



PNEUMATIC TOOLS

SERIES 321:



While we show only the popular **MSI PRO** items we can supply their entire range of products; please inquire.

DIE GRINDERS

Features:

- Tool will accommodate both 1/8" (3mm) (with adapter or collet) and 1/4" (6mm) accessories.
- Variable speed throttle for positive speed control.
- Built in adjustable air regulator allows for a wide range of applications.
- Kit includes: Die grinder, 10 mounted points, 1/8" collet, and wrenches in plastic case.



9010025 1/4" Die Grinder



9918008 1/4" Die Grinder Kit

Order No.	Speed	Air Cons. (CFM)	Length	Weight	Price
9010025	22,000	4	6-3/4"	1-1/8 lbs.	
9918008	22,000	4	6-3/4"	1-1/8 lbs.	

1/8" (3mm) Adapter

Order No. 5080522	Price	
-------------------	-------	--

1/8" (3mm) Collet

Order No. 5080500	Price	
-------------------	-------	--

DIE & ANGLE GRINDERS

Features:

- Safety handle for accident prevention.
- Angle head designed to fit tight areas.
- 10012 has a built in governor that shuts tool down in case of overspeed.



9910007 1/4" Angle Die Grinder



9910012 4" Angle Grinder

Order No.	Wheel Size	Spindle Size	Speed	Air Cons. (CFM)	Length	Weight	Price
9910007	-	1/4" Collet	22,000	4	6-1/2"	1 lbs.	
9010012	4"	3/8" x 24	11,000	10	9"	4 lbs.	

ANGLE GRINDERS

Features:

- Heavy duty construction for tough grinding jobs.
- 5" tool accepts both 4-1/2" and 5" grinding wheels.
- Dead handle and rear throttle control for balanced tool operation



10019 5" Angle Grinder



10013 7" Angle Grinder

Order No.	Speed	Wheel Size	Spindle Thread	Air Cons. (CFM)	Length	Weight	Price
10019	10,000	4-1/2" to 5"	5/8" x 11	11	10-1/4"	4-1/2 lbs.	
10013	7,000	7"	5/8" x 11	12.5	13-1/2"	6-1/2 lbs.	

SANDERS

Features:

- Balanced construction for vibration free performance.
- Front exhaust helps keep work surface clear.



16013 6" Dual Action Sander

Features:

- 360° swing arm for all around positioning comfort.
- Rear exhaust directs air away from work surface.



9916026 3/4" x 20" -1/2" Mini Belt Sander

Order No.	Speed	Pad/Belt Size	Air Cons. (CFM)	Length	Weight	Price
16013	10,000	6"	12	8-3/4"	4 lbs.	
9916026	16,000	3/4" x 20-1/2"	14.2	13-3/4"	3.1 lbs.	



SERIES 321:

CLUTCH SCREWDRIVERS

Features:

- Reversible action for assembly and disassembly.
- Quick change hex collet.
- Excellent power to weight ratio handles tough jobs with minimal fatigue.



14011 1/4" Adjustable Clutch Screwdriver



14013 1/4" Positive Clutch Screwdriver

Order No.	Speed	Torque (in/lbs)	Air Cons. (CFM)	Length	Weight	Price
14013	1,800	115	4	7"	2-1/2	
14011	1,800	45 - 115	4	7"	2-1/2	

REVERSIBLE DRILLS

Features:

- Muffled handle exhaust for quiet operation.
- Variable speed trigger.
- Equipped with Jacobs® chuck.
- One hand forward and reverse lever.



14003 1/2" Reversible Drill



14004 3/8" Reversible Drill

Order No.	Speed	Chuck Size	Air Cons. (CFM)	Length	Weight	Price
14004	1,800	3/8"	4	6-1/2"	3	
14003	500	1/2"	4	7"	4	

RATCHET WRENCH & BUTTERFLY IMPACT WRENCH

Features:

- Teasing throttle for added control.
- Light weight aluminum handle for less operator fatigue.
- Butterfly throttle for single handed forward and reverse operation.
- 360° regulator on 15021.



15003 3/8" Ratchet Wrench



9915021 3/8" Butterfly Impact Wrench

Order No.	Square Drive	Free Speed	Torque (Ft/lbs)	Bolt Capacity	Air Cons. (CFM)	Length	Weight	Price
15003	3/8"	150	45	3/8"	4	10"	2-1/2	
9915021	3/8"	10,000	75	3/8"	3	5-1/2"	2-1/8	

IMPACT WRENCHES

Features:

- Ring socket retainer allows for rapid socket changes.
- Through bolt reverse lever allows for one hand forward and reverse control.
- Adjustable speed regulator sets and maintains air pressure for both forward and reverse operation.



9915022 1/2" Impact Wrench



15016 3/4" Impact Wrench

Order No.	Square Drive	Free Speed	Torque (Ft/lbs)	Bolt Capacity	Air Cons. (CFM)	Length	Weight	Price
9915022	1/2"	7,000	230	5/8"	4.75	7"	5-1/4	
15016	3/4"	4,600	700	1"	10.25	9-3/4"	10-1/2	

100-N/7 Single Speed Rotary Tool Kit

- Ideal when one speed is all you need
- Ideal for shaping, hollowing, grooving, slotting, inlaying and making tapered holes in soft metals, plastics and woods especially on curved surfaces
- Includes 7 genuine Dremel accessories



Tool Features & Benefits

- Single speed control for fulltime 35,000 rpm operation
- Cool-running ball bearing construction for smooth and quiet operation
- Replaceable motor brushes extend tool life
- Lightweight design for comfort during prolonged use

Specifications

- **Amperage** 1.15 • **Cord Length** 6' • **Speed** 35,000rpm
- **Voltage** 120 AC, 50-60 Hz • **Warranty** 2 years • **Weight** (lbs.) 18 oz.

Includes

- Dremel 100 Series Single Speed Rotary Tool • 402 Mandrel • 407 Coarse 1/2" Sanding Drum • 415 Dressing Stone • 420 Heavy Duty Emery Cut-Off Wheel • 432 1/2" 120 Grit Sanding Band • 932 Aluminum Oxide Grinding Stone • 84922 Silicon Carbide Grinding Stone

4000-2/30 High Performance Rotary Tool Kit

- High-performance motor for maximum performance at all speeds
- Electronic feedback for consistent speed under load
- Variable speed for greater versatility
- Can be used with all Dremel accessories and attachments
- Storage Case
- Includes 30 genuine Dremel accessories
- Quick Start Book



Tool Features & Benefits

- High-performance motor for maximum performance at all speeds
- Electronic feedback for consistent speed under load
- Variable speed provides maximum control and precision
- Separate on/off switch and speed control dial for the perfect speed every time
- Can be used with all Dremel attachments and accessories
- Quick collet lock for fast accessory changes
- Cool-running ball bearing construction for smooth and quiet operation
- Replaceable motor brushes extend tool life
- Five year warranty

Specifications

- **Amperage** 1.6 amps • **Cord Length** 6 ft. • **Speed Variable** (5,000 to 35,000 RPM)
- **Voltage** 120 AC, 50-60 Hz • **Warranty** 5 years
- **Weight** (lbs.) 18.8 oz.

Kit Includes

- Dremel 4000 High Performance Rotary Tool • Cicle Cutter/Straight Edge Guide • Sanding/Grinding Guide • Storage Case • Quick Start Book
- 191 High Speed Cutter • 401 Mandrel • 402 Mandrel w/Screw • 407 Coarse 1/2" Sanding Drum • 408 1/2" 60 Grit Sanding Band (2) • 411 3/4" Sanding Disc, 180 grit (3) • 412 3/4" Sanding Disc, 220 grit (3) • 413 3/4" Sanding Disc, 240 grit (2) • 414 Felt Polishing Wheel • 420 Heavy Duty Emery Cut-Off Wheel (2) • 421 Polishing Compound • 426 1-1/4" Fiberglass-Reinforced Cut-Off Wheel (2) • 428 Carbon Steel Brush • 429 1" Felt Polishing Wheel • 432 1/2" 120 Grit Sanding Band (2) • 445 1/2" 240 Grit Sanding Band (2) • 541 Aluminum Oxide Grinding Wheel • 561 MultiPurpose Cutting Bit • 84922 Silicon Carbide Grinding Stone • 90962 Wrench • 932 Aluminum Oxide Grinding Stone

300-1/24, 300 Series Variable-Speed

- New, dynamic design for additional comfort and control
- Includes Storage Case and 24 Accessories



Tool Features & Benefits

- Variable speed from 5,000 to 35,000 rpm
- Lightweight design for comfort during prolonged use
- Comfort grip housing for easier handling and better tool control
- "Dove-tail" feature for Dremel-exclusive attachments
- On board tool storage keeps your wrench close at hand
- Click-and-set on/off switch allows precise speed selection
- Cool-running ball bearing construction for smooth and quiet operation
- Replaceable motor brushes extend tool life

Specifications

- **Amperage** 1.15 • **Cord Length** 6' • **Speed Variable** (5,000 to 35,000 RPM)
- **Voltage** 120 AC, 50-60 Hz • **Warranty** 4 years • **Weight** (lbs.) 18.0 oz.

Includes

- 300 Series Variable Speed Rotary Tool • Cicle Cutter Attachment • 191 High Speed Cutter • 401 Mandrel • 402 Mandrel • 403 Bristle Brush • 407 Coarse 1/2" Sanding Drum • 414 Small Felt Wheels (2) • 420 Heavy Duty Emery Cut-Off Wheel (2) • 421 Polishing Compound • 422 Cone Polishing Tip • 426 1-1/4" Fiberglass-Reinforced Cut-Off Wheel • 428 3/4" Carbon Steel Brush • 429 Large Felt Wheel • 430 Coarse 1/4" Sanding Drum • 432 1/2" 120 Grit Sanding Band • 438 1/4" 120 Grit Sanding Band • 442 Carbon Steel Brush • 540 1-1/4" Cut-Off Wheel • 561 MultiPurpose Cutting Bit • 932 Aluminum Oxide Grinding Stone • 952 Aluminum Oxide Grinding Stone • 8193 5/8" Aluminum Oxide Grinding Stone • 85422 Silicon Carbide Grinding Stone

7700-1/15, 7.2V MultiPro Cordless Kit

- 7.2 Vosts for general applications
- Medium duty cordless that goes anywhere
- Compact and lightweight for easier handling and less fatigue.



Tool Features & Benefits

- Two speeds 10,000 and 20,000 rpm to match the proper speed required
- Removable battery pack lets you use additional packs for continuous use
- 3-hour charger with LED light shows proper charging
- Compact and lightweight for easier handling and less fatigue
- Two-year warranty

Specifications

- **Speed** 2-speed (10,000 / 20,000 RPM) • **Voltage** 7.2 V DC
- **Weight** (lbs.) 11 oz.

Kit Includes

- 7.2 V Cordless rotary Tool • Lawn Mower and Garden Tool Sharpener • 3-Hour Battery Charger • Wrench • Instruction sheet • 191 1/8" High Speed Cutter • 401 Mandrel • 402 Mandrel • 403 Bristle Brush • 407 1/2" Drum Sander • 408 1/2" 60 Grit Sanding Band • 414 Felt Wheel • 420 Heavy Duty Emery Cut-Off Wheel • 421 Polishing Compound • 430 1/4" Sanding Drum • 540 1-1/4" Cut-Off Wheel • 932 Aluminum Oxide Grinding Stone • 952 Aluminum Oxide Grinding Stone • 8193 5/8" Aluminum Oxide Grinding Stone • 84922 Silicon Carbide Grinding Stone

290-01 Electric Engraver

Engraves permanently on tools, machinery, hard steel, wood, plastics, ceramics and more. At 7,200 strokes per minute the 115V motor and replaceable carbide steel engraver point do more than just scratch the surface. Stroke adjustment dial on tool regulates engraving depth from fine lines to deep grooves.



Order No. 290	Price
----------------------	--------------

Tool Description	Model No.	Order No.	Price
Single Speed Rotary	100-N/7	1007	
300 Series Variable-Speed	300-1/24	3001240	
High Performance Rotary	4000-2/30	4000230	
MultiPro Cordless	7700-1/15	7700115	

SPECIALTY FLUIDS

ACCESSORIES AND ATTACHMENTS

SERIES 937:

225-01 Flex-Shaft Attachment

- Easily attaches to corded Rotary Tool
- 36" long with slim 1/2" handpiece
- Accepts up to 1/8" shank accessories.

Model No.	Order No.	Price
225-01	0000225	



2222 Flex-Shaft Tool Holder

Conveniently supports any Dremel Rotary Tool above your workbench

- Clamps to workbenches up to 1-3/4" thick
- Adjusts in height 12" to 42"

Model No.	Order No.	Price
2222	0002222	



Collets

480 481 482 483
1/8" 3/32" 1/16" 1/32"

Model No.	Order No.	Price
480	0000480	
481	0000481	
482	0000482	
483	0000483	

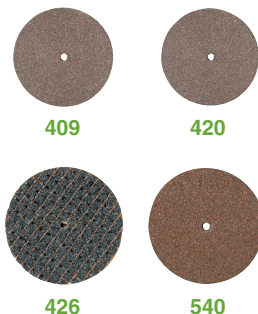


Cut-off Wheels

For use with Mandrel 402

409 .025 thickness 15/16" dia. (36/pk)
420 .040 thickness 15/16" dia. (20/pk)
426 .045 thickness 1 1/4" dia. (5/pk)
(fiberglass reinforced)
540 .0625 thickness 1 1/4" dia. (5/pk)

Model No.	Order No.	Price/Pk
409	0000409	
420	0000420	
426	0000426	
540	0000540	



Brush Accessories

Versatile brushes for removing rust and corrosion, also for polishing metal surfaces.

428 442 443
3/4" 1/2" 1/8"

Model No.	Order No.	Price
428	0000428	
442	0000442	
443	0000443	



DREMEL
Tools for the Imagination

FLEXIBLE SHAFT MACHINES

Series 443:

For Precise or Intricate Hand Grinding, Deburring, Drilling, Polishing, Buffing, or Sanding on Metals, Plastics, and Other Materials

FOREDOM



COMPLETE KITS WITH MOTOR, CONTROL, HANDPIECE AND ACCESSORIES

K.2272, General Applications, 115 Volt.



Includes M.SR hang-up motor, C.FCT foot operated control, H.30 handpiece, 88pc accessory kit, more.

Motor and Speed Control carry a 2 Year Warranty.

Components:

Order No.	4432272
Price	

1. Series SR Motor: Foredom's most popular and best motor for general use. The 1/6 hp, ball bearing, hang-up style M.SR runs in forward and reverse at speeds up to 18,000 RPM. It comes equipped with a motor bale for hanging, and our standard 39" long key-tip inner shaft and outer sheath.

2. C.FCT Speed Control: Foredom's most popular foot operated speed control. It has solid state electronics and comes in a heavy duty plastic housing with an extra wide design.

3. H.30 Handpiece: Foredom's most popular general purpose handpiece. It features a 3-jaw, geared chuck with a 0-5/32" capacity. Accessory changes are easy with this handpiece using the supplied chuck key.

4. HPCK-0 Chuck Key in molded plastic handle for changing accessories.

5. AK21 Accessory Kit (88 pc. assortment with 3/32" and 1/8" shank accessories). It includes many unique items from Foredom- Purple Ceramic Sanding Bands and Discs, V Stones, CeramCut Blue Stones, steel cutters and burs, rubber bonded abrasives, mounted abrasive points, wire and bristle brushes, polishing compound and lots more.

6. Flexible shaft grease.

K.SRH440, Industrial Kit with Heavy Duty Shafting, 115 Volt.



Motor and Speed Control carry a 2 Year Warranty.

Components:

Order No.	4432590
Price	

1. M.SRH Motor Description: Foredom's 1/6 HP, universal, flexible shaft machine runs in forward and reverse rotation at speeds up to 18,000 RPM. It combines the most important features power, reversibility, reliability, and versatility. This model comes equipped with a motor bale for hanging, and a 63" long, square drive shaft and heavy duty protective sheath. Heavy duty flex shafts are the ultimate power tools for deburring, buffing, grinding, polishing and metal finishing of any kind with larger rotary accessories. They are great for large scale woodcarving and sculpting applications with carbide or steel burs and larger mounted grinding stones.

2. C.SCT-1 Speed Control Description: The C.SCT-1 offers the same solid state electronics and smooth control as the C.FCT-1 but in a much heavier, cast iron housing. The added weight eliminates any unexpected movement of the control along the floor. The bottom surface of the speed control is covered with non-skid material.

3. H.44HT Handpiece: This special square drive, collet style handpiece is for exclusive use with our Series TXH, SRH and LXH heavy duty flex shafts. It comes with 1/8" and 1/4" collets. The tapered design allows for close and safe work.

4. AKHK25: This 10-pc accessory kit includes 2 aluminum oxide points, 2 CeramCut Blue stones, 1 carbide bur and 5 different mandrels for grinding wheels and cartridge rolls. All with 1/8" shanks.

5. Flexible shaft grease and spare motor brushes.

While we show only the popular **DREMEL** items we can supply their entire range of products; please inquire.

While we show only the popular **FOREDOM** items we can supply their entire range of products; please inquire.

SPECIALTY FLUIDS