
8193 Aluminum oxide stone
85422 Silicon carbide stone

Limited Warranty
CAN BE USED WITH ALL DREMEL® ACCESSORIES AND ATTACHMENTS, EXCEPT MS400 AND PL400 ATTACHMENTS

200 SERIES KIT – MODEL 200-1/15

15 ASSORTED ACCESSORIES

104 High speed cutter
401 V hitch
402 Mandrel
407 Coarse 1/2" sanding drum
408 Coarse 1/2" sanding band
420 HD emery cut-off wheel
421 Polishing compound
422 Fine felt wheel
425 Large felt wheel
429 Fine 1/2" sanding band
432 Medium 1/2" sanding band
932 Aluminum oxide stone
84922 Silicon carbide stone

CONTENTS

• Two-Speed Rotary Tool
• Lawn Mower and Garden Tool Sharpener
• Corrugated Storage Case
• Product Reference Sheet
• Wrench

Corded Rotary Tools

DREMEL®

200 SERIES

LIMITED 3 YEAR WARRANTY

REPLACEABLE MOTOR BRUSHES

FOR LONGER MOTOR LIFE.

BALL BEARING UNIVERAL MOTOR

RUNS COOL AND SMOOTH UNDER LOAD.

200 SERIES KIT – MODEL 200-1/21

21 ASSORTED ACCESSORIES

104 High speed cutter
401 V hitch
402 Mandrel
407 Coarse 1/2" sanding drum
408 Coarse 1/2" sanding band
420 HD emery cut-off wheel
421 Polishing compound
425 Large felt wheel
429 Fine 1/2" sanding band
561 Multipurpose cutting bit
932 Aluminum oxide stone
8329 Aluminum oxide stone
83322 Silicon carbide stone

CONTENTS

• Two-Speed Rotary Tool
• Cutting Guide
• Corrugated Storage Case
• Product Reference Sheet
• Wrench

Corded Rotary Tools

DREMEL®

100 SERIES

LIMITED 2 YEAR WARRANTY

CAN BE USED WITH ALL DREMEL® ACCESSORIES AND ATTACHMENTS, EXCEPT MS400 AND PL400 ATTACHMENTS

100 SERIES KIT – MODEL 100-N/7

7 ASSORTED ACCESSORIES

402 Mandrel
407 Coarse 1/2" sanding drum
418 Dressing stone
420 Emery cut-off wheel
432 Medium 1/2" sanding band
932 Aluminum oxide stone
84922 Silicon carbide stone

CONTENTS

• Single-Speed Rotary Tool
• Product Reference Sheet
• Wrench

Corded Rotary Tools

DREMEL®

100 SERIES

LIMITED 2 YEAR WARRANTY
Cordless Rotary Tools

THE POWER AND FREEDOM TO TACKLE ANY PROJECT, ANYWHERE!

10.8V LITHIUM-ION CORDLESS ROTARY TOOL ACCESSORIES

- Lithium-Ion Battery Pack – Model 855-02
- Lithium-Ion Battery Charger – Model 856-02

WHY LITHIUM-ION?

- More Power in a Smaller Size. Lithium-Ion technology delivers more power in a smaller size and with less weight than conventional Ni-Cd batteries.
- Always Ready. When in storage, battery holds a charge 6X longer than standard Ni-Cd batteries.
- No Memory Effects. Lithium-Ion batteries can be recharged at any time without reducing charge capacity or run time.

CONTENTS

- 10.8V Lithium-Ion Cordless Rotary Tool
- Compact Storage Case
- Battery Charger
- Wrench

10.8V LITHIUM-ION CORDLESS ROTARY TOOL KIT – MODEL 8000-03

- 100 Assorted Accessories
- Higher Speeds 5,000-35,000 RPM. Corded performance in a cordless tool.
- Variable Speeds. Handle a greater range of applications with more precision.
- Increased Versatility. Over 150 attachments and accessories available.
- Soft Grip. Designed for superior control and balance.
- Small and Lightweight. For easier handling and less fatigue.
- Battery Fuel Gauge. Know when it’s time to recharge.
- High Capacity 10.8V Lithium-Ion Battery Pack. For longer run-times.

Battery Fuel Gauge

10.8V Lithium-Ion Battery Pack – Model 855-02

- 10.8V Lithium-Ion Cordless Rotary Tool
- Compact Storage Case
- Battery Charger
- Wrench

Lithium-Ion Battery Charger – Model 856-02

- 10.8V Lithium-Ion Battery Pack – Model 855-02
- Lithium-Ion Battery Charger – Model 856-02

- Battery Fuel Gauge

2 YEAR Limited Warranty

10.8V Lithium-Ion Battery Pack – Model 855-02

- 40 Assorted Accessories
- 100 Assorted Accessories

Lithium-Ion Battery Charger – Model 856-02

- 40 Assorted Accessories
- 100 Assorted Accessories
Cordless Rotary Tools

7.2V Two-Speed Cordless Kit – Model 7700-1/15

- Two-speed 10,000 and 20,000 RPM.
- 7.2 volts of power...goes anywhere.

15 Assorted Accessories

191 High-speed cutter
401 Mandrel
402 Mandrel
403 Brush
407 Coarse 1/2” sanding drum
408 Coarse 1/2” sanding band
414 Small felt wheel
429 HD emery cut-off wheel
430 Polishing compound
439 Coarse 1/4” sanding drum
540 1/4” cut-off wheel
912 Aluminum oxide stone
84922 Silicon carbide stone

Contents

- 7.2 Two-Speed Cordless Rotary Tool
- Lawn Mower and Garden Tool Sharpener
- Corrugated Storage Case

7700-02 Accessories

7.2V Battery Pack – Model 757-01
3-Hour Battery Charger – Model 758-01

Limited Warranty

MINIMITE® Cordless Kit – Model 750-02

Take it anywhere: 4.8 volts of power for light duty precision jobs.

5 Assorted Accessories

401 Mandrel
407 Coarse 1/2” sanding drum
414 Small felt wheel
432 Medium 1/2” sanding band
84922 Silicon carbide stone

Contents

- 4.8 Two-Speed MINIMITE®
- 3-Hour Charger
- Wrench

750-02 Accessories

4.8V Battery Pack – Model 755-01
3-Hour Battery Charger – Model 756-01

Limited Warranty

Light and Compact. Easy to handle and fun to use...everywhere!
Removable Battery Pack. Continuous use to finish your projects.
Two Speeds. For better control and accuracy.

758-01 3-Hour Charger. Quick battery recharge with LED light. Light indicates battery is correctly placed into the charger for proper charging.
Cordless Rotary Tools

DREMEL® STYLUS® CORDLESS

Created to Fit Your Hand and Your Lifestyle™

- Always Ready
- Goes Everywhere

Finger-Tip On/Off Switch
For one-handed operation.

Unique Contoured Grip
Designed for superior precision, control, and comfort in your hand.

STYLUS KIT – MODEL 1100-N/25

25 ASSORTED ACCESSORIES

- 303: Engraving cutter
- 304: Engraving cutter
- 301: High speed cutter
- 304: High speed cutter
- 401: Mandrel
- 402: Mandrel
- 403: Bristle brush
- 414: Small felt wheel (4)
- 421: Polishing compound
- 425: Emery wheel
- 429: Coarse 1/4" sanding drum
- 431: Coarse 1/4" sanding drum
- 438: Medium 1/4" sanding band (2)
- 446: Fine 1/4" sanding band
- 451: 1/8"(3)
- 512: Fine abrasive buff
- 932: Aluminum oxide stone
- 84922: Silicon carbide stone

CONTENTS

- Dremel Stylus Rotary Tool
- 7.2V Lithium-Ion Battery
- Charging Base and Accessory Organizer
- Accessory Case
- Product Reference Sheet
- Wrench

Variable Speed 5,000 - 25,000 RPM
For precise control in a variety of materials and applications.

Compact and Ultra-Lightweight

 Shaft Lock
For quick accessory changes.

Rechargeable 7.2V Lithium-Ion Battery
Holds a charge 2 years while in storage.

Docking Station Continually Charges
So the tool is always fully charged and ready to use.

Premium Accessories
Specifically for intricate work.

WHY LITHIUM-ION?

More Power in a Smaller Size. Lithium-ion technology delivers more power in a smaller size and with less weight than conventional Ni-Cd batteries.

Always Ready. When in storage, battery holds a charge 6X longer than standard Ni-Cd batteries.

No Memory Effects. Lithium-Ion batteries can be recharged at any time without reducing charge capacity or run time.
### Rotary Tool Attachments

#### ATTACHMENT COMPATIBILITY KEY

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<th>ATTACHMENT MODEL NUMBER</th>
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<tr>
<td>1100</td>
<td>x x x x x x x x x x x x</td>
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</tbody>
</table>

Use this chart to find out which attachments work with your tool, or use the mini charts included with the attachments’ descriptions. Adapters may be needed.

#### PLANER – MODEL PL400

- Finishes furniture, fixes stuck doors and cabinets, chamfers sharp edges, fits wood flooring and more.
- High speed steel, precision ground blade lasts up to 500 linear feet.
- 2-1/4” planing width removes approximately 1/64” with each pass.
- Features a 90 and 45 degree edge guide.
- For use with the 400 Series and Dremel 4000 Rotary Tools.

#### FLEX SHAFT ATTACHMENT – MODEL 225-01

- Converts your corded Rotary Tool into a bench mounted wood shaper.
- Features an adjustable fence and large 8” x 6” worktable.
- Slot, groove, sand and trim edges.

#### FLEX ROUTER ATTACHMENT – MODEL 335-01

- Converts your corded Rotary Tool into a plunge router.
- Clear base.
- Two depth stops.
- Includes guide and circle guide.
- Routes circles, parallel to edge, signs and inlay work and decorative edges.

#### TOOLS NOT INCLUDED WITH ATTACHMENTS

- Rotary Tool Attachments

- Tools Not Included With Attachments

- Characteristics

- Description

- Features

- Compatibility

- Accessories

- Specifications

- Installation

- Maintenance

- User Manual

- Technical Support

- Customer Service

- Warranty

- Replacement Parts

- Product Registration

- Safety Information

- Environmental Impact

- Product Specifications

- Model Number

- Tool Model Number

- Attachment Model Number

- Compatibility

- Accessories

- Specifications

- Installation

- Maintenance

- User Manual

- Technical Support

- Customer Service

- Warranty

- Replacement Parts

- Product Registration

- Safety Information

- Environmental Impact

- Product Specifications

- Model Number

- Tool Model Number

- Attachment Model Number

- Compatibility

- Accessories

- Specifications

- Installation

- Maintenance

- User Manual

- Technical Support

- Customer Service

- Warranty

- Replacement Parts

- Product Registration

- Safety Information

- Environmental Impact

- Product Specifications

- Model Number

- Tool Model Number

- Attachment Model Number

- Compatibility

- Accessories

- Specifications

- Installation

- Maintenance

- User Manual

- Technical Support

- Customer Service

- Warranty

- Replacement Parts

- Product Registration

- Safety Information

- Environmental Impact

- Product Specifications

- Model Number

- Tool Model Number

- Attachment Model Number

- Compatibility

- Accessories

- Specifications

- Installation

- Maintenance

- User Manual

- Technical Support

- Customer Service

- Warranty

- Replacement Parts

- Product Registration

- Safety Information

- Environmental Impact

- Product Specifications

- Model Number

- Tool Model Number

- Attachment Model Number

- Compatibility

- Accessories

- Specifications

- Installation

- Maintenance

- User Manual

- Technical Support

- Customer Service

- Warranty

- Replacement Parts

- Product Registration

- Safety Information

- Environmental Impact

- Product Specifications

- Model Number

- Tool Model Number

- Attachment Model Number

- Compatibility

- Accessories

- Specifications

- Installation

- Maintenance

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- Technical Support

- Customer Service

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- Model Number
Rotary Tool Attachments

MULTIPURPOSE CUTTING KIT – MODEL 565
- Allows for sturdy controlled cuts with maximum visibility.
- Easy depth adjustment. Set to the correct cutting depth for the material you are working on.
- Includes cutting guide, 2 drywall cutting bits for cutting drywall for electrical boxes & air vents.
- Includes 1 multipurpose cutting bit for making cuts in ceiling tile, wood, plastic, fiberglass, drywall, laminate and vinyl siding.

TILE CUTTING KIT – MODEL 566
- Allows for sturdy controlled cuts with maximum visibility.
- Easy depth adjustment. Set to the correct cutting depth for the material you are working on.
- Includes cutting guide and tile cutting bit.
- Shape ceramic wall tile around fixtures or plumbing pipes.
Not for use on ceramic floor tile.

GROUT REMOVAL ATTACHMENT – MODEL 568
For use on wall and floor grout!
- Multiple slide depth adjustment.
- 30° angle for controlled cutting.
- Guides 180° apart to keep bit centered between tiles.
- Easy screw-on mounting.
- Excellent cutting visibility.
- Includes 1/16" Grout Removal Bit – Model 569.
Made of solid carbide, the bit will remove both wall and floor grout.

MINI SAW ATTACHMENT – MODEL 670
- Works great on wood and all wood-like materials.
- Quick connect system attaches to your rotary tool in seconds.
- Make clean, straight perpendicular cuts up to 1/4" thick.
- Includes blade.

RIP/CROSSCUT BLADE – MODEL 546
- Long-lasting steel blade.
- 1-1/4" diameter, 48 teeth.
- One blade per package.
- For use with Mini Saw Attachment only.

LAWN MOWER AND GARDEN TOOL SHARPENER – MODEL 675
- The fastest, easiest, safest way to sharpen your lawn mower blade and other garden tools.
- Guide provides optimum sharpening angle.
- Sharpen most rotary lawn mower blades.
- Long-wearing ABS plastic material.
- Includes grinding stone, #932 (see p.30).

ROTARY TOOL ATTACHMENTS

RIGHT ANGLE ATTACHMENT – MODEL 575
Enhances the versatility of your Dremel Rotary Tool by allowing you to get into hard-to-reach areas.
- Quick connect system easily attaches to your rotary tool in place of the housing cap, no wrenches required.
- Compact, durable design for those “hard-to-reach” places.

TOOLS NOT INCLUDED WITH ATTACHMENTS
CIRCLE CUTTER AND STRAIGHT EDGE GUIDE – MODEL 678-01

The simple way to cut circular holes in many types of materials. Convenient measurement guides in both inches and centimeters, so you can cut the right-sized circle every time.
- Makes circles from 3/4" - 12" (1.9-30 cm).
- Attaches quickly and easily without tools.
- Depth adjustment allows easy setting of the correct cutting depth.
- Straight Edge Guide allows routing or cutting in a straight line.
- Includes 1/32" Multipurpose Cutting Bit – Model 561 (see p. 33).

LAWN MOWER, GARDEN TOOL & CHAIN SAW SHARPENING KIT – MODEL A679

The Dremel chain saw sharpening attachment as well as the Dremel lawn mower and garden tool sharpening attachment are included together in one kit for your convenience.
- Guide provides optimum sharpening angle.
- Sharpens most rotary lawn mower blades.
- Easily sharpens the dullest of chains.

CONTENTS
- Lawn Mower and Garden Tool Sharpening Attachment
- Chain Saw Sharpening Attachment

CHAIN SAW SHARPENING ATTACHMENT – MODEL 1453

• Easily sharpen the dullest of chains.

CONTENTS
- Sharpening Attachment
- 3 Sharpening Stones Nos. 453, 454 and 455 (see p. 29)
- Gauge
- 2 Spacers
- Wrench
- Instruction Manual

MULTI-VISE™ – MODEL 2500-01

Gets a Grip on Anything, Anywhere!
• Portable vise holds work piece for projects such as woodworking, home projects, crafts and hobbies.
• Clamps to any work surface up to 2-1/2" thick.
• Rotates 360º and tilts 50º allowing user to lock the workpiece in any position.
• Tool holder turns Dremel Rotary Tools into a stationary sander, grinder or polisher.
• Removable clamping jaws creates a stand-alone bar clamp.

CONTENTS
- Gauge
- 2 Spacers
- Wrench
- Instruction Manual

TOOLS NOT INCLUDED WITH ATTACHMENTS
### Rotary Tool Accessories

#### High Speed Cutters
High speed cutters can be used for shaping, hollowing, grooving, slotting, making tapered holes in soft metals, plastics and woods. No. 199 cutter can be used to make small slits.

#### Engraving Cutters
Quality cutters for detail engraving, carving, routing in wood, fiberglass, plastic and soft metals.

#### Carving - Soft Materials
- **1/8”** 3.2 mm
- **1/4”** 6.4 mm
- **5/16”** 7.9 mm

#### Carving - Hard Materials
- **1/8”** 3.2 mm
- **3/32”** 2.4 mm
- **1/8”** 3.2 mm

#### Structured Tooth Tungsten Carbide Cutters
Fast-cutting sharp teeth for greater material removal. Use on fiberglass, wood, plastic, epoxy, rubber, laminates, particle board and ceramic tile.

#### Tungsten Carbide Cutters
Use for shaping, smoothing and material removal. Use on hardened steel, stainless steel, cast iron, nonferrous metals, fired ceramics, plastics, hardwoods and other hard materials. Not for use with floor tile.

#### Engraving - Soft Materials
- **1/32”** 0.8 mm
- **1/16”** 1.6 mm
- **3/32”** 2.4 mm

#### Engraving - Hard Materials
- **5/64”** 2.0 mm
- **11/64”** 4.4 mm
- **17/64”** 6.7 mm

#### Diamond Wheel Points
For fine detail work, engraving, carving, touch-up and finishing. Use on wood, jade, ceramic, glass, hardened steel, semi precious stones and other hard materials. Bits are covered with diamond particles.

- **5/64”** 2.0 mm
- **11/64”** 4.4 mm
- **17/64”** 6.7 mm

7150 – Dual Package which includes 1 ea. 7103 and 7144.
Rotary Tool Accessories

**ROUTING**

**ROUTER BITS** For routing, inlaying, and mortising in wood and other soft materials. Use with Dremel No. 330 Router Attachment, No. 335 Plunge Router Attachment, and No. 231 Shaper/Router Table. Made of high speed steel.

- 3/32” 2.4 mm Piloted Routing
- 1/8” 3.2 mm Corner Rounding
- 1/4” 6.4 mm Core Box

**GRINDING/SHARPENING - FERROUS MATERIALS**

- **CHAIN SAW SHARPENING STONES** Precision-ground for quick, easy sharpening of chain saw blades. Each package contains 2 stones.
- 5/32” 4.0 mm
- 3/32” 4.8 mm
- 7/32” 5.6 mm

**ALUMINUM OXIDE ABRASIVE WHEEL** Perfect for cleaning, de-burring, removing rust, and polishing of most metals, including stainless steel.

- 1/8” 3.2 mm
- 1” 25.4 mm
- Medium

**ALUMINUM OXIDE ABRASIVE POINT** Abrasive point is great for finishing work and light de-burring. It can be used for paint and rust removal without removing any of the base material.

- 1/2” 12.7 mm
- 1/8” 3.2 mm

**ALUMINUM OXIDE GRINDING WHEEL** Use for de-burring, rust removal and general purpose grinding.

- 1/8” 3.2 mm
- 7/8” 22.2 mm

- 2 Per Pack
- Use with Mandrel 402.
Rotary Tool Accessories

**CUTTING**

**EZ Lock™ STARTER KIT – MODEL EZ406**
- Includes 1 EZ Lock™ mandrel and 5 reinforced cut-off wheels.

**EZ Lock™ 1-½” REINFORCED CUT-OFF WHEEL – EZ476**
For use with EZ Lock™. Reinforced cut-off wheel makes clean cuts in plastic. 5pc.

**EZ Lock™ 1-½” REINFORCED CUT-OFF WHEEL – EZ456**
For use with EZ Lock™. Reinforced cut-off wheels for cutting metal. 2X more cuts compared with 426. 5pc.

**EZ Lock™ 1-½” THIN REINFORCED CUT-OFF WHEEL – EZ409**
For use with EZ Lock™. Reinforced cut-off wheels for cutting metal. 2X more cuts compared with 409. 5pc.

**GRINDING/SHARPENING - FERROUS MATERIALS**

**ALUMINUM OXIDE GRINDING STONES (ORANGE/BROWN)**
Use on metals, castings, welded joints, rivets and rust. Ideal for sharpening, de-burring and general purpose grinding of most materials.

<table>
<thead>
<tr>
<th>Size</th>
<th>9/32”</th>
<th>1/8”</th>
<th>3/32”</th>
<th>3/16”</th>
<th>1/4”</th>
<th>5/32”</th>
<th>1/8”</th>
<th>1/8”</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.1 mm</td>
<td>911</td>
<td>912</td>
<td>941</td>
<td>945</td>
<td>951</td>
<td>952</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Silicon Carbide Grinding Stones (Blue/Green)**
Designed to work well on stone, glass, ceramics, porcelain and non-ferrous metals.

<table>
<thead>
<tr>
<th>Size</th>
<th>1/4”</th>
<th>5/32”</th>
<th>3/16”</th>
<th>1/8”</th>
<th>7/32”</th>
<th>1/8”</th>
<th>1/8”</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.4 mm</td>
<td>953</td>
<td>957</td>
<td>997</td>
<td>8053</td>
<td>8075</td>
<td>8193</td>
<td>8215</td>
</tr>
</tbody>
</table>

**GRINDING/SHARPENING - NON-FERROUS MATERIALS**

**Faster Accessory Changes – Easy as 1, 2, 3**
- Pull –
- Twist –
- Release

**EZ Lock™ 1-½” REINFORCED CUT-OFF WHEEL BULK PACK – EZ456B**

**EZ Lock™ 1-½” REINFORCED CUT-OFF WHEEL – EZ476**
For use with EZ Lock™. Reinforced cut-off wheel makes clean cuts in plastic. 5pc.
Rotary Tool Accessories

CUTTING - METAL [Limited use on wood and plastic]

CUT-OFF WHEELS For slicing and cutting metal, wood and plastic. Cut-off wheels make it easy to cut or slot bolts, screws, sheet metal, thin wood and plastic. The cut-off wheel cuts only along its edge. Do not attempt to sand or cut curved holes with them.

- 15/16" 23.8 mm
- 0.025" 23.8 mm
- 1-1/4" 31.8 mm

Use 409, 420, 426, 456 and 540 with mandrel 402.

FIBERGLASS REINFORCED CUT-OFF WHEELS

- 1-1/4" 31.8 mm
- 0.045" 38.1 mm

Use 426, 540 and 546 with mandrel 402.

CUTTING - WOOD (Continued)

RIP/CROSSCUT BLADE – 546 For use with Mini Saw Attachment 670 only (page 23). Thickness .023" (0.6 mm).

DIAMOND WHEEL – 545 Great for cutting, sawing and carving of hard materials such as marble, concrete, brick, porcelain, ceramics, hard epoxy, soft and hard wood. Mandrel 402 is included. Thickness .023" (0.6 mm). Do not run in excess of 20,000 RPM.

EZ Lock™ 1-1/2" DIAMOND WHEEL – EZ545 For use with EZ Lock™. Diamond cutting wheel makes clean cuts in hard materials.

CUTTING - HARD MATERIALS

DIAMOND WHEEL – 545 For cutting and shaping on soft and hard woods, fiberglass, plastics and laminates. Do not use on metal. Mandrel included. Thickness .070" (1.8 mm).

DRYWALL, MULTIPURPOSE, TILE AND GROUT ACCESSORIES

DRYWALL CUTTING BIT – 560 *
Gives you fast clean cuts in drywall.

MULTIPURPOSE CUTTING BIT – 561*
Cuts hardwood up to 3/8" and softwood up to 5/8". Also cuts plastic, fiberglass, drywall, laminate, aluminum & vinyl siding.

TILE CUTTING BIT – 562*
Cuts ceramic wall tile, cement board, and plaster. (Not for use on floor tile.)

CARBIDE GROUT REMOVAL BITS – 569 AND 570†
Ideal for replacing wall and floor grout or removing grout to replace broken tiles.

* Use with cutting guide (page 22).
† Use with grout removal guide (page 22).

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† Use with grout removal guide (page 22).
**Rotary Tool Accessories**

### CLEANING/Polishing

**Polishing Accessories** Ideal for polishing metals and plastics. Using polishing compound No. 421 with wheels produces a high luster.

**Felt**
- 1/2" dia., 6 per pack
- 3/8" dia.
- 1" dia.

**Cloth**
- 1" dia.

**Polishing Compound – 421**
Use with felt or cloth accessories to polish metals and plastics. Compound will improve a dull oxidized film and/or light surface imperfections. A solid compound.

**Emery Impregnated Polishing Wheel**
Ideal for general polishing of most ferrous metal, stone, glass and ceramic. Use 425 with mandrel 402.

**Abrasive Brush – 538**
Dremel's strongest and longest lasting brush. Extra-thick nylon bristles are coated with an abrasive grit for material removal on the toughest jobs. Use for de-burring metal or wood and for removing rust and paint. Do not run brush in excess of 20,000 RPM.

**Polishing Wheel – 520**
Use for light stock removal and high luster polishing of metals and hard plastics. The wheel is impregnated with a silicon carbide abrasive and lubricant, eliminating the need for polishing compound.

**Polishing Cloth** Made to take a smooth finish and polish it to a high luster.

**Polishing Wheels**
- 5/8" dia.
- 3/4" dia.

**Bristle Brushes**
Use for light de-burring, cleaning, polishing of silverware, jewelry and other precious metals; can use with polishing compound.

**Carboy Steel Brushes**
Versatile brush for removing rust and corrosion, polish metal surfaces. De-burr and blend surface junctures, clean electrical components.

**Stainless Steel Brushes**
Stainless steel brushes do not cause “after-rust” when used on corrosive-resistant materials like pewter, aluminum and stainless steel.

**Brass Brushes**
Brass brushes are non-sparking and softer than steel. They will not scratch soft metals like gold, copper, brass.

---

Do not run brushes in excess of 15,000 RPM.

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Do not run brushes in excess of 15,000 RPM.
SANDING

**SANDING BANDS**
For rough shaping and smoothing wood and fiberglass; removing rust from metal surfaces; shaping rubber surfaces. Sander bands are easily replaceable on drums, and are available in packages of 6 each.

- 1/4" diameter
- 1/2" diameter
- 60 Grit
- 120 Grit
- 240 Grit

**SANDING DISCS**
For rough shaping and smoothing wood and fiberglass; removing rust from metal surfaces; shaping rubber surfaces. 36 pieces per pack.

- 180 Grit Coarse
- 220 Grit Medium
- 240 Grit Fine

**CARBIDE SANDING BAND**
The carbide grit surface is extremely durable and the edges of the band will stay crisp and sharp. Use on a variety of materials including woods, fiberglass, laminates, plastic, and leather. Drum sander mandrel included.

- 80 Grit

**FLAP WHEELS**
Flap wheels grind and polish flat or contoured surfaces. They are used most effectively as a finishing sander after heavier surface sanding and material removal is completed.

- 3/8" 9.5 mm
- 3/8" 9.5 mm
- 3/16" 4.8 mm
- 3/16" 4.8 mm

**CARBIDE SHAPING WHEEL**
A powerful shaping tool that quickly and efficiently removes material. Easily creates compound curves and works on a variety of materials including woods, fiberglass, laminates, plastic, and leather. Mandrel included.

- 1/16" 3.2 mm

**FLAT ABRASSIVE BRUSHES**
Great for detail cleaning and light sanding. Use on metal, glass, wood, aluminum and plastics. Not to be used in excess of 15,000 RPM.

- Use with either EZ402, or 402. Mandrels sold separately.

**FINISHING ABRASIVE BUFFS**
Great for cleaning and light sanding. Use on metal, glass, wood, aluminum and plastics. The S12 fine grit buff is particularly ideal for removing tarnish from brass. Not to be used in excess of 15,000 RPM.

- Use 511E and 512E with either EZ402, or 402. Mandrels sold separately.

**DETAIL ABRASIVE BRUSHES**
Great for detail cleaning and light sanding. Use on metal, glass, wood, aluminum and plastics. Not to be used in excess of 15,000 RPM.

- Use with either EZ402, or 402. Mandrels sold separately.
Rotary Tool Accessories

MISCELLANEOUS

MANDRELS

EZ Lock™ EZ402 – Use with EZ409, EZ454, EZ455, EZ471SA, EZ472SA, EZ473SA, EZ474, 423E, 511E, and 512E.

401 – Use with 404 and 422. May be used with 429.


DREMEL CHUCK – 4486 This chuck allows you to quickly and easily change accessories on Dremel Rotary Tools without changing collets. Accepts accessories with 1/32” - 1/8” shanks. Use with rotary tool models 275, 285, 300, 395, 398, 400, 4000, 750, 770, 780, and 800. Also use with Dremel attachments 212, 225, 575, and 961.

QUICK CHANGE COLLET NUT SET – MODEL 4485 Includes Collet Nut and 4 Collets. For use with all Rotary Tools except models 1, 2 & 260, 270, 280 series 1 or earlier. Collets also available separately.

DRILL BIT SET – MODEL 628

1/8”-IN. DRILL – MODEL 150*

1/32” 0.8 mm
3/64” 1.2 mm
5/64” 2.0 mm
3/32” 2.4 mm
7/64” 2.8 mm
1/8” 3.2 mm

1/32-3/32” DRILL – MODEL 660

4 pc. per pack. Use with 483 Collet.

3/64-1/8” DRILL – MODEL 661

4 pc. per pack. Use with 482 Collet.

BRAD POINT DRILL BIT SET – MODEL 631-01

Titanium coated brad points stay on center and begin drilling immediately. For use on wood.

*Available as service part only.

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*Available as service part only.

WRENCH – 90962

For ease of changing bits.

DRESSING STONE – 415* Clean grinding wheels. Shape or reshape for desired applications.

*Available as service part only.

MINI ACCESSORY KITS

• New reusable storage box
• Application and material usage information included
• XPR™ storage case compatible
• Removable organizer tray

CLEANING/POLISHING KIT – MODEL 684-01

Polish a variety of materials to a high luster, clean those tough-to-reach areas, plus a whole lot more!

SANDING/GRINDING KIT – MODEL 686-01

Sharpen lawn tools, remove rust, sand down a sticking door, and engrave on glass, plus a whole lot more!
ROUTER BIT KIT – MODEL 692
For routing, inlaying and mortising in wood and other soft materials. Use with #330 Router Attachment, #335 Plunge Router Attachment, and #231 Shaper/Rout Table.

SUPER ACCESSORY KIT – MODEL 697-06
This versatile and re-usable accessory kit includes everything you need to cut, grind, sand, polish, drill, sharpen, clean and more.

185 PIECE ACCESSORY KIT – MODEL 700-03
This versatile and re-usable accessory kit includes everything you need to cut, grind, sand, polish, drill, sharpen, clean and more. Features a convenient, foldable storage bag and mini kit.

MINI ACCESSORY KITS

GENERAL PURPOSE KIT – MODEL 687-01
Everything you need to cut, carve, sand, grind, clean, and polish, plus a whole lot more!

CUTTING KIT – MODEL 688-01
Reslot a screw, cut conduit, sheet metal, rusted hose clamps, plus a whole lot more!

EZ LOCK CUTTING KIT – MODEL EZ688-01
Reslot a screw, cut conduit, sheet metal, rusted hose clamps, plus a whole lot more!

CARVING/ENGRAVING KIT – MODEL 689-01
Sharpen lawn tools, remove rust, sand down a sticking door, and engrave on glass, plus a whole lot more!

ROTARY TOOL ACCESSORIES
The new Dremel® Multi-Max™ Oscillating Tool System offers remodeling enthusiasts a versatile and effective multitasking tool. With fast side-to-side motion, the Multi-Max can take on a variety of projects that involve repair, remodeling or restoration.

**MULTI-MAX™ TOOL – MODEL 6300-05**

**CONTENTS**
- Dremel Multi-Max Oscillating Tool
- 3 Sanding Sheets
- 3/4" Wood Flush Cut Blade
- 3" Wood & Drywall Saw Blade
- Hook & Loop Pad
- Carry Case
- Manual

**Quick Fit™ Accessory Change System**
Provides accessory changes twice as fast as similar oscillating tool systems.

**Features**
- **Powerful 1.5 Amp Motor**
  - To help cut through tougher materials.
- **Variable Speed 10,000-21,000 Oscillations Per Minute (OPM)**
  - For a variety of applications.
- **Ergonomic Grip**
  - Allows for comfort and control.
- **Compact Design**
  - Provides access in tight areas.
- **Soft-Start Feature**
  - Provides smooth starts.
- **Separate On/Off Switch**
  - Maintains a previously selected speed setting.
- **Electronic Feedback Circuitry**
  - Provides consistent tool speed through even tough applications.
- **Compact Design**
  - Provides access in tight areas.

Limited Warranty
SANDING
Restore windows, make stuck doors work, and remove rust from metal. Available in assorted grit for sanding bare or painted wood and metal.

GRINDING
When replacing ceramic floor tile, remove cement residue from subfloor quickly and efficiently using the 60 grit diamond sanding paper. Also great for removing grout adhesive, thin set or mortar.

CUTTING
Flush cut a baseboard to install new flooring or cut out drywall to install a new light switch. Choose from four blades to accomplish a variety of tough cuts.

SCRAPING
Use the rigid scraper blade for removing stuck vinyl flooring, carpeting and carpet pad, and the flexible scraper blade for projects such as removing old caulk around the tub or shower.

GROUT REMOVAL
Remove wall and floor grout to free a broken tile. Available in a 1/8" size and a 1/16" size.
VERSATIP™ MULTIPURPOSE TOOL – MODEL 1550
Multipurpose tool for wood burning, soldering, hot knife cutting of styrofoam and plastics, cutting and fusing rope.

CONTENTS
• VersaTip™ Tool
• 5 Tips (470, 471, 473, 474 & 499)
• Tool Stand
• Handy Tip Storage Tube

Max. Tip Temp: 1,050°F (565°C)
Volts: 110-120V, AC
Watts: 30
Tool Length: 7-3/8" (187.3 mm)

Maximum tip temperature 1,050°F. Safely burn faster and darker.
6 Different design tips. Replaceable and interchangeable for maximum versatility.
Short shaft length. Excellent control of tip.
Ergonomic, stay cool design. Maximum user comfort and control.
Versatile tool stand. Convenient for storage and protects work surface.

ACCESSORIES:
*Available only through Service Center.
**ENGRAVER – MODEL 290-01**

Identify and personalize your valuables. Use for decorative engraving.
- Engraves metal, glass, wood, plastic, and ceramics.
- Holding area allows for extended use.
- Soft grip adds extra comfort and control.

**CONTENTS**
- Engraver Tool
- Carbide Point (9924)
- Letter / Number Template

**Specs:**
- Motor: 115V, AC/115V, 60Hz, 0.2 amps/0.2 A
- Strokes: 7,200/5PM
- Tool Weight: 12 oz. (340 g)

**ACCESSORIES:**
- Stroke adjustment dial. Regulates engraving depth from fine lines to deep grooves.
- Replaceable carbide and diamond points. Engrave on soft or hard materials.
- Carbide Point – Model 9924 (normal applications)
- Diamond Point – Model 9929 (for continuous use)