# DREMEĽ

Dremel Experts: US: 1 (800) 437-3635 Canada: 1 (888) 285-3476

www.dremel.com

## DREMEĽ



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TALK, DISCOVER, SHARE

@DREMEL



## **Customer Support**

A well-prepared staff of Dremel Experts is available to answer questions about our tools. With over 650 total years of combined work experience, the Dremel Experts are ready to serve you.

Phone support is available 8AM-5PM CT Monday-Friday

USA 1-800-4-DREMEL or 1-800-437-3635 CANADA 1-888-285-3476 DIGILAB: 1-844-4DRMI 3D or 1-844-437-6533

## LET'S MAKE OUR MARK



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# ROTARY TOOLS





## WHAT IS A ROTARY TOOL?

Rotary tools are hand held power tools that use high-speed and low torque to undertake a variety of useful tasks with control and precision. Since AJ Dremel invented the first rotary tool over 87 years ago, no other brand has worked harder to bring users a more complete and innovative system of rotary tools, accessories and attachments. Over the years Dremel rotary tools have become the gold standard in versatility, performance, and quality by which all other rotary tools are judged.

### ROTARY TOOL OVERVIEW CORDED



Model	4300	4000	3000	200 SERIES	100 SERIES	FORTI- FLEX™	STYLO+
Amps	1.8	1.6	1.2	0.9	0.9	2.5	0.5
Speed Range [RPM]	5,000— 35,000	5,000— 35,000	5,000— 32,000	15,000 and 35,000	23,000	0—23,000	5,000— 22,000
Versatility Level	High	High	Intermediate	Basic +	Basic	High	Intermediate
Electronic Feedback Control	Yes	Yes	No	No	No	Yes	No
Number of Speeds	Variable	Variable	Variable	2	1	Variable	Variable
Soft Grip	Yes	Yes	Yes	No	No	No	Yes
Separate On/Off Speed Control	Yes	Yes	No	No	No	Yes	Yes
Accy. Change System	EZ Twist™ Nose Cap	EZ Twist™ Nose Cap	EZ Twist™ Nose Cap	Wrench	Wrench	Wrench	Wrench
Weight [oz.]	18.8	22.5	20.0	18.0	18.0	117.0	6.8
Warranty	2 year	2 year	2 year	2 year	2 year	2 year	2 year

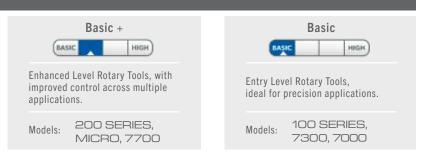
### VERSATILITY METER





## ROTARY TOOL OVERVIEW CORDLESS

				- Trans			
Model	8220	8100	8050 MICRO	7760 LITE	7700	7300	7000
Voltage	12V <sup>MAX</sup>	8V <sup>max</sup>	8V <sup>max</sup>	4	7.2	4.8	6
Battery Type	Lithium Ion	Lithium Ion	Lithium Ion	Lithium Ion	Ni-Cd	Ni-Cd	4AA
Speed Range [RPM]	5,000 - 33,000	5,000- 33,000	5,000— 28,000	5,000- 23,000	10,000 and 20,000	6,500- 14,00	7,000 and 18,000
Versatility Level	High	Intermediate	Basic +	Basic +	Basic+	Basic	Basic
Electronic Feedback Control	No	No	No	No	No	No	No
LED Lights	No	No	Yes	No	No	No	No
Number of Speeds	Variable	Variable	Variable	Variable	2	2	2
Soft Grip	Yes	Yes	Yes	Yes	No	No	No
Separate On/Off Speed Control	Yes	No	Yes	No	No	No	No
Accy. Change System	EZ Twist™ Nose Cap	EZ Twist™ Nose Cap	Wrench	EZ Twist™ Nose Cap	Wrench	Wrench	Wrench
Attachment Interface	Yes	Yes	No	Yes	No	No	No
Weight [oz.]	22.0	14.0	8.0	9.5	12	9	9





## DREMEL 4300 The Most Versatile Tool DREMEL EZ TWIST

**Pivot Light** 

EZ Twist ™

project





Versatility BASIC HIGH

Rotates to illuminate your

Nose Cap Wrench for fast

accessory changes

High-Performance Motor For maximum performance at all speeds.

Separate On/Off Switch Retains speed setting for ease of use.

**Increased power** and air flow For cooler operation.

Variable Speed For maximum accessory versatility and precise tool control.

**Electronic Feedback** Auto adjusts power and speed as needed.

Can be used with **all** Dremel Rotary Tool accessories and attachments.





PULL



INSERT



SECURE



#### 4300 KIT 4300 - 5/40

- 4300 High Performance Rotary Tool Pivot Light, Garden Tool Sharpener, Shield, Cutting Guide, Sanding/Grinding Guide
- Storage Case, Accessory Case, Product Reference Sheet, Wrench, Dremel Chuck



#### **40 ASSORTED ACCESSORIES**

- Carving/Engraving 107, 191
- Grinding/Sharpening 8193, 84922, 932
- Cutting EZ456 (x3), 561
- Cleaning/Polishing 403, 428, 414 (x2), 421, 429 (x2)
- Sanding 407, 408 (x3), 432 (x4), 445 (x4), EZ411SA (x3), EZ412SA (x3), EZ413SA (x3)
- Miscellaneous 150, 401, EZ402

#### 4300 KIT 4300 - 9/64

- 4300 High Performance Rotary Tool, Pivot Light, Flex-Shaft, Shield, Cutting Guide, Right Angle Guide, Sanding/Grinding Guide, Detailer's Grip, Circle Cutter & Straight Edge Guide, Garden Tool Sharpener
- Deluxe Storage Case, 2 Accessory Cases, Product Reference Sheet, Wrench, Dremel Chuck

#### 64 ASSORTED ACCESSORIES



Carving/Engraving - 107, 191, 7103
 Grinding/Sharpening - 453, 454, 455, 84922, 8193, 932, EZ541GR
 Cutting - EZ409, EZ456, EZ544, 560, 561
 Cleaning/Polishing - 421, EZ423 (x3), 403, 428
 Sanding - 408 (x10), 432 (x10), 445 (x10), EZ411SA (x3), EZ412SA (x3), EZ413SA (x3)
 Miscellaneous - 150, EZ402, EZ407, 490



## DREMEL 400

Does it All, Better.



Versatility HIGH BASIC

Warranty

I imited

Electronic Feedback Auto adjusts power and speed as needed.

EZ Twist<sup>™</sup> ( 2) Nose Cap Wrench for fast accessory changes.

Variable Speed For maximum accessory versatility and precise tool control.

Can be used with all Dremel Quick Collet Lock Rotary Tool accessories and attachments.

**High-Performance Motor** For maximum performance at

all speeds.

Separate On/Off Switch Retains speed setting for ease of use.

360º Grip Zone With soft grip for comfort and control.

For fast accessory changes.



Integrated nose cap wrench for fast accessory changes.



#### 4000 KIT 4000 - 2/30

- 4000 High Performance Rotary Tool, Sanding/Grinding Guide, Circle Cutter & Straight Edge Guide
- Storage Case, Accessory Case, Product Reference Sheet, Wrench, 1/8" Collet

#### **30 ASSORTED ACCESSORIES**

- Carving/Engraving 191
- Grinding/Sharpening 541, 84922, 932
- Cutting 420 (x2), 426 (x2), 561
- Cleaning/Polishing 414, 421, 428, 429
- Sanding 407, 408 (x2), 411 (x3), 412 (x3), 413 (x2), 432 (x2), 445 (x2)
- Miscellaneous 401, 402

### 4000 KIT 4000 - 3/34

- 4000 High Performance Rotary Tool, Sanding/Grinding Guide, Detailer's Grip, Multipurpose Cutting Guide
- Storage Case, Accessory Case, Product Reference Sheet, Wrench, 1/8" Collet

#### **34 ASSORTED ACCESSORIES**

- Carving/Engraving 107, 191
- Grinding/Sharpening 8193, 84922, 85602, 932
- Cutting 420 (x2), EZ456, 540, 561
- Cleaning/Polishing 403, 414 (x3), 421, 428, 429 (x2)
- Sanding 407, 408, 411 (x2), 412, 413, 432 (x3), 445 (x2)
- Miscellaneous 401, 402, EZ402, 481

### 4000 KIT 4000 - 4/34

- 4000 High Performance Rotary Tool, Detailer's Grip, Sanding/Grinding Guide, Cutting Guide, Circle Cutter & Straight Edge Guide
- Storage Case, Accessory Case, Product Reference Sheet, Wrench, 1/8" Collet

#### 34 ASSORTED ACCESSORIES

- Carving/Engraving 107, 191
  - Grinding/Sharpening 8193, 84922, 85602, 932
  - Cutting 420 (x2), EZ456, 540, 561
  - Cleaning/Polishing 403, 414 (x3), 421, 428, 429 (x2)
- Sanding 407, 408, 411 (x2), 412, 413, 432 (x3), 445 (x3)
- Miscellaneous 401, 402, EZ402

### 4000 KIT 4000 - 6/50

- 4000 High Performance Rotary Tool, Flex Shaft, Circle Cutter & Straight Edge Guide, Cutting Guide, Detail Nose Piece, Lawn Mower & Garden Tool Sharpener
- Storage Case, Accessory Case, Product Reference Sheet, Wrench, 1/8" Collet

### 50 ASSORTED ACCESSORIES

Carving/Engraving - 107, 191, 194 Grinding/Sharpening - 541, 8193, 84922, 932 Cutting - EZ409 (x2), 420 (x4), EZ456 (x2), EZ476 (x2), 540, 561 Cleaning/Polishing - 405, 414 (x3), 421, 428, 429, 442, EZ423 Sanding - 407, 408 (x2), 411 (x2), 412 (x2), 413 (x2), 432 (x2), 445 (x2), EZ511, EZ512 Miscellaneous - 150, 401, 402, EZ402, 481











## CORDED ROTARY TOOLS



## DREMEĽ 300C

#### Does it Better.





#### Versatility BASIC HIGH

EZ Twist<sup>™</sup> (⊇) Nose Cap Wrench for fast accessory changes.

Variable Speed For maximum accessory versatility and precise tool control.

Sealed Ball **Bearing Motor** Runs cool for comfort and longer tool life.

Can be used with all Dremel Rotary Tool accessories and attachments except MS400 and PL400 attachments.

Separate On/Off Switch Retains speed setting for ease of use.

### Double hull construction

Eliminates direct heat transfer to hand.



Integrated nose cap wrench for fast accessory changes.





#### 3000 KIT 3000 - 1/24

- 3000 Series Variable Speed Rotary Tool, Sanding/Grinding Guide
- Storage Case, Accessory Case, Product Reference Sheet
- Wrench, 1/8" Collet

#### 24 ASSORTED ACCESSORIES

- Carving/Engraving 191
- Grinding/Sharpening 85422, 932, 952
- Cutting 426 (x2)
- Cleaning/Polishing 403, 414 (x2), 421, 428, 429
- Sanding 407, 408, 430, 432 (x2), 438, 445 (x2), 446
- Miscellaneous 401, 402, 415

#### 3000 KIT 3000 - 1/25

- 3000 Series Variable Speed Rotary Tool, Shield
- Storage Case, Accessory Case, Product Reference Sheet,
- Wrench, 1/8" Collet

#### 25 ASSORTED ACCESSORIES

- Carving/Engraving 191 Grinding/Sharpening - 84922, 932, 953
- Cutting 426 (x2)
- Cleaning/Polishing 414 (x2), 421, 428, 429 (x2)
- Sanding 407, 408, 430, 431, 432 (x2), 438 (x2), 445, 446
- Miscellaneous 401, 402, 415

#### 3000 KIT 3000 - 2/28

- 3000 Series Variable Speed Rotary Tool, Sanding/Grinding Guide, Cutting Guide
- Storage Case, Accessory Case, Product Reference Sheet,
- Wrench, 1/8" Collet

#### 28 ASSORTED ACCESSORIES







## CORDED ROTARY TOOLS

## DREMEL 200



Limited Warranty



**Two Speed control** For application versatility and control.

Sealed Ball Bearing Motor For cool running and longer tool life.

#### 200 SERIES KIT 200 - 1/15

- 200 Series Two-Speed Rotary Tool, Garden Tool Sharpener
- Accessory Case, Product Reference Sheet, Wrench, 1/8" Collet



#### **15 ASSORTED ACCESSORIES**

- Carving/Engraving 194
- Grinding/Sharpening 8193, 83322, 932
- Cutting 420, 426
- Cleaning/Polishing 421, 422, 425, 429
- Sanding 407, 408, 432
- Miscellaneous 401, 402

#### 200 SERIES KIT 200 - 1/21

- 200 Series Two-Speed Rotary Tool, Cutting Guide
- Accessory Case, Product Reference Sheet, Wrench, 1/8" Collet

#### 21 ASSORTED ACCESSORIES

Carving/Engraving - 194
 Grinding/Sharpening - 8193, 83142, 84922, 932
 Cutting - 420, 426, 561
 Cleaning/Polishing - 414 (x2), 421, 425 (x2), 429 (x2)
 Sanding - 407, 432, 445
 Miscellaneous - 401, 402, 415





# DREMEL'100





**Single Speed control** For full-time 35,000 rpm operation.

Sealed Ball Bearing Motor For cool running and longer tool life.

#### 100 SERIES KIT 100-LG

For better performing lawn and garden tools.

- 100 Single Speed Rotary Tool, Lawn mower and Garden Tool Sharpener, Chainsaw Sharpener, Blade Sharpener
- Product Reference Sheet
- Wrench, 1/8" Collet



Grinding/Sharpening - 453, 454, 455, 932 Cutting - 426 (x2) Miscellaneous - 402

#### 100 SERIES KIT 100 - N/7

Ideal for sanding, carving and drilling.

- 100 Single Speed Rotary Tool
- Product Reference Sheet
- Wrench, 1/8" Collet

#### 7 ASSORTED ACCESSORIES

Grinding/Sharpening - 84922, 932 Cutting - 420 Sanding - 407, 432 Miscellaneous - 402, 415









## DREMEL FORTIFLEX

#### **Power Meets Precision**



Limited Warranty

Versatility



Powerful 2.5 AMP (1/5 HP) Motor Provides high torque at low speeds.

Precision Hand Piece Engineered for control and comfort even with extended use.

#### Heavy Duty Flexible Shaft

Includes a patented bearing system for durability and cool operation.



Variable Speed Foot Pedal

Allows you to match the speed with the application, hands-free.

#### Three-Jaw Chuck Enhances versatility by accepting accessories from 0" to 5/32".

Interchangeable Hand Piece Compatible with Dremel flex shaft tools.



Can be used with all Dremel rotary tool accessories.

#### FORTIFLEX™ KIT 9100-21

- Dremel Fortiflex<sup>™</sup> motor unit
- Variable speed foot pedal
- Heavy duty flex shaft
- Hand-piece with three-jaw chuck
- Wall hook
- Chuck wrench

#### **21 ASSORTED ACCESSORIES**

Carving/Engraving - 191
 Grinding/Sharpening - 7103, 84922, 953
 Cutting - 117, 9910
 Cleaning/Polishing - 403
 Sanding - 407, 430, 431, 432 (x2), 438 (x2)
 Miscellaneous - 628 (7 Piece Set)





## DREMEĽ STYLO+

#### Versatile Crafting Tool





#### Versatile Tool For Craft Projects

Glass etching, leather burnishing, jewelry making, polishing, woodworking, and more.

#### Slim Size

Slim size allows you to get closer to your work piece and provides maximum control in precision etching, polishing, and sanding.

#### Comfort Grip

Allows for maximum control in percision applications.

Quiet Compact motor perfect for home use.

#### Variable Speed

From 5,000-22,000 RPM for optimal speed control in a variety of light-duty hobby and craft projects.

Compatible with most Dremel rotary tool accessories.

Compatible Materials: Wood, Glass, Leather, Metal, & Stone

#### STYLO+ KIT 2050/15

- 2050 Stylo+ Versatile Craft Tool, Quick Start Guide
- Wrench, 1/8" Collet

#### **15 ASSORTED ACCESSORIES**

Carving/Engraving - 105, 125, 191, 7103 Cleaning/Polishing - 414 (x3), 429 (x2), 421, 428 Sanding - 430, 431, 438 Miscellaneous - 401





Limited Warranty



## DREMEL 8220

BASIC

Does it All, Unplugged.



Versatility

Next Generation 12V Max For maximum performance and run time.

HIGH

Removable Lithium-Ion Battery Always ready with no memory effects.

EZ Twist<sup>™</sup> (€) Nose Cap Wrench for fast accessory changes.

Variable Speed For maximum accessory versatility and precise tool control. High-Performance Motor

For maximum performance at all speeds.

Can be used with **all** Dremel Rotary Tool **accessories and attachments.** 

Separate On/Off Switch

Retains speed setting for ease of use.

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





### LITHIUM-ION TECHNOLOGY

- More power in a smaller size
- Always ready holds charge up to 2 years
- No memory effects charge any time



Limited Warranty

#### 8220 KIT 8220 - 1/28

- 8220 Cordless 12V<sup>MAX</sup> High Performance Rotary Tool, Cutting Guide
- 1-Hour Battery Charger, 12V<sup>MAX</sup> Lithium-Ion Battery Pack (1)
- Storage Case, Accessory Case, Product Reference Sheet
- Wrench, 1/8" Collet

#### 28 ASSORTED ACCESSORIES

- Grinding/Sharpening 541, 8193
- Cutting 426, 561
  - Cleaning/Polishing 414 (X4), 421, 425 (X4), 429 (X4)
  - Sanding 407, 408 (X2), 432 (X3), 445 (X3)
- Miscellaneous 401, 402

#### 8220 KIT 8220 - 2/28



Includes 2 batteries

- 8220 Cordless 12V<sup>MAX</sup> High Performance Rotary Tool, Shield, Cutting Guide
- 1-Hour Battery Charger, 12V<sup>MAX</sup> Lithium-Ion Battery Packs (x2)
- Storage Case, Accessory Case, Product Reference Sheet
- Wrench, 1/8" Collet

#### 28 ASSORTED ACCESSORIES

- Grinding/Sharpening 541, 8193
- Cutting 426, EZ456, 561
  - Cleaning/Polishing 414 (X3), 421, 425 (x4), 429 (x3)
- Sanding 407, 408 (X2), 432 (X3), 445 (X3)
- Miscellaneous 401, 402, EZ402

### 8220 KIT 8220 - N/30H

- 8220 Cordless 12V<sup>MAX</sup> High Performance Rotary Tool
- 1-Hour Battery Charger, 12V<sup>MAX</sup> Lithium-Ion Battery Pack
- Storage Case, Accessory Case, Product Reference Sheet
- Wrench, 1/8" Collet

### **30 ASSORTED ACCESSORIES**

- Grinding/Sharpening 541, 8193
- Cutting 426
- Cleaning/Polishing 414 (x4), 421, 425 (x4), 429 (x4)
- Sanding 407, 408 (x3), 412 (x2), 432 (x3), 445 (X3)
- Miscellaneous 401, 402

### CORDLESS 12VMAX ROTARY TOOL ACCESSORIES

12V<sup>MAX</sup> Lithium-Ion Battery Pack



Lithium-Ion Battery Charger

12VMAX 1-Hour



## CORDLESS ROTARY TOOLS



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DREMEL

## DREMEL MICR



l imited Warranty

#### **Docking Station**

Continually charges so the tool is always fully charged and ready to use.

#### Variable Speed

For maximum accessory versatility and precise tool control.

#### 360º Grip Zone

With soft grip for comfort and control.

#### **Quick Collet Lock** For fast accessory changes.

## **Brilliantly Powerful**

#### Versatility BASSC HIGH



#### Slim Ergonomic Design Makes it light and easy to handle for detailed projects & tight spaces.

#### **LED Smart Features**

Such as front-end lighting. variable speed indicator and fuel gauge allow for optimal use.

#### Compact, Lightweight 8V Max Lithium-Ion Battery

For power in a smaller size, always ready and no memory effects.

#### MICRO KIT 8050-N/18

- Dremel Micro Rotary Tool
- Charging Base
- Accessory Case
- Product Reference Sheet
- Wrench, 1/8" Collet

#### **18 ASSORTED ACCESSORIES**







BASIC

## DREMEĽ LITE

#### **Get Started With Dremel**





Warrantv



Four Speeds For accessory versatility and precise tool control

#### USB Chargeable with LED Indicator Light

Quick battery charge with LED light so you always know when it's ready to use

#### Compact, Lightweight 4V Max Lithium-Ion Battery

More power in a small size, always ready & no memory effect



#### LITHIUM-ION TECHNOLOGY

- More power in a small size
- Always ready holds charge up to 2 years
- No memory effects charge any time

#### 7760 KIT 7760-N/10

- Dremel Lite Multi-Purpose Rotary Tool
- USB Cable & Power Adaptor
- Accessory Case
- Wrench, 1/8" Collet

#### **10 ASSORTED ACCESSORIES**

Carving/Engraving - 106 Grinding/Sharpening - 952 Cleaning/Polishing - 403, 414(x2), 421, 429 (x2) Sanding - 407



Miscellaneous - 401

## HIGH

**EZ** Twist Nose Cap wrench for fast accessory changes

#### Slim Ergonomic Design

Makes it light & easy to handle detailed projects & tight spaces

360 Grip Zone With soft grip for comfort & control





## CORDLESS ROTARY TOOLS

## DREMEL7300





Versatility



Two Speeds For control and accuracy.

Removable battery pack Continuous use to finish your projects.

**4.8 Volts of Power** For light duty precision jobs.

Light and Compact Easy to handle and fun to use — anywhere!

**3-Hour Charger** Quick battery recharge with LED light. Light indicates battery is correctly placed into the charger for proper charging.

DREMEL

#### 7300 KIT 7300-N/8

- 4.8V Two-Speed MINIMITE<sup>®</sup>
- 3-Hour Charger
- Wrench, 1/8" Collet

#### 8 ASSORTED ACCESSORIES





#### 7300 ACCESSORIES

4.8V Battery Pack



3-Hour Battery Charger



# DREMEĽ 700





Versatility



**Two Speeds** Adjust between high or low speed depending on the application.

**AA Alkaline Batteries** Uses standard AA alkaline batteries to eliminate the need for a battery charger.

**6 Volts of Power** For light duty precision jobs.

**Light and Cordless** Easy to handle and fun to use — anywhere!

#### 7000 KIT 7000-N/5

- 6V Two-Speed Cordless Dremel Rotary Tool
- Wrench. 1/8" Collet

#### 5 ASSORTED ACCESSORIES



Grinding/Sharpening - 84922 Cleaning/Polishing - 414 Sanding - 407, 432 Miscellaneous - 401



## **ROTARY TOOL ATTACHMENTS**



#### ROTARY TOOL ATTACH **Υ ΚΕΥ** COMPA BI MEN III n n AT TACHMENT M ODFL NUMBER <500.01 **TOOL MODEL** £2495 4576 4679 4550 565 200 568 675 820 470,1 \?} \?} 575 020 NUMBER 5° 20 £.> ŝ 4300 • • • • • • • . . • • • • • • • • • 4000 ٠ • • • • • • • • • • • • • • • • • 400 • • • • • • • • • • • • • • • ٠ 3000 • • • • • • • • • • • • • • • • • •

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2	300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•
CORD	398		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•
	395	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•
	285	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	
	275	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•			
	200	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•
	100	•	•	•	•	**	•	•		•	•	•	•	•	•	•	٠		•	•
	Fortiflex																			
	Stylo+																			
	8220	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	8200	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•
	8100	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
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	1100																			
	7300																			
	7700					•					•	•		•		٠		•		•
	7760					•					•	•		•		•		•		•

Use this chart to find out which attachments work with your tool. Adapters may be needed.

\*NA Not Advised

\*\*Not compatible with the 428 accessory.



#### WORK STATION MODEL 220

Functions as an articulating drill press that rotates 90°, rotary tool holder, and flex-shaft tool stand.

- Detents click the tool in place in 15<sup>o</sup> increments from vertical to horizontal.
- "Crow's Nest" provides on-board storage for Dremel accessories.
- Durable, die-cast aluminum base.

#### FLEX SHAFT ATTACHMENT MODEL 225

Ideal for hard to reach places and fine detail work.

- Quick connect attach system.
- 36" long cable with new 5" bend radius provides more flexibility.
- · Comfort grip hand piece.
- Integrated shaft lock button.
- Holds up to 1/8" shank.
- Works with collet system and Dremel chuck.

#### SHAPER/ROUTER TABLE MODEL 231

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.



#### TOOLS NOT INCLUDED WITH ATTACHMENTS

#### MULTI-VISE MODEL 2500

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 360<sup>o</sup> and tilts 50<sup>o</sup> allowing user to lock the work piece 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.

#### PLUNGE ROUTER ATTACHMENT MODEL 335

Converts your corded Rotary Tool into a plunge router.

- Clear base.
- Two depth stops.
- Includes edge guide and circle guide.
- Rout circles, parallel to edge, signs and inlaywork and decorative edges.



Increased comfort from debris and sparks during cutting, grinding, sanding, and polishing applications.

- Easy to Use Spring friction design allows for quick adjustment and accessibility to accessory.
- Compact for greater maneuverability.

#### **4 ASSORTED ACCESSORIES**

Grinding/Sharpening - 8193 Cutting - EZ456



Cleaning/Polishing - 428 Miscellaneous - EZ402





#### EZ TWIST CAP MODEL EZ495

Loosen or tighten the collet and replace an accessory quickly and easily without the need for a wrench.





### TOOLS NOT INCLUDED WITH 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.



- 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 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.

570

• Also available: Model 570 1/8" Grout Removal Bit (Not included with 568).





### 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.



#### SANDING/GRINDING GUIDE MODEL A576

Stabilizes a handheld tool by providing an edge guide or serves as a work platform when the tool is mounted in a secure position.

- Increased control during sanding & grinding applications.
- Platform provides greater stability during edge sanding and sharpening.
- Adjustable depth control for a precise finish.
- Attaches onto a rotary tool in place of its nose piece for quick and easy installation.
- Includes 407 1/2" 60 grit sanding drum, 932 aluminum oxide grinding stone and instructions.



Transfers the weight of the tool to the palm of your hand for improved tool balance and control.

- Offers enhanced grip and comfort for detailed applications.
- Provides optimal tool control when precision is required.
- Attaches onto a rotary tool in place of its nose piece for quick and easy installation.
- Includes 107 engraving cutter and tracing stencil.

107

481



Allows you to quickly, easily, and gently trim your pet's nails by positioning pet nails at a 45-degree angle to sand.

- World's first 45 degree paw guide assures the correct angle for success.
- Nail dust and fur guard.
- Clear cap for easy viewing.
- Simple hinge for easy cleaning and assembly.







407





#### MINI SAW ATTACHMENT MODEL 670

Works great on wood and all wood-like materials.

- Make clean, straight perpendicular cuts up to 1/4" thick.
- Quick connect system attaches to your rotary tool in seconds.
- Includes blade.





#### CIRCLE CUTTER AND STRAIGHT EDGE GUIDE MODEL 678

The simple way to cut circular holes in many types of materials. Convenient measurement guides in both inches and centimeters, so you can cut out 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 1/8" Multipurpose Cutting Bit Model 561 (see p. 34).





#### 561

#### LAWN MOWER, GARDEN TOOL, AND 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 all rotary lawn mower blades.
- Easily sharpen the dullest of chains.
- Garden Tool Sharpening Attachment, Lawn Mower Sharpening Attachment, Chain Saw Sharpening Attachment

• Wrench, Gauge

- 2 Spacers
- Instruction Manual
- 4 Sharpening Stones Nos. 453, 454, 455, (see p. 30) and 932 (see p. 31)



## ROTARY TOOL ACCESSORIES

### NEW UNIVERSAL SHANK STANDARD

#### NO MORE HUNTING FOR THE RIGHT COLLET\*

Over the next year, all Dremel rotary accessories are transitioning to a 1/8" shank standard. This means never having to search for the right collet again. Collet 480 will soon work for all rotary accessories.

\* As this conversion will take some time, please refer to accessory packaging to verify accessory shank size. Only exception being metal drill bits.

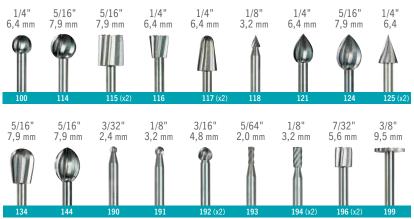


#### CARVING/ENGRAVING/GRINDING STONES

#### CARVING SOFT MATERIALS



HIGH SPEED CUTTERS High speed cutters can be used for shaping, hollowing, grooving, slotting, making tapered holes in soft metals, plastics and woods. # 199 cutter can be used to make small slits.



**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.



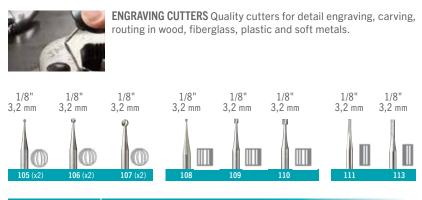


#### CARVING HARD MATERIALS

**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



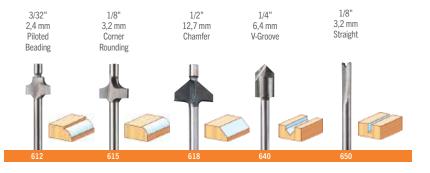
#### ENGRAVING HARD MATERIALS

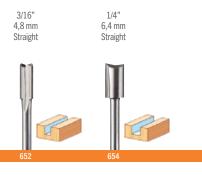
**DIAMOND WHEEL POINTS** For fine detail work, engraving, carving, touch-up and finishing. Use on wood, jade, ceramic, glass, hardened steel, semi precious stones and other hard materials. Bits are covered with diamond particles.





**ROUTER BITS** For routing, inlaying, and mortising in wood and other soft materials. Use with Dremel # 330 Router Attachment, # 335 Plunge Router Attachment, and # 231 Shaper/Router Table. Made of high speed steel.







#### FERROUS MATERIALS

#### CHAIN SAW SHARPENING STONES - 453, 454, 455

Precision-ground for quick, easy sharpening of chain saw blades. Each package contains 2 stones.

ALUMINUM OXIDE ABRASIVE WHEEL - 500

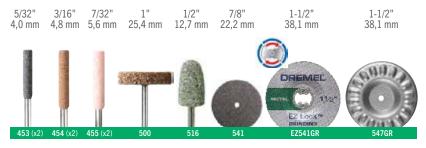
Perfect for cleaning, de-burring, removing rust, and polishing of most metals, including stainless steel.

**ALUMINUM OXIDE ABRASIVE POINT** – **516** 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.

**ALUMINUM OXIDE GRINDING WHEEL** – **541** Use for de-burring, rust removal and general purpose grinding. 2 Per Pack. Use 541 with Mandrel 402.

EZ Lock<sup>™</sup> 1-½" ALUMINUM OXIDE EDGE GRINDING WHEEL – EZ541GR - For use with EZ Lock<sup>™</sup> mandrel EZ402.

1-½" MULTI-MATERIAL DIAMOND GRINDING WHEEL – 547GR Patented diamond embedding technology surfacing wheel that can remove coatings such as rust, thinset, paint, and sticky adhesives from metal, concrete, tile, wood, and more.



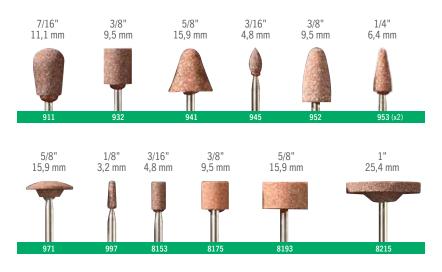
## ROTARY TOOL ACCESSORIES



#### **GRINDING/SHARPENING**

#### FERROUS MATERIALS

**ALUMINIUM 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.



#### NON-FERROUS MATERIALS

SILICON CARBIDE GRINDING STONES (BLUE/GREEN) Designed to work well on stone, glass, ceramics, porcelain and non-ferrous metals.





CUTTING

## DREMELEZ LOCK

Faster Accessory Changes – Easy As 1, 2, 3

Pull –

Twist –

Release







EZ404 Starter Kit. Includes (1) EZ402 and (1) EZ426.

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

**EZ Lock**<sup>M</sup> 1- $\frac{1}{2}$ " **THIN REINFORCED CUT-OFF WHEEL** – **EZ409** For use with EZ Lock<sup>M</sup>. Reinforced cut-off wheels for cutting metal. 2X more cuts compared with 409. 5pc.

EZ Lock<sup>™</sup> 1-¼" REINFORCED CUT-OFF WHEEL – EZ426CU For use with EZ Lock<sup>™</sup>. Reinforced cut-off wheels for cutting metal. 2X more cuts compared with 420. 3pc.

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

EZ Lock<sup>™</sup> 1-½" REINFORCED CUT-OFF WHEEL BULK PACK – EZ456B For use with EZ Lock<sup>™</sup>. Reinforced cut-off wheels for cutting

metal. 12pc. Bulk pack.

**EZ Lock**<sup>M</sup> **1-**<sup>1</sup>/<sub>2</sub>" **REINFORCED CUT-OFF WHEEL** – **EZ476** For use with EZ Lock<sup>M</sup>. Reinforced cut-off wheel makes clean cuts in plastic. 5pc.

EZ Lock<sup>™</sup> 1-½" CBN METAL CUT-OFF WHEEL – EZ506CU For use with EZ Lock<sup>™</sup>. Features a super abrasive grit called cubic boron nitride or CBN. Lasts at least 20 times longer than our fiberglass-reinforced cutting wheels. EZ Lock Premium Metal Cutting Wheel. 1pc.

## ROTARY TOOL ACCESSORIES

#### CUTTING

#### METAL (Limited use on wood and plastic)

**CUT-OFF WHEELS** – **409, 420, 540** For slicing and cutting metal, light 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. Use with mandrel 402.

**506CU** – Premium Metal Cutting Wheel. 1pc. Features a super abrasive grit called cubic boron nitride or CBN. Lasts at least 20 times longer than our fiberglass-reinforced cutting wheels. Use with mandrel 402. Mandrel 402 is sold separately.

FIBERGLASS REINFORCED CUT-OFF WHEELS – 426, 456, 426B Use with mandrel 402. Mandrel 402 is sold separately. 456 package includes a washer set only used with 456.



#### WOOD

**CARBIDE CUTTING/SHAPING WHEEL** – **543** 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).

EZ Lock<sup>™</sup> 1-½" CARBIDE CUTTING WHEEL – EZ544 For cutting soft and hard woods, fiberglass, plastics and laminates. Do not use on metal. For use with EZ Lock<sup>™</sup> mandrel.

 $RIP/CROSSCUT\ BLADE\ -\ 546$  For use with Mini Saw Attachment 670 only. Thickness .023" (0,6 mm).





#### HARD MATERIALS

**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™ 1-½" DIAMOND WHEEL – EZ545 For use with EZ Lock™. Diamond cutting wheel makes clean cuts in hard materials.

#### DRYWALL, MULTIPURPOSE, TILE AND GROUT

 $\ensuremath{\text{DRYWALL CUTTING BIT}}-560\,^*$  Gives you fast clean cuts in drywall.

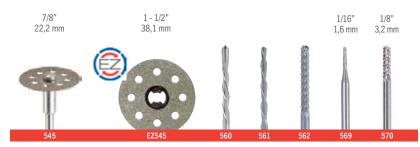
MULTIPURPOSE CUTTING BIT – 561\* Cuts hardwood up to 3/8" and softwood up to 5/8". Also cuts plastic, fiberglass, drywall, laminate, aluminum & vinyl siding.

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**<sup> $\dagger$ </sup> Ideal for replacing wall and floor grout or removing grout to replace broken tiles.

\* Use with cutting guide (page 23).

<sup>†</sup> Use with grout removal guide (page 24).



# ROTARY TOOL ACCESSORIES

#### CLEANING/POLISHING

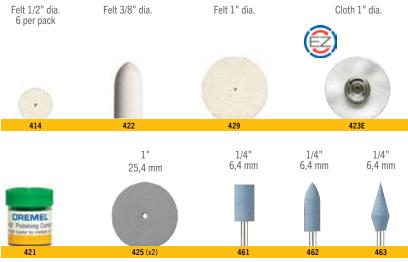
**POLISHING ACCESSORIES** – **414**, **422**, **429** Ideal for polishing metals and plastics. Using polishing compound # 421 with wheels produces a high luster. Use 414, 422 and 429 with Mandrel 401.

**POLISHING CLOTH** – **423E** Made to take a smooth finish and polish it to a high luster. Use with either EZ402, or with 402. Mandrels sold separately.

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

**EMERY IMPREGNATED POLISHING WHEEL** – **425** Ideal for general polishing of most ferrous metal, stone, glass and ceramic. Use 425 with mandrel 402.

**RUBBER POLISHING POINTS** – **461, 462, 463** Blue points for finishing and polishing all ferrous metals. Removes small burrs and scratch marks left by grinding and sanding, and cleans and defines grooves. Also effective on many stones and ceramics.





**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.

**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.

**BRISTLE BRUSHES**\* – 403, 404, 405 Use for light de-burring, cleaning, polishing of silverware, jewelry and other precious metals; can use with polishing compound.

**CARBON STEEL BRUSHES**\* – **428**, **442**, **443** Versatile brush for removing rust and corrosion, polish metal surfaces. De-burr and blend surface junctures, clean electrical components.

STAINLESS STEEL BRUSHES\* – 530, 531, 532 Stainless steel brushes do not cause "after-rust" when used on corrosive-resistant materials like pewter, aluminum and stainless steel.

**BRASS BRUSHES**<sup>\*</sup> – **535, 536, 537** 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.



#### ROTARY TOOL ACCESSORIES



#### SANDING

**DETAIL ABRASIVE BRUSHES** – **EZ471SA, EZ472SA, EZ473SA** Great for detail cleaning and light sanding. Use on metal, glass, wood, aluminum and plastics. Use with either EZ402, or 402. Mandrels sold separately. Not to be used in excess of 15,000 RPM.

**FINISHING ABRASIVE BUFFS** – **511E**, **512E** Great for cleaning and light sanding. Use on metal, glass, wood, aluminum and plastics. The 512 fine-grit buff is particularly ideal for removing tarnish from brass. Use 511E and 512E with either EZ402, or 402. Mandrels sold separately. Not to be used in excess of 15,000 RPM.

**FLAPWHEELS** – **502**, **503**, **504**, **505** Flapwheels 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.

**CARBIDE SHAPING WHEEL** - 801 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. Not to be used for cutting.

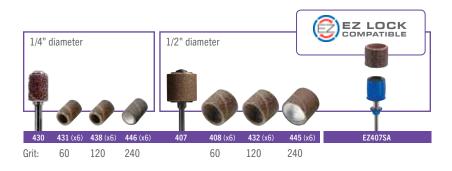




SANDING BANDS – 407, 408, 430, 431, 432, 438, 445, 446 For rough shaping and smoothing wood and fiberglass; removing rust from metal surfaces; shaping rubber surfaces. Sander bands are easily replaceable on drums, and are available in packages of 6 each.

**EZ DRUM SANDING MANDREL** – **EZ407SA** Resilient rubber sleeve forms around 4 tabs to keep accessory secure. Contoured collar holds entire assembly in place. Currently sold with one sanding band. Compatible with ½" diameter bands (408, 432, and 445).

SANDING DISCS – 411, 412, 413, EZ411SA, EZ412SA, EZ413SA, EZ414SA For rough shaping and smoothing wood and fiberglass; removing rust from metal surfaces; shaping rubber surfaces. Use 411, 412 and 413 with mandrel 402. 36 pieces per pack. Use EZ411SA, EZ412SA, EZ413SA and EZ414SA only with the EZ402 mandrel. 5 pieces per pack.







#### MANDRELS AND COLLETS

MANDREL - 401 Use with 414, 422 and 429.

**MANDREL** – **402** Use with 409, 411, 412, 413, 420, 423E, 425, 426, 429, 456, EZ471SA, EZ472SA, EZ473SA, 511E, 512E, 540, 541 and 506CU.

**EZ Lock™ MANDREL** – **EZ402** Use with EZ409, EZ426CU, EZ456, EZ411SA, EZ412SA, EZ413SA, EZ471SA, EZ472SA, EZ473SA, EZ476, 423E, 511E, 512E, EZ541GR, EZ544, EZ545 and EZ506CU.

**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 100, 200, 275, 285, 300, 3000, 395, 398, 400, 4000, 750, 770, 780, 800, 8200 8050, 8100 and 8220. Also use with Dremel attachments 225 and 575. Not compatible with the 4200.

**QUICK CHANGE COLLET NUT SET** – **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. Not compatible with the 4200.

**DUST BLOWER** – **490** Blows dust away for greater visibility to work piece. Great for sanding, engraving, and carving.





490

#### CARBON MOTOR BRUSHES

	BRUSH	TOOLS	TYPE
MMMM	90828*	232 & 332	
	90930	275, 285, 300, 395 & 595	3, 4, 5 & 6
	90930	6000	1&2
	90930	100, 200, 275, 285, 300, 395, 595 & 3000	4, 5, & 6
	90930	6000	1&2

BRUSH	TOOLS	TYPE
90931	398	
90935	732	
90940	4000	

\* Available as service part only.



#### DRILL BITS

7 PIECE DRILL BIT SET – 628 For use with 4485 collet nut kit or the 4486 Dremel Chuck.

 $\begin{array}{l} \textbf{BRAD POINT DRILL BIT SET} - \textbf{631-01} \ \textbf{Titanium coated brad points stay on center and begin drilling immediately. For use on wood.} \end{array}$ 

**GLASS DRILLING BITS** – **662DR**, **663DR** Diamond tipped drill bits for use on glass and ceramic wall tile. Lubricant included.

#### DIAMOND DRILL FLIPBIT - 664DR

Longer life and faster at eliminating material. FlipBit design lets you drill two hole sizes with one bit by simply flipping the bit over.



#### OTHER

WRENCH - 90962 For ease of changing bits.

 $3/8"\ x\ 1"\ DRESSING\ STONE\ -\ 415\ Clean\ grinding\ wheels.$  Shape or reshape for desired applications. Available as service part only.



150

#### MINI ACCESSORY KITS

#### CLEANING/POLISHING KIT - 684

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

#### **20 ASSORTED ACCESSORIES**

Cleaning/Polishing - 403, 404, 405, 414 (x6), 421, 422, 425 (x2), 428, 429 (x3), 520
 Miscellaneous - 401, 402

#### SANDING/GRINDING KIT - 686

Sharpen lawn tools, remove rust, sand down a sticking door, and engrave on glass, plus a whole lot more!

#### **31 ASSORTED ACCESSORIES**

Grinding/Sharpening - 8193, 84922, 85422, 932
 Cutting - 426
 Sanding - 407, 408 (x4), 412 (x15), 432 (x4), 511 - 180 Grit
 Miscellaneous - 402

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

#### **52 ASSORTED ACCESSORIES**

- Carving/Engraving 194
- Grinding/Sharpening 85422, 952
- Cutting 409 (x36), 426
- Cleaning/Polishing 403, 414 (x2), 421, 429 (x2)
- Sanding 407, 408, 432 (x2)
- Miscellaneous 401, 402

#### CUTTING KIT – 688

Reslot a screw, cut conduit, sheet metal, rusted hose clamps, plus a whole lot more!

#### **69 ASSORTED ACCESSORIES**

Cutting - 409 (x36), 420 (x24), 426 (x3), 540 (x5) Miscellaneous - 402

# $\label{eq:carve intricate} \begin{array}{l} \text{CARVING/ENGRAVING KIT} & - \ 689 \ \text{Carve intricate} \\ \text{details, etch glass, stoneware, terracotta, plus a whole} \\ \text{lot more!} \end{array}$

#### **11 ASSORTED ACCESSORIES**

Carving/Engraving - 105, 106, 107, 108, 7103, 7134
 Grinding/Sharpening - 83142, 83322 , 83702, 84922, 85602

#### 6 ASSORTED ACCESSORIES

Routing - 612, 615, 617, 618, 650, 654















#### EZ LOCK<sup>™</sup> SANDING/POLISHING KIT – EZ684 Polish a variety of materials to a high luster, clean those

tough-to-reach areas, remove rust, plus a whole lot more!

#### 7 ASSORTED ACCESSORIES

Cleaning/Polishing - 421, 423E

Sanding - EZ471SA, EZ472SA, 511E (180 & 280 Grit), 512E

#### **EZ LOCK<sup>™</sup> SANDING/GRINDING KIT** – **EZ686** Contains all of the sanding and grinding products a consumer needs.

#### **18 ASSORTED ACCESSORIES**

- Grinding EZ541GR, 84922, 952
- Sanding 408 (x3), EZ411SA (x2), EZ412SA (x2), EZ413SA (x2), 432 (x3), 511E 180 Grit
  Miscellaneous EZ402, EZ407SA

#### EZ LOCK<sup>m</sup> CUTTING KIT – EZ688

Reslot a screw, cut conduit, sheet metal, rusted hose clamps, plus a whole lot more!

#### 11 ASSORTED ACCESSORIES Cutting - EZ409 (x3), EZ456 (x4), EZ476 (x3) Miscellaneous - EZ402









#### CLEANING/POLISHING KIT -726

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

**20 ASSORTED ACCESSORIES** 

Cleaning/Polishing - 403, 404, 405, 414 (x6), 421,422, 425(x2), 428, 429 (x3), 520 Miscellaneous - 401, 402

#### SANDING/GRINDING KIT - 727

Sharpen lawn tools, remove rust, sand down a sticking door, and engrave on glass, plus a whole lot more!

#### **31 ASSORTED ACCESSORIES**

- Grinding/Sharpening 932, 8193, 84922, 85422
  - Cutting 426
  - Sanding 407, 408 (x4), 412 (x15), 432 (x4), 511
- Miscellaneous 402

#### CARVING/ENGRAVING KIT - 729

Carve intricate details, etch glass, stoneware, terracotta, plus a whole lot more!

#### **11 ASSORTED ACCESSORIES**

Carving/Engraving - 105, 106, 107, 108, 7103, 7134 Grinding/Sharpening - 83142, 83322, 83702, 84922, 85602

#### EZ LOCK CUTTING KIT - EZ728

Reslot a screw, cut conduit, sheet metal, rusted hose clamps, plus a whole lot more!

11 ASSORTED ACCESSORIES

Cutting - EZ409 (x3), EZ456 (x4), EZ476(x3) Miscellaneous - EZ402











KITS



#### WOOD KIT -733 Engrave and sand with ease!

#### 20 ASSORTED ACCESSORIES



Sanding- 407, 408 (x2), 432( x2), 411 (x10) Miscellaneous - 150, 402

#### METAL KIT - 734

The perfect kit to get you started on engraving, cutting, and grinding a multitude of metals!

#### **16 ASSORTED ACCESSORIES**



Carving/Engraving- 107 Grinding/Sharpening - 932, 953, 8193 Cutting - 426 (x10) Cleaning/Polishing - 428

Miscellaneous - 402

#### **GENERAL PURPOSE KIT - 730**

Everything you need to cut, carve, sand, grind, clean, and polish, plus a whole lot more!

#### **52 ASSORTED ACCESSORIES**

- Carving/Engraving- 194
- Grinding/Sharpening 952, 85422
- Cutting 409 (x36), 426
- Cleaning/Polishing 403, 414 (x2), 421, 429 (x2)
- Sanding- 407, 408, 432 (x2)
- Miscellaneous 401.402

#### GLASS AND STONE KIT - 736

Engrave and polish jewlery, glass and more!

#### 8 ASSORTED ACCESSORIES

Cutting - 7103, 7134 Grinding/Sharpening- 83142, 84922 Cleaning/Polishing- 425 (x2) Miscellaneous - 664DR, 402, Wrench







#### ALL-PURPOSE ACCESSORY KIT - EZ725

The EZ All-purpose accessory storage kit is the first Dreme accessory kit offering 100% all EZ accessories.

#### **70 ASSORTED ACCESSORIES**

- Cutting -EZ544, EZ545, EZ476 (x2), EZ409 (x3), EZ456 (x4)
- Sanding -EZ407SA, EZ411SA (x6), 408 (x20), 432 (x20), EZ413SA (x6), 511E - 280 Grit, 512E
- Cleaning/Polishing EZ423 (x3)Miscellaneous EZ402

#### SUPER ACCESSORY KIT - 709-02 This versatile

and re-usable accessory kit includes everything you need to cut, grind, sand, polish, drill, sharpen, clean and more.

#### **110 ASSORTED ACCESSORIES**

- Carving/Engraving 191
- Grinding/Sharpening 83142, 84922, 952, 953
- Cutting 409 (x12), 420 (x12), 426, 540
- Cleaning/Polishing 414 (x4), 421, 429 (x4)
- Sanding 407, 408 (x6), 411 (x14), 412 (x13), 413 (x13), 430, 431 (x6), 432 (x6), 438 (x5)
- Miscellaneous 401 (x2), 402, 415, Wrench

#### ALL-PURPOSE ACCESSORY KIT – 710-08 This versatile and re-usable accessory kit includes everything you need to cut, grind, sand, polish, drill, sharpen, clean and more.

#### **160 ASSORTED ACCESSORIES**

- Carving/Engraving 191
- Grinding/Sharpening 84922, 932, 952
- Cutting EZ456 (x2), EZ476
- Cleaning/Polishing 414 (x5), 421, 428, 429 (x5)
- Sanding 407, 408 (x15), 411 (x25), 412 (x25), 413 (x25), 430, 431 (x15), 432 (x15), 438 (x15)
- Miscellaneous 401, 402, EZ402, EZ495, Wrench













#### ALL-PURPOSE ACCESSORY KIT - 712-01

This versatile and re-usable accessory kit includes everything you need to cut, grind, sand, polish, drill, sharpen, clean and more.

#### **162 ASSORTED ACCESSORIES**

- Carving/Engraving 191
- Grinding/Sharpening 84922, 932, 952
- Cutting EZ456 (x2), EZ476
- Cleaning/Polishing 414 (x5), 421, 428, 429 (x5)
- Sanding 407, 408 (x15), 411 (x26), 412 (x26), 413 (x25), 430, 431 (x15), 432 (x15), 438 (x15)
  - Miscellaneous 401, 402, EZ402, Wrench, 490

#### ALL-PURPOSE ACCESSORY KIT - 707-01

This versatile and re-usable accessory kit includes everything you need to cut, grind, sand, polish, drill, sharpen, clean and more.

#### **75 ASSORTED ACCESSORIES**

Grinding/Sharpening - 952, 8193, 85422 Cutting - 420 (x20), 540, 426, 191 Cleaning/Polishing - 414 (x6), 429 (x4), 428, 421 Sanding - 407, 408 (x4), 411 (x12), 413 (x12), 432 Miscellaneous - 150, 401, 402



# HOME SOLUTIONS





THE MAKERS OF VERSATILE TOOL SYSTEMS



#### WHAT IS A HOME SOLUTIONS TOOL?

For dedicated projects where traditional methods just won't do, Dremel Home Solutions Tools has you covered. From the toughest dirt and scum, to an abundance of screws, the tool line-up includes the features to tackle projects around the house, and the accessories to make it efficient.



#### HIGH-SPEED POWER CLEANER



# **DREMEL** VERSA



Limited Warranty



#### **High Speed**

Power through the toughest cleaning jobs with 2,200 RPM.

#### **USB** Charging

2-hour, fast charging Lithium-Ion battery for superior and consistent speed .

#### **Compact & Ergonomic**

Designed to fit comfortably in one hand, while textured soft-grip offers comfort and control even in tight spaces.

#### **Quick- Change Accessories**

Accessories changes are fast with the hook and loop interface. Switch between indoor and outdoor, dry and wet applications with ease.

#### VERSA<sup>™</sup> KIT PC10-01

- 4VMax Dremel Power Cleaner Tool
- USB Charger and Cord
- Splash Guard Attachment
- Backing Pad
- Quick Start Guide

#### **4 ASSORTED ACCESSORIES**

Heavy-Duty Pad- PC361 Eraser Pad- PC362



Bristle Brush-PC364







#### Eraser Pad

Multi-purpose accessory for hard surfaces including counter tops, floors, doors, walls, shoes and more



#### **Non-Scratch Pad**

Great for surfaces that require scrubbing without scratching, such as pots, pans, sinks, drains, tubs and more.



#### **Bristle Brush**

Perfect for detailed areas or objects that require heavy-duty cleaning, such as grout, grill exteriors, car interiors, exteriors and more.



#### Heavy Duty Pad

Aggressively removes stubborn scum and baked-on food, as well as small surface scratches on your wood furniture.



NEW!

# DREMEL GO



Limited Warranty



#### Push & Go

Intuitive to use, the screwdriver starts with a simple push. Setting the switch in neutral locks the drive mechanism in place for manually use.

**Overdrive Control** Prevent damaging the surface and stripping the hole.

Superior Torque 360 RPM to drive twice as fast.

**USB Charger** For fast and convenient charging.

**7 Assorted Accessories** For the most common household needs.





#### DREMEL GO™ KIT GO-01

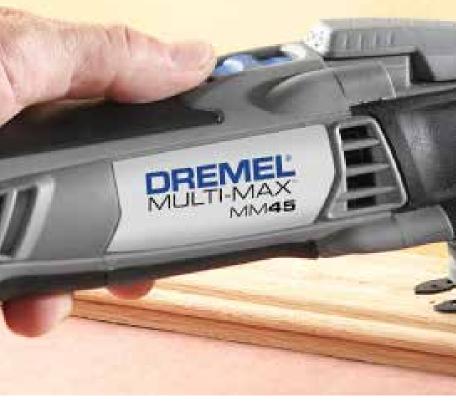
- 4VMax Dremel Cordless Screwdriver
- USB Charger and Cord

#### 7 ASSORTED ACCESSORIES

Phillips- PH1, PH2
 Hex- H5
 Square- R2
 Slotted-S6
 Torx- T20, T25



# OSCILLATING TOOLS







#### WHAT IS AN OSCILLATING TOOL?



Multi-Max<sup>™</sup> oscillating tools, like rotary tools, use a variety of accessories to accomplish a wide range of DIY tasks for repair, remodeling and restoration. However, rather than spinning like a rotary tool, Multi-Max oscillating tools use rapid side- to-side motion to cut, scrape, sand, remove grout, grind and more. You can rest assured that a Dremel Multi-Max oscillating tool will help you get the job done with superior versatility, durability, and control.

#### OSCILLATING TOOLS



## DREMEL MULTI-MAX" MM45

Repair. Remodel. Restore. Faster.™

DREMEL



Limited Warranty



**High-Performance 5.0 Amp Motor** For the most demanding applications.

Variable Speed For optimal performance and control in a variety of materials.

Smart Boost Auto adjusts power and speed as needed.

**3.2 Degree Oscillation** Delivers a faster speed of cut.

Separate On/Off Switch Retains speed setting for ease of use.

**Compact Design** Provides easy access to tight areas.

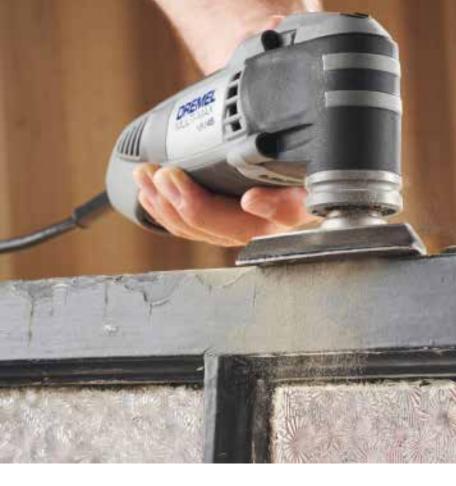


Unlock – Insert – Lock





Accessory Quick Fit™ Interface System For fast accessory changes without removing the clamping screw.



#### MULTI-MAX<sup>™</sup> KIT MM45-05

• Dremel Multi-Max<sup>™</sup> MM45 tool

#### **28 ASSORTED PIECES**

Cutting - MM450, MM435, MM480, MM482 (x2) Sanding - MM14, MM70P (x10), MM70W (x11) Grout Removal - MM502 Misc - Storage Case



# OSCILLATING TOOLS

## DREMEL'MULTI-MAX' MM40

Repair. Remodel. Restore. Faster.™



Limited Warranty

Quick Lock<sup>™</sup> For tool-less and secure accessory changes.

**High-Performance 3.8 Amp Motor** For the most demanding applications.

Variable Speed For optimal performance and control in a variety of materials.

Smart Boost Auto adjusts power and speed as needed.

**3.2 Degree Oscillation** Delivers a faster speed of cut.

Separate On/Off Switch Retains speed setting for ease of use.

**Compact Design** Provides easy access to tight areas.



Unlock – Insert –

– Lock





Accessory Quick Fit™ Interface System For fast accessory changes without removing the clamping screw.



#### MULTI-MAX<sup>™</sup> KIT MM40-06

- Dremel Multi-Max<sup>™</sup> MM40 tool
- Storage Case

#### **31 ASSORTED PIECES**

Cutting - MM450, MM435(x2), MM480(x2), MM482
 Sanding - MM14, MM70P (x12), MM70W (x12)



#### OSCILLATING TOOLS



# Z DREMEĽ MULTI-MAX<sup>™</sup> MM35

DREM

Repair. Remodel. Restore.™

#### Powerful 3.5 Amp Motor

Easily tackles the toughest applications.

#### Variable Speed

For optimal performance and control in a variety of materials.

#### **Tool-less Accessory Change**

Innovative design for quick, secure accessory change without a wrench

#### 3.2 Degree Oscillation Delivers a faster speed of cut.

Separate On/Off Switch Retains speed setting for ease of use.



11110

Limited Warranty







#### MULTI-MAX<sup>™</sup> KIT MM35-01

• Dremel Multi-Max<sup>™</sup> MM35 tool

#### **12 ASSORTED PIECES**





#### OSCILLATING TOOLS



### DREMEL'MULTI-MAX' MM20

Repair. Remodel. Restore.™



Limited Warrantv



Powerful 2.3 Amp Motor Easily tackles the toughest applications.

#### Variable Speed

For optimal performance and control in a variety of materials.

#### Quick Fit<sup>™</sup>

For fast accessory changes without removing the clamping screw.

#### 50% More Power

vs. the 6300.

Efficient Motor Runs cool and smooth under load.

Separate On/Off Switch Retains speed setting for ease of use.

Compact Design Provides easy access to tight areas.



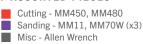
#### Accessory Quick Fit™ Interface System

For fast accessory changes without removing the clamping screw.

#### MULTI-MAX<sup>™</sup> KIT MM20-07

Dremel Multi-Max<sup>™</sup> MM20 tool

#### 7 ASSORTED PIECES







### OSCILLATING TOOL OVERVIEW

	- TON	Man and		
Model	MM <b>45</b>	MM <b>40</b>	MM <b>35</b>	MM <b>20</b>
Amps	5.0	3.8	3.5	2.3
OPM	10,000-16,000	10,000-21,000	10,000-23,000	10,000-21,000
Electronic Feedback Control	Yes	Yes	No	No
Number of Speeds	Variable	Variable	Variable	Variable
Soft Grip	Yes	Yes	Yes	Yes
Separate On/Off	Yes	Yes	Yes	Yes
QuickFit™ Accessories	Yes	Yes	Yes	Yes
Tool-less Accessory Change System	Yes	Yes	Yes	No
Weight	4.45 lb.	3.2 lb.	2.7 lb.	3lb.
Warranty	2 year	2 year	2 year	2 year
Oscillation Degree	3.2	3.2	3.2	3.2

#### OSCILLATING TOOL ACCESSORIES



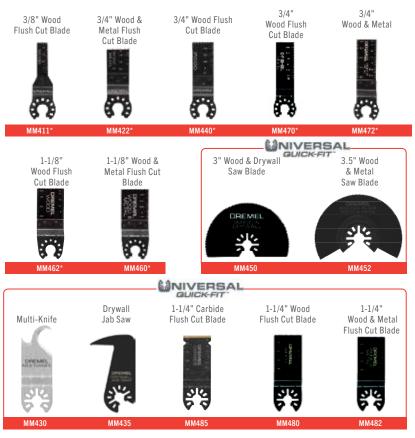
Dremel Multi-Max<sup>™</sup> accessories undergo rigorous testing so you can feel assured that you are purchasing a product of proven value & performance.

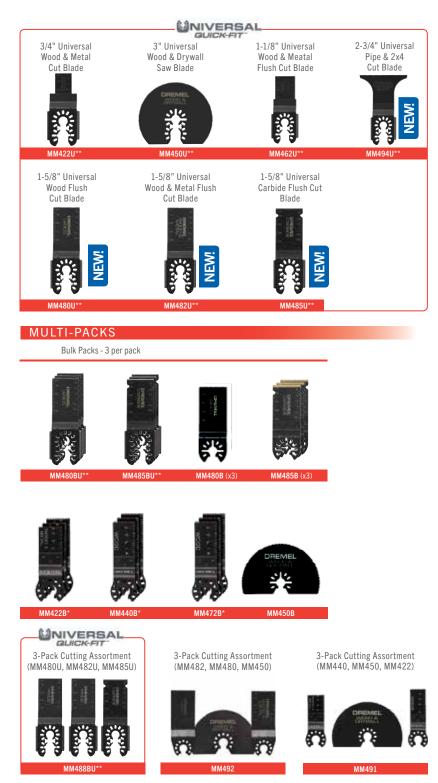


#### CUTTING

Flush cut a baseboard to install new flooring or cut out drywall to install a new light switch. Universal Quick Fit fits most oscillating tool brands\*\*. \*Indicates accessory is only compatible with MM20, MM40, & MM45

\*\* Only available at The Home Depot: Fits Rockwell, FEIN, Makita, Ridgid, Milwaukee, Bosch, including the DEWALT and Porter Cable quick change feature



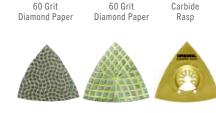


#### OSCILLATING TOOL ACCESSORIES



#### GRINDING

Prepare surfaces for ceramic floor tile replacement. Use the diamond paper to remove cement, plaster, and thin-set mortar. Use the carbide rasp to grind and shape flat surfaces, cement, tile adhesives, stone and rasp wood.



MM910

MM900

MM920

#### SANDING

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



<sup>\*\*</sup> Only available at The Home Depot: Fits Rockwell, FEIN, Makita, Ridgid, Milwaukee, Bosch, including the DEWALT & Porter Cable quick change feature





66

# MULTI-SAWS







#### WHAT IS A DREMEL MULTI-SAW?

A multi-saw like the Dremel Saw-Max, is a powerful and compact circular saw that uses abrasive wheels to cut through virtually any material with ease and speed. The ergonomic design provides comfort in handling, with an excellent line of sight when making straight, flush or plunge cuts in wood, plastic, tile and more. Plus, the Dremel Ultra-Saw offers even more versatility with the ability to perform surface preparation for the removal of paint, rust and thin-set. For fast cuts in a variety of materials, Dremel multi-saws are up for the job.

#### ULTRA-SAW™ TOOL SYSTEM



# DREMELULTRA-SAW

PREMEL



2 Year

Limited Warranty

Cuts Widest Variety of Materials Cuts wood, plastic, metal, tile, masonry & more.



**3 Applications in 1 tool** For flush cuts, rip cuts and material removal.

**Powerful 7.5 Amp Motor** For tough applications.

Increased power and larger wheels -

Faster cutting and improved performance.



Clear line of sight



Adjustable depth control

Grinding - US410

#### ULTRA-SAW™ KIT US40-01

 ULTRA-SAW<sup>™</sup> US40 Tool Handle Attachment, Storage Bag

#### **4 ASSORTED ACCESSORIES**

Cutting - US500, US510, US600 Surface Prep- US410

#### ULTRA-SAW™ KIT US40-03

 ULTRA-SAW<sup>™</sup> US40 Tool Handle Attachment, Storage Bag

#### **5 ASSORTED ACCESSORIES**

Cutting - US500, US510 (x2), US520, US600

#### 2 CUTTING WHEEL POSITIONS



Interior Position For standard straight cuts.

**Exterior Position** For flush cuts or surface preparation

#### ULTRA-SAW<sup>™</sup> ACCESSORIES









+ indicates only sold at Lowes

## SAW-MAX<sup>™</sup> TOOL SYSTEM

# DREMEL'SAW-MAX

DREMES



Limited Warranty

Versatile Cutting System Cuts wood, plastic, metal, tile, masonry & more.



Two cutting wheel positions For straight, plunge and flush cuts.

**Powerful 6 Amp Motor** For tough applications.

Worm Drive Gearing For durability and power.

Excellent line of sight For confident, precise cuts. Compact size and gripping zone For user friendly one handed operation.

Adjustable Depth Guide And plunge action for precision and control.

**Dust Extraction Port** For clean work environment.

#### SAW-MAX<sup>™</sup> KIT SM20-02

- SAW-MAX<sup>™</sup> SM20 Tool, 2 x 4 Guide, Dust Port Adapter
- Storage Case

#### 4 ASSORTED ACCESSORIES

Cutting - SM500, SM510, SM540, SM600





#### SAW-MAX<sup>™</sup> KIT SM20-03

• SAW-MAX<sup>™</sup> SM20 Tool

#### 2 ASSORTED ACCESSORIES

Cutting - SM500, SM510



**Plunge Into Material** For clean and precise cuts.

**One-handed Operation** 







Interior Position For standard straight cuts.



**Exterior Position** For flush cuts with SM600.

## SAW-MAX<sup>™</sup> ACCESSORIES



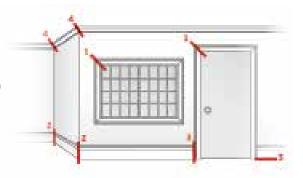
#### Dremel Saw-Max<sup>™</sup> tool only uses Dremel Saw-Max<sup>™</sup> accessories.





#### IDEAL FOR TRIMWORK

- 1 Angle cut to create miter joint (SM840)
- 2 Bevel Cut for Corner Joint (SM840)
- 3 Straight Cut to Butt Joint Trim at Door Jamb (SM840)
- 4 Compound Miter Cuts for Crown Molding Joints (SM844)



# SPECIALTY TOOLS





THE MAKERS OF VERSATILE TOOL SYSTEMS



## WHAT IS A SPECIALTY TOOL?

For dedicated projects where a multi-purpose tool just won't do, Dremel Specialty Tools have you covered. From engraving and soldering, to scroll cutting and precision carving, the tool line-up includes the features to complete a project effortlessly, and the accessories to make it efficient. Cut wood, carve stone, fuse rope, engrave glass and more with the versatile line of Specialty Tools.

## MOTO-SAW™ TOOL SYSTEM



# DREMEL MOTO-SAW







2 in

1,500-2,250 SPM 2.4 lbs. Detachable Coping Function

For handheld use to take the tool to the work piece.

#### Auto Tensioning Quick Change For easy accessory change and optimal tensioning.

Clamp Base

Attaches to various tables, benches and surfaces.

#### Variable Speed Control

For optimal cutting in a variety of materials.

#### Dust Port Adapter

Keeps line of sight clear and work space clean.

#### MOTO-SAW™ KIT MS20-01

- Dremel MS20 Moto-Saw, Fast Clamp Base Vacuum Adapter, Storage Case
- 10 ASSORTED ACCESSORIES
  - Cutting MS51 (x4), MS52 (x4), MS53, MS50













#### MOTO-SAW™ ACCESSORIES

Side Cutting Wood & Plastic	Wood & Plastic	Fine Wood	Metal	
MS50 (x4)	MS51 (x4)	MS52 (x4)	MS53 (x4)	

4" Long Blades (standard scrollsaw blades are 5")

#### **BUTANE TOOLS**

# DREMEL'VERSAFLAME"



**Integrated Ignition Button** Easy startup, no independent ignition tool required.

Variable Temperature and Flame Control Versatile use in both torch and flame mode.

**Detachable Base** For hands-free operation.

**FillingValve** Allows for quick recharge.

#### VERSAFLAME<sup>™</sup> KIT 2200-01

- VersaFlame™ Multi-function Butane Torch
- 4 Tips: Soldering, Blower, Deflector, Flame Diffuser
- Solder, Sponge, Tin, Wrench
- Storage Case



# DREMEL' VERSATIP"



#### Integrated Ignition Trigger

Easy startup, no independent ignition tool required.

Safety Lock Prevents accidental ignition.

Flame Control Slider Lets you select the right temperature for your project.

Filling Valve Allows for quick recharge.

#### VERSATIP KIT<sup>™</sup> 2000-01

- VersaTip<sup>™</sup> Butane Soldering Torch
- 6 Tips: Soldering, Cutting Knife, Shaping Knife, Hot Air, Wide Blower, Deflector
- Solder, Sponge, Storage Tins, and Wrenches
- Protective Cap, Storage Case, Manual





Limited

Warranty

### ENGRAVER

# DREMEL' ENGRAVER





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.

Motor: 120V, AC/115V, 60Hz, .2 amps/0,2 A Strokes: 7,200/SPM | Tool Weight: 12 oz. (340 g)

#### ENGRAVER KIT 290-01

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



#### ENGRAVER ACCESSORIES

Carbide Point – 9924 For most applications Diamond Point – 9929 For continuous use





# DIGITAL FABRICATION



# DREMEL D | G | L A B THE MAKERS OF VERSATILE

HE MAKERS OF VERSATILE TOOL SYSTEMS



# SET YOUR IMAGINATION FREE WITH DIGITAL FABRICATION TECHNOLOGY

Expand your creativity by building your own prototypes or take a hobby to exciting new levels. You can also design or personalize items that reflect your individuality. It satisfies your desire to challenge your mind, while also inspiring others to explore their version of 3D possibilities.

Backed by superior quality and unbeatable customer support, the Dremel DigiLab Suite allows you to begin building your creations instantly.

## **3D PRINTERS**



# DREMEĽ 3D4





#### QUICK SPECS

**Build Volume** 10 x 6 x 6.7 inches

Filament Types Used Nylon, PETG, Eco-ABS, PLA

**Build Plate Material** Heated Glass

#### **RFID Filament Recognition**

Dremel's 3D45 is the only 3D printer that will automatically update the g-code for optimal extruder & build plate temperatures, in addition to print speeds & feeds by recognizing Dremel's RFID-equipped filament rolls.

#### WiFi-Enabled Cloud Printing

Every 3D45 3D printer is wifi-enabled and part of the Dremel Print Cloud. This web-based application allows users to slice files online and print directly to their 3D45 from anywhere there is an internet connection.

#### Semi-Automated Leveling

The 3D45 incorporates smart sensor technology, allowing effortless, accurate calibrations, and easy set-up. The touch screen shows you in real time how to precisely level the plate with just the turn of a knob.

#### HD Camera

Inside the 3D45 is a 720p HD camera that can be used for fleet management and capturing time lapse videos. Connecting to the Dremel Print Cloud allows makerspace supervisors the ability to visually manage their fleet offsite.



#### 3D45 KIT 3D45-01

- 3D45 Printer
- USB with Slicing Software
- Build Plate
- Object Removal Tool
- Power Cable
- USB Cable
- Unclog Tool
- Instruction Manual
- 2 Non-PLA Filament Rolls



#### 3D45-EDU KIT 3D45-EDU

- All 3D45 Kit Components Above
- 30 3D Printing Lesson Plans
- 4-Hour Professional Development Course
- 2 Extra Rolls of Filament
- 1 Additional Build Plate
- 4 Filament Rolls





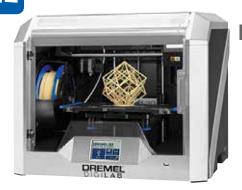
## **3D PRINTERS**





# DREMEĽ 3D40FLEX





#### QUICK SPECS

Build Volume 10 x 6 x 6.7 inches

Filament Types Used PLA

Build Plate Material Flexible Steel

#### Flexible Build Plate

Removable flexible build plate makes print removal quick and easy. Using a magnet and latches to hold the build plate in place, no tools are required. Ergonomic handles make build plate removal and flexing comfortable & easy.

#### **50 Micron Print Resolution**

New 'ultra high quality' print profile slicing software prints parts at 50 micron layer height, perfect for parts with intricate features and fine details.

#### 30% Faster Printing

New 'draft mode' print profile in the slicing software prints parts up to 30% faster than the previous Dremel 3D40, perfect for classroom and at-home efficiency.

#### WiFi Enabled Cloud-Printing

Wifi-enabled and Dremel Print Cloud enabled for easy remote printing and monitoring.



#### 3D40 FLEX KIT 3D40-FLX-01

- 3D40 FLEX Printer
- USB with Slicing Software
- Flex Build Plate
- Object Removal Tool
- Power Cable
- USB Cable
- Unclog Tool
- Instruction Manual
- Build Sheets



PLA Filament (x1)

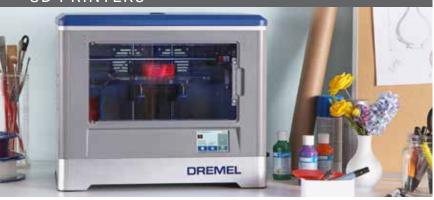
#### 3D40 FLEX-EDU KIT 3D40 FLX-EDU

- All 3D40FLEX Kit Components Above
- 30 3D Printing Lesson Plans
- 4-Hour Professional Development Course
- 3 Additional Rolls of PLA Filament
- 1 Additional Flexible Build Plate
- 4 Additional Build Sheets

PLA Filament (x4)



## **3D PRINTERS**



# DREMEĽ 3D20





#### QUICK SPECS

Build Volume 9 x 5.9 x 5.5 inches

Filament Types Used PLA

Build Plate Material Acrylic

#### **Get Started Immediately**

It's quick and easy to begin 3D printing. Our open system gives you the ability to download and print free models from around the web. You can also create your own designs by using any CAD software to bring your imagination to life.

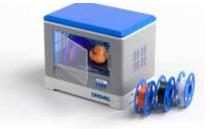
#### Fully Enclosed

The 3D20 is fully enclosed to maximize the printing success rate by creating a stable temperature inside. This also protects children from sticking their hands into the work area during prints.

#### 3D IDEA BUILDER KIT 3D20-01

- 3D20 Printer
- Spool Lock
- Power Cable, USB Cable
- SD Card
- Build Tape
- Object Removal Tool, Unclog Tool
- Leveling Sheet





### FILAMENT

#### PLA



#### PLA

PLA is a bioplastic that is the most commonly used filament in 3D printing. This filament is good choice for creating reliable, high detail prints. PLA is ideal for cosmetic prints used in low-stress applications.

It is a perfect option for beginners due to its ease of printing.

#### ECO-ABS



#### **ECO-ABS FILAMENT**

Eco-ABS is a modified version of PLA that offers the same high detail finish but with added strength, flexibility and durability. It is great for making durable mechanical parts with a smoother surface finish.

#### NYLON



#### **NYLON FILAMENT**

A synthetic polymer that provides strong and flexible prints with heavy wear resistance. Nylon requires a little more care when printing, however it is ideal for parts that require strength or that endure wear over time, such as gears and working hinges.

#### PETG



### PETG FILAMENT

PETG is a thermoplastic filament that combines the strength and flexibility of ECO-ABS with the easy printability of PLA. It is also very durable and temperature resistant. It is good for printing mechanical parts and protective components. It is also good for printing large objects due to its stability and minimal tendency to warp.

### LASER CUTTER



# DREMEĽDIGILAB ASER CUTTER



Limited Warranty

#### **Built To Last**

With over twenty-thousand hours of extensive quality and endurance testing, the Dremel DigiLab Laser Cutter is built for reliability to ensure continuous runtime during all your project needs.

#### Advanced Technology Made Simple

Engineered for ease of use and reduced frustration, Dremel has worked to provide a Laser Cutter with simplified systems you can trust. Equipped with intuitive, dynamic software, you'll have everything you need in the box to get set up and creating.

#### **Only UL Certified Laser Cutter**

The first ever UL-certified laser of its class. our patented array of smart sensors with real-time diagnostics continuously monitor the laser so users can have peace of mind and focus on creativity.

#### QUICK SPECS

Cut Area 20" x 12"

**Engraving Area** 18.4" x 12"



#### SMART Laser Sensors

Our array of smart sensors with real-time safety diagnostics continuously monitor the laser so users can focus on creativity.



#### Stays Cool Under Pressure

Continuously run through all projects without any downtime with our innovative Hex Box, which keeps the laser cool.



#### Smart Camera

Reduce misprints with built-in, high resolution smart camera used to capture work piece and precisely place designs within the software.



#### **Rigorously Tested**

Ensuring product longevity and reliability in all settings from business to classroom, we've slammed, dropped and put the laser through a serious amount of testing.



Intuitive Software

Our laser software is easy to use, compatible with your favorite design software, and built directly into the laser, enabling internet-free access to run software with consistent high-speed performance.



#### **Customizable Material Library**

Easily print on new materials with suggested print settings and ability to save and adjust within advanced material library. Commonly used materials include: acrylic, anodized aluminum, cork, cardboard, fabric, felt, glass, leather, mat board, paper, rubber, and wood.





THE MAKERS OF VERSATILE TOOL SYSTEMS



## WHAT IS A MAKER?

In 1934, we introduced the first-ever high-speed rotary tool with a simple mission: empower Makers of all skill levels to complete creative and fulfilling projects. We believe that when we all create, make and build, our world is a richer, more personal place to live. To recognize our Dremel Makers who contribute to the ever growing and inspiring Maker community, we are excited to announce our new line of official Dremel gear!





#### DREMEL 12oz Cup





**Size** 12oz

Material Stainless Steel

Thermos Keeps drinks cold for up to 16 hours and hot for up to 8 hours

#### DREMEL 24oz Tumbler





Size 24oz

Material Stainless Steel Interior, Comfort Grip Exterior

#### Thermos

Keeps drinks cold for up to 24 hours and hot for up to 12 hours



#### DREMEL T-Shirt



#### Size S-3XL

Material 25% Cotton 50% Polyester 25% Rayon



#### DREMEL DIY PACK



#### Contents

- 4 Dremel Stickers
- 1 Rotary Tool Fabric Sticker
- 1 Rotary Tool Enamel Pin

