NEW

FOREDOM®

NEW

Power Tools

Effective September 2010

The Foredom Electric Company

Quality and Service Since 1922

www.foredom.net

301 Catalog and Price List

Prepackaged Flex Shaft Kits–

Order by Part Number Shown in Red

Foredom's 1/6HP Series SR, SRM and SRH Prepackaged Kits for General Use

Prepackaged Tool Kits contain nearly everything you need to get to work. They include popular combinations of motors, speed controls, handpieces & accessory assortments. Kits offer the most economical way for new users to get started with Foredom tools.

This catalog introduces three new kits with the Series SR motor and four with our specialized high torque/low speed Series LX motor.

Series SR and SRH Kits feature Foredom's most popular 1/6 horsepower flex shaft motor. It runs in forward & reverse at speeds up to 18,000 rpm. Series SR motors work with our standard speed controls (see pg 7). They have standard key tip style shafts and sheaths for use with any of Foredom's 20+ interchangeable handpieces. Hang-up models of Series SR motors come in **Kits K.2220, K.2230, K.2272, K.5200 and K.5240.**

Bench style Series SRM motors have dial speed controls built into their base and come in two New Kits **K.5230 and K.5300.**

Series SR Models with exactly the same motor specifications can also come equipped with longer, square drive shafts and sheaths. When outfitted this way, these models are called 'heavy duty' and have the letter 'H' added to their part numbers (Series SRH). These motors are for use ONLY with our square drive handpieces, see page 16. The new Series SRH motor **Kit K.SRH440** is featured below.

Series SR, SRM, and SRH Kits are available with 115 or 230V motors and speed controls at the same price. 230V CE compliant kits are priced higher.
See page 7 for speed control power cord plug options and specify when ordering.

2 Yr Warranty on SR/SRM/SRH Motors and Controls.

Series SR Hang Up Motor Kit

H.30® Handpiece with chuck key

K.2230 comes in printed box.

230V Models:
K.2230-2 $309
K.2220-2 $319
K.2230-2CE $344
K.2220-2CE $354
CE kits substitute C.FCT-2CE foot control
See page 7 for plug options and specify when ordering

Jewelers Kit

K.2230 **$309**

M.SR 1/6HP Reversing Motor
C.FCT Foot Operated Speed Control
H.30® Handpiece with geared 3-jaw #0 chuck and HPCK-0 chuck key with plastic handle
AK11– 43pc Accessory Kit with rotating bur holder
Flex shaft grease
Total Value: $359

H.20 Quick Change Handpiece

Jewelers Kit with H.20 Handpiece

K.2220 **$319**

Same as Kit K.2230 except it includes the H.20 Quick Change handpiece in place of the H.30®.
The H.20 is for use only with 3/32″ shank burs.
Total Value: $383

NEW

Series SRH Hang Up Motor Kit with Heavy Duty Shafting

H.44HT Square Drive Handpiece with 1/8″ and 1/4″ collets

Heavy duty shaft connects ONLY to square drive handpieces shown on page 16

Cast Iron Foot Control

230V Models:
K.SRH440-2 $350
K.SRH440-2CE $355 substitute C.FCT-2CE foot control in plastic housing for metal speed control
See page 7 for plug options and specify when ordering

Industrial Kit

K.SRH440 **$350**

M.SRH 1/6 HP Reversing Motor with 63″ long square drive shaft and heavy duty protective sheath
C.SCT Foot Operated Speed Control in metal housing
H.44HT Square Drive Handpiece with 1/8″ and 1/4″ collets, pin & wrench
AKHK25– 10 pc. Accessory Kit
Flex shaft grease
Total Value: $405

Series SR Hang Up Motor Kit

H.30® Handpiece with chuck key

K.2272 comes in printed box.

230V Model:
K.2272-2 $329
See page 7 for plug options and specify when ordering

General Applications Kit

K.2272 **$329**

M.SR 1/6HP Reversing Motor
C.FCT Foot Operated Speed Control in plastic housing
H.30® Handpiece with geared 3-jaw #0 chuck and HPCK-0 chuck key with plastic handle
AK21– 88pc Accessory Kit
Flex shaft grease
Total Value: $436

NEW
Series SRM Bench Motor Kit

H.30® Handpiece with chuck key and handpiece grip

Bench style motor with built-in dial speed control in base

Gourd Carving Kit

K.5230 **$398**

M.SRM 1/6HP Bench Mounted Reversing Motor with built-in dial control in base

H.30® Handpiece with geared 3-jaw #0 chuck and HPCK-0 chuck key with plastic handle

AK52– 14pc Accessory Kit with rotating bur holder, respirator, handpiece grip, brass brush and more

Flex shaft grease

Total Value: $465

230V Model:
K.5230-2 $398
See page 7 for plug options and specify when ordering

NEW
Series SRM Bench Motor Kit

H.44T Handpiece with 3/32″, 1/8″, and 1/4″ collets

Bench style motor with built-in dial speed control in base

Bench-style Woodcarving Kit

K.5300 **$370**

M.SRM 1/6HP Bench Mounted Reversing Motor with built-in dial control in base

H.44T Handpiece with 3/32″, 1/8″, and 1/4″ collets

AKWK50– 12pc Woodcarving Accessory Kit with 3/32″, 1/8″, and 1/4″ shank burs.

Flex shaft grease

A-DVD131– Fur, Feathers, & Fins–A 3-disc 'How-To Power Carve' DVD

Total Value: $430

230V Model:
K.5300-2 $370
See page 7 for plug options and specify when ordering

Series SR Hang Up Motor Kit

H.44T Handpiece with 3/32″, 1/8″, and 1/4″ collets

K. 5240 Kit comes in printed box.

Woodcarving Kit

K.5240 **$339**

M.SR 1/6HP Reversing Motor

C.FCT Foot Operated Speed Control in plastic housing

H.44T Handpiece with 3/32″, 1/8″, & 1/4″ collets

AKWK53–26pc Accessory Kit with rotating bur holder

Flex shaft grease

A-DVD131– Fur, Feathers, & Fins–A 3-disc 'How-To Power Carve' DVD

Total Value: $430

230V Models:
K.5240-2 $339
K.5240-2CE $374 substitute C.FCT-2CE foot control– See page 7 for plug options & specify when ordering

Series SR Hang Up Motor Kit

Cast Iron Foot Control

H.44T Handpiece with 3/32″, 1/8″, and 1/4″ collets

H.28 Pencil Grip Handpiece with 3/32″ and 1/8″ collets

Deluxe Woodcarving Kit with 2 Handpieces

K.5200 **$425**

M.SR 1/6HP Reversing Motor

C.SCT Foot Operated Speed Control in metal housing

H.44T Handpiece with 3/32″, 1/8″, and 1/4″ collets

H.28 Handpiece with 3/32″ and 1/8″ collets

AKWK53– 26pc Accessory Kit with rotating bur holder

Safety glasses, flex shaft grease

A-DVD131– Fur, Feathers, & Fins–A 3-disc 'How-To Power Carve' DVD

Total Value: $519

230V Model:
K.5200-2 $425
See page 7 for plug options and specify when ordering

Prepackaged Flex Shaft Kits–

Order by Part Number Shown in Red

1/3 HP Series TXH Hang Up Motor Kit with Heavy Duty Shafting

H.44HT Square Drive Handpiece with 1/8″ and 1/4″ collets

Heavy duty shaft connects ONLY to square drive handpieces

Cast Iron Foot Control

Industrial Kit

K.TXH440 **$419**

M.TXH 1/3HP Permanent Magnet Motor with longer, square drive shaft and heavy duty protective sheath

C.SXR Foot Operated Speed Control in metal housing

H.44HT Square Drive Handpiece with 1/8″ and 1/4″ collets, pin & wrench

AKHK25– 10pc. Accessory Kit,

Flex shaft grease, spare motor brushes

Total Value: $453

Foredom's 1/3HP Series TX & TXH Kits for Jobs Requiring Extra Power

Series TX and TXH Kits feature our most powerful & technologically advanced 1/3HP, permanent magnet DC motor. Series TX models have advanced rare earth magnets in place of the wound fields in our Series SR motors that deliver higher torque at the low end and throughout the entire speed range of 500 to 15,000 RPM. Series TX and TXH motors use speed controls with special electronics.

Series TX and TXH motors come only ONLY in 115 Volt.

Kits K.TX300 and K.5400 have motors with standard key tip shafts and sheaths for use with our 20+ interchangeable handpieces. Kit K.TXH440 has exactly the same motor but comes equipped with a longer, square drive shaft and heavy duty protective sheath that connects **ONLY** to our specialized square drive handpieces, see page 16.

2 Yr Warranty on TX/TXH and LX Motors & Controls.

Series LX Kits for High Torque, Low Speed Applications

NEW Series LX Kits are best for jobs requiring extra power at low speed including stone setting, wax modeling, pearl drilling, and chisel carving.

Series LX models are 1/10 HP permanent magnet motors that feature full power and torque from start up through max speed of 5,000 RPM. They use the same speed controls as the Series TX. These motors partner well with our drill press and hammer style handpieces.

Kits K.2240, K.2245, K.2250 and K.2252 are all **NEW** and shown on the opposite page. They have motors with standard key tip shafts and sheaths for use with our 20+ interchangeable handpieces.

Series LX Kits ARE available with 115 or 230V motors and speed controls at the same price. See page 7 for speed control power cord plug options and specify when ordering.

1/3 HP Series TX Hang Up Motor Kit

H.30® Handpiece with chuck key in molded plastic handle

Jewelers Kit

K.TX300 **$379**

M.TX 1/3HP Permanent Magnet Motor

C.TXR Foot Operated Speed Control in plastic housing

H.30® Handpiece with geared 3-jaw #0 chuck and HPCK-0 chuck key with plastic handle

AK11– 43pc Accessory Kit with rotating bur holder

Flex shaft grease, spare motor brushes

Total Value: $424

1/3 HP Series TX Hang Up Motor Kit

Cast Iron Foot Control

H.44T Handpiece with 3/32″, 1/8″, and 1/4″ collets

Woodcarving Kit

K.5400 **$409**

M.TX 1/3HP Permanent Magnet Motor

C.SXR Foot Operated Speed Control in metal housing

H.44T Handpiece with 3/32″, 1/8″, and 1/4″ collets

AKWK53– 26pc Accessory Kit with rotating bur holder

Flex shaft grease, spare motor brushes

A-DVD131–Fur, Feathers, & Fins– A 3-disc 'How-To Power Carve' DVD

Total Value: $520

For added versatility, consider the H.50C Chisel Handpiece/ EMX dial control kit on page 15.

NEW
Series LX
Hang Up
Motor Kit

H.18 Quick Change Handpiece

Quick Change Stone Setting Kit

K.2240 **$419**

M.LX Permanent Magnet High Torque/Low Speed Motor
C.TXR Foot Operated Speed Control in plastic housing
H.18 Quick Change Handpiece for use with 3/32″ shank accessories
AK90– 13pc Accessory Kit with small round bur holder
Flex shaft grease and ATAT-1 Accessory Tray
Total Value: $442

230V Model:
K.2240-2 $419
See page 7 for plug options and specify when ordering

NEW
Series LX
Hang Up
Motor Kit

H.18 Quick Change Handpiece

H.15 Hammer Handpiece with carbide stylus and pavé point

Deluxe Stone Setting Kit
with 2 Handpieces

K.2245 **$549**

M.LX Permanent Magnet High Torque/Low Speed Motor
C.TXR Foot Operated Speed Control in plastic housing
H.18 Quick Change Handpiece for use with 3/32″ shank accessories
H.15 Hammer Handpiece with anvil point, carbide stylus and pavé point
AK90– 13pc Accessory Kit with small round bur holder
Flex shaft grease and ATAT-1 Accessory Tray
Total Value: $581

230V Model:
K.2245-2 $549
See page 7 for plug options and specify when ordering

NEW
Series LX
Hang Up
Motor Kit

H.15 Hammer Handpiece with carbide stylus and pavé point

Hammer Stone Setting Kit

K.2250 **$399**

M.LX Permanent Magnet High Torque/Low Speed Motor
C.TXR Foot Operated Speed Control in plastic housing
H.15 Hammer Handpiece with anvil point, carbide stylus and pavé point
AK90– 13pc Accessory Kit with small round bur holder
Flex shaft grease and ATAT-1 Accessory Tray
Total Value: $436

230V Model:
K.2250-2 $399
See page 7 for plug options and specify when ordering

NEW
Series LX
Hang Up
Motor Kit

H.50 Chisel Handpiece

Chisel Carving Kit

K.2252 **$399**

M.LX Permanent Magnet High Torque/Low Speed Motor
C.EMX Table top Dial Speed Control in plastic housing
H.50 Chisel Handpiece
AKHK550– 6pc Chisel Set, **AKHK560**– 5pc Chisel Set, **AKHK570**– 6pc Chisel Set. See pg 15 for chisel specs
Flex shaft grease and ATAT-1 Accessory Tray
Total Value: $477

230V Model:
K.2252-2 $399
See page 7 for plug options and specify when ordering

1/6 HP Series SR Motors– *Best for General Use*

Order by Part Number Shown in Red

Our Best and Most Popular Motor for General Use

The **Series SR** has all the features most people need and want in a flex shaft machine– hence your best choice for General Use applications.

Power The 1/6 hp, ball bearing Series SR runs up to 18,000 RPM with all the power needed to accomplish most any job on nearly any material without stalling or slowing down while under normal load.

Reversible The advantages of running in reverse rotation are not well understood by many of our users. Please read about reverse operation on next page to learn more.

Reliable Two year warranty.

Versatile Available in 115 Volt and 230 Volt.

M.SR, M.SRM and M.SRB motors come with standard 39″ long, 'key tip' flexible shafts and sheaths for connecting to any of Foredom's 20+ 'interchangeable' handpieces (pgs 12-15).

2 Year Warranty on 1/6 HP Series SR, SRH and SR CE Motors and Speed Controls. 18,000 RPM Maximum Speed

Comes in Kits K.2220, K.2230, K.2272, K.5200 and K.5240 shown on pgs 2 & 3.

Hang-Up Style

M.SR-FCT+	$230
M.SR-SCT+	260
M.SR-EM	260

+ CSA Listed–115 Volt

Comes in Kits K.5230 and K.5300 shown on page 3.

built-in speed control

Bench Style with Built-in Speed Control

M.SRM $265

Bench Style

M.SRB-FCT+	$260
M.SRB-SCT+	290
M.SRB-EM	290

+ CSA Listed–115 Volt

Series SR and SRH motors are available in **230 Volt** at same prices.
See page 7 for speed control power cord plug options and specify when ordering.

Series SR and SRH motors use speed controls shown on next page. See page 18 for additional sizes of shafts and sheaths and non-conductive options. These new items are available separately and DO NOT come installed on your motor.

1/6HP Series SRH Motors– *with Heavy Duty Shafts & Sheaths*

M.SRH, M.SRMH & M.SRBH are the same motors as M.SR motors above, but come equipped with heavy duty protective sheaths and 63″ long 'square drive' shafts. The letter 'H' is added to their model names to indicate heavy duty shafting.

Heavy duty flex shafts are the ultimate power tools for deburring, buffing, grinding, polishing, and metal finishing with larger rotary accessories. They are ideal for large scale woodcarving and sculpting jobs with carbide or steel burs and larger mounted grinding stones.

Our heavy duty sheaths are stiffer and less flexible than the standard type. They have square drive shafts that connect ONLY to our four 'square drive' handpieces– H.28H, H.25H, H.30H, and H.44HT, see page 16.

Available in 115 Volt and 230 Volt.

Heavy Duty Series SRH Motors work ONLY with Square Drive Handpieces on Page 16

Comes in Kit K.SRH440 shown on page 2.

Hang-Up Style

M.SRH-FCT+	$255
M.SRH-SCT+	285
M.SRH-EM	285

+ CSA Listed–115 Volt

built-in speed control

← Heavy duty shaft and sheath →

Bench Style with Built-in Speed Control

M.SRMH $290

Bench Style

M.SRBH-FCT+	$285
M.SRBH-SCT+	315
M.SRBH-EM	315

+ CSA Listed–115 Volt

Series SR and SRH motors are available in **230 Volt** at same prices.
See page 7 for speed control power cord plug options and specify when ordering.

Speed Controls for Series SR and SRH motors

The reliable **C.FCT** is Foredom's most popular speed control. It features solid state circuitry in a heavy duty plastic housing with an extra wide footprint, low profile, and non-skid pads on the bottom. It provides smooth control throughout the entire speed range. **CSA listed**. 7″ long, 4½″ wide, 2⅜″ high, ship wt– 2 lbs./1 kg.

The **C.SCT** offers the same electronics and smooth control as the FCT 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 SCT is covered with non-skid material. **CSA listed**. 6¾″ long, 4″ wide, 2⅜″ high, ship wt– 6 lbs./2.7 kg.

The **C.EM** is a solid state control in a plastic housing that can be positioned anywhere on a work surface. The hand dial is used to adjust and set speed. This manual style control allows you to maintain and return to a desired speed, time and again, by using the motor on/off switch rather than the speed control to power up the unit. The EM also has a replaceable fuse that protects the electronics during power surges and work overloads. 5″ long, 5¾″ wide, 2⅝″ high, ship wt– 2 lbs./1 kg.

To order replacement speed controls for 230V 1/8HP Series S and SR motors, specify part nos. C.FCT-2, C.SCT-2, and C.EM-2 at same price.

Series SR CE

These models of the Series SR meet all CE electrical and safety requirements. The SR CE must be used ONLY with the C.FCT-2CE speed foot control shown below. The control's power cord can be equipped with a North American, United Kingdom, Australian, or Continental European style plug, shown at right.

The SR CE has the same specifications as the Series SR motor– 1/6 HP, 125 watts, 18,000 rpm **plus** CE compliance.

The motor is available with 3 different shafts and sheaths:
1. standard key tip shaft and sheath for use with our interchangeable handpieces
2. heavy duty shaft and sheath for connecting to our 'square drive' handpieces
3. European style shaft, sheath and motor connector for use with 'slip joint' handpieces.

Speed Control
C.FCT-2CE $70

Speed Controls for Series SR and SRH Motors–

C.FCT Foot control in plastic housing
C.FCT-1 (115V)+ $35
C.FCH-2 (230V) 35
+ CSA Listed

C.SCT Foot control in cast iron housing
C.SCT-1 (115V)+ $65
C.SCH-2 (230V) 65
+ CSA Listed

C.EM Table-top dial control in plastic housing
C.EM-1 (115V) $65
C.EMH-2 (230V) 65

230 Volt models, see plug options below

IMPORTANT: DO NOT plug your flex shaft motor directly into an electrical outlet. The motor's power cord should be connected to the speed control, which in turn plugs into an outlet.

The C.FCT, C.SCT & C.EM speed controls have 2 cords coming off the back. The 15″ shorter cord accepts the motor plug, and the longer 6′ cord connects to a power outlet.

For Discontinued Motors: *C.FCT, C.SCT and C.EM Speed Controls can also be used with the following Discontinued Foredom Motors: CC, MM, DD, EE, MMG, GG, S, SM, SB, 1/8HP SR, SRM, SRB, L, LM, LB, JJ, F, and K. Speed controls for Series R motors are NO longer available.*

Advantages of Running in Reverse Rotation:

- Left handed users have more control of the cutting tool when in reverse
- Reverse helps to keep dust and debris flying away from right handed users
- Alternating motor direction helps to extend the life of certain abrasives
- Reverse helps with symmetrical grinding and carving techniques
- Reverse makes it easier to back out drill bits that are stuck
- Alternating motor direction makes it easier and faster to polish metals

1/6 HP Series SR CE Motor–

meets CE Requirements

SR CE Mark Hang-Up Style with Standard Key Tip shaft and sheath
M.SR-FCT2CE $265

SRH CE Mark Hang-Up Style with Heavy Duty Square Drive shaft and sheath
M.SRH-FCT2CE $290

SR CE Mark Hang-Up Style European Slip Joint shaft and sheath
M.SRJ-FCT2CE $265

230 Volt Speed Control Power Cord/Plug Options

Standard 3-prong US style plugs come supplied on all 230 volt speed controls, (except C.FCT-2CE), unless specified. **Please add "CP" option number to part no. and $4** to the price of the speed control if specifying a non-US plug.

North American
CSA Compliant
not CE

United Kingdom
UK plug with internal fuse
(CE Compliant)
CPOPTION 21

Continental European
with 2 prongs & grounding hole
(CE Compliant)
CPOPTION 22

Australian
with 3 prongs
(CE Compliant)
CPOPTION 26

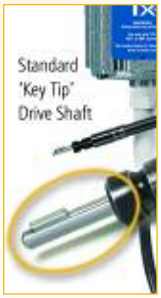
Cord with no plug (**NOT** CE Compliant)
CPOPTION 20

1/3 HP Series TX Motors– *Best for Jobs Requiring Extra Torque at ALL Speeds*

2 Year Warranty on Series TX & TXH Motors/Controls.
NOT Available in 230 Volt
15,000 RPM Max Speed

High Torque at ALL Speeds up to 15,000 RPM

Series TX motors are Foredom's most powerful flex shaft machines. They have **permanent magnet** DC motors that feature the latest in flex shaft technology. These ball bearing models utilize advanced rare earth magnets (in place of the wound fields in our **universal** type SR motors) that deliver more torque at the low end and throughout the entire speed range of 500 to 15,000 RPM. No other flex shaft gives you greater control of the cutting tool, drill, or bur under any load.



M.TX, M.TXM, and M.TXB motors come with standard 39″ long flexible shafts and sheaths that connect to any of Foredom's 20+ interchangeable handpieces (see pages 12-15).

Foredom's permanent magnet motors **require the use of a C.TXR, C.SXR, or C.EMX speed control.** Damage will result if the motor is connected to any other control. See note on pg 9.

The TX hang-up model comes prepackaged in kits **K.TX300** and **K.5400** and the TXH comes in **K.TXH440** on pg 4.

Comes in Kits K.TX300 and K.5400 shown on page 4.

Hang-Up Style

M.TX-TXR	$295
M.TX-SXR	320
M.TX-EMX	320

built-in speed control

Bench Style with Built-in Speed Control

M.TXM	$325

Bench Style

M.TXB-TXR	$325
M.TXB-SXR	350
M.TXB-EMX	350

TX and TXH motors are NOT available in 230V. Order by Part Number Shown in Red

Series TX and TXH motors use speed controls shown on next page. See page 18 for additional sizes of shafts and sheaths and non-conductive options. These new items are available separately and DO NOT come installed on your motor.

1/3 HP Series TXH Motors– *with Heavy Duty Shafts & Sheaths*

M.TXH, M.TXMH, and M.TXBH are the same motors as the M.TX motors above, but come equipped with heavy duty protective sheaths and 63″ long 'square drive' shafts. The letter 'H' is added to their model names to indicate heavy duty.

Heavy duty flex shafts are the ultimate power tools for deburring, buffing, grinding, polishing, and metal finishing with larger rotary accessories. They are ideal for large scale woodcarving and sculpting jobs with carbide or steel burs and larger mounted grinding stones.

Our heavy duty sheaths are stiffer and less flexible than the standard type. They have square drive shafts that connect ONLY to our four 'square drive' handpieces– H.28H, H.25H, H.30H, and H.44HT, see pg 16.

These models also require the use of speed controls designed specifically for our PM motors, see pg 9.

Heavy Duty TXH Motors work ONLY with Square Drive Handpieces on page 16 and Speed Controls on next page

Comes in Kit K.TXH440, shown on page 4.

Hang-Up Style

M.TXH-TXR	$320
M.TXH-SXR	345
M.TXH-EMX	345

built-in speed control

← Heavy duty shaft and sheath →

Bench Style with Built-in Speed Control

M.TXMH	$350

Bench Style

M.TXBH-TXR	$350
M.TXBH-SXR	375
M.TXBH-EMX	375

High Performance with Smooth and Controlled Acceleration

Three models of speed controls are available for use with Foredom's Series TX, TXH, LX, and LXH permanent magnet motors. They offer especially smooth and controlled performance.

These controls look the same as our standard models, however, they have special electronics that convert AC current from an electrical outlet to DC current, the type required by these motors. C.TXR, C.SXR and C.EMX controls also have different style plugs that are made to fit the motor's shielded plug.

Important Note:
Foredom's permanent magnet Series TX, TXH, LX and LXH motors require the use of a C. TXR, C. SXR or C.EMX speed control shown above. Damage will result: 1. if the motor is connected to any other speed control, including an C.FCT or C.SCT, C.FCH, C.SCH, etc; 2. if the plug is modified to fit a different control, or 3. if the motor is connected directly to a power source.

Speed Controls for Permanent Magnet Motors– Series TX, TXH, LX, and LXH

Order by Part Number Shown in Red

TXR
Foot operated control in plastic housing
C.TXR-1 (115V) $55
C.TXR-2* (230V) 55

SXR
Foot operated control in cast iron housing
C.SXR-1 (115V) $80
C.SXR-2* (230V) 80

EMX
Table-top dial control in plastic housing
C.EMX-1 (115V) $80
C.EMX-2* (230V) 80

*** 230 Volt Controls are for use with 230V Series LX & LXH motors. Series TX motors are NOT available in 230V**

These specially designed controls are equipped with two cords coming off the back. The 15″ shorter cord or socket connector has a unique style plug that fits the shielded motor plug. The longer 6′ cord connects to a power outlet.

Dimensions:

C.TXR: 7″ long, 4½″ wide, 2⅜″ high, ship wt– 2 lbs./1 kg.

C.SXR: 6¾″ long, 4″ wide, 2⅜″ high, ship wt– 6 lbs./2.7 kg.

C.EMX: 5″ long, 5¾″ wide, 2⅝″ high, ship wt– 2 lbs./1 kg.

PowerGraver® Kit and Accessories

Order by Part Number Shown in Red

Ideal for Bead, Prong, Channel, Hammer and Bezel Setting, Engraving and other Decorative Work.

The PowerGraver provides a power assist to stone setting and engraving operations. Kit K.2293 is a dedicated system with specialized components. It's permanent magnet Series PGX motor is designed for high torque/low speed applications up to 2,800 RPM with permanently lubricated ball bearings for quiet, trouble-free performance.

The H.9D handpiece works and feels like a hand engraving tool with the added advantages of greater control and the ability to adjust the impact force.

Comes equipped with an extra flexible neoprene sheath and a 6′ long power cord. A 32-minute instructional DVD, along with a set of accessories and maintenance items are also included.

2 Year Warranty on PowerGraver Motor

PowerGraver Kit

K.2293 $519

230V Model: K.2293-2 $519 See page 7 for plug options and specify when ordering

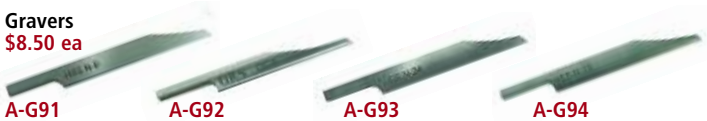
M.PGX Permanent Magnet Motor
C.EMGX Dial Speed Control
H.9D Handpiece with 1/16″, 3/32″, 1/8″, and 3mm collets
Accessories: carbide stylus, anvil point, & set of 4 gravers, below
C.FCGX On/Off Foot Switch
A-DVD125, grease, handpiece oil

Kits may be ordered without gravers, engraving & anvil points at a savings of $30.00.
Add CPOPTION 91 to end of kit part number when ordering.

Prices shown below if purchased separately

H.9D Handpiece $185
Collet type handpiece has a special quick disconnect that fits ONLY the M.PGX motor sheath. Adjusting ring changes the impact force and a palm rest provides the comfort and "feel" of a hand engraving tool.

Gravers
$8.50 ea



A-G91 #52 Round
A-G92 #3 Onglette
A-G93 #2 Bevel
A-G94 #40 Flat

HP10215 $30.50 Carbide Stylus
HP10177P $6 Anvil Point
A-R15G $38 OPTIONAL Diamond Pave Point (not included)

Kit Components

Prices shown below if purchased separately

M.PGX Motor $225
Quiet, smooth running, permanent magnet motor has 36″ flexible Neoprene Sheath.

C.EMGX Dial Speed Control $80

C.FCGX On/Off Foot Switch $25
For use on 115V and 230V

A-DVD125 PowerGraver DVD $4.95

High Torque/Low Speed Series LX Motors– *Best for Jobs Requiring Extra Torque at Low Speed up to 5,000 RPM*

Series LX motors are permanent magnet and work with the same speed controls as the Series TX (page 9). Specifically designed for high torque/low speed, LX motors offer the added power needed for low speed jobs like stone setting, wax modeling, and pearl drilling. **M.LX, M.LXM, and M.LXB** ball bearing motors feature full power and torque from start up through max speed of 5,000 rpm.

Series LX and LXH are available in 115 and 230 Volt.

These motors are ideal for use with Foredom's drill presses (page 17). They also are well matched with our H.15 and H.15D Hammer Handpieces.

Series LX motors come with standard length shafts and more flexible neoprene sheaths that connect to any of our 20+ interchangeable handpieces shown on pgs 12-15.

Comes in Kits K.2240, K.2245, K.2250 and K.2252 shown on page 5.

Hang-Up Style

M.LX-TXR	$270
M.LX-SXR	295
M.LX-EMX	295

2 Year Warranty on Series LX and LXH Motors and Controls. 5,000 RPM Max Speed.

Bench Style with Built-in Speed Control

M.LXM	$300

Series LX Motors are also available in 230 Volt at same prices. Please Specify and see page 7 for cord options.

Bench Style

M.LXB-TXR	$300
M.LXB-SXR	325
M.LXB-EMX	325

Series LX and LXH motors use speed controls shown on page 9. See page 18 for additional sizes of shafts and sheaths and non-conductive options. These new items are available separately and DO NOT come installed on your motor.

High Torque/Low Speed Series LXH Motors– *with Heavy Duty Shafts & Sheaths*

M.LXH, M.LXMH, and M.LXBH are the same motors as the M.LX motors above, but come equipped with heavy duty protective sheaths and 63″ long 'square drive' shafts. The letter 'H' is added to their model names to indicate heavy duty.

Heavy duty flex shafts are the ultimate power tools for deburring, buffing, grinding, polishing, and metal finishing with larger rotary accessories. They are ideal for large scale woodcarving and sculpting jobs with carbide or steel burs and larger mounted grinding stones.

Our heavy duty sheaths are stiffer and less flexible than the standard type. They have square drive shafts that connect ONLY to our four 'square drive' handpieces– H.25H, H.28H, H.30H, and H.44HT, see pg 16.

These models also require the use of speed controls designed specifically for our PM motors, see page 9.

Heavy Duty Series LXH Motors work ONLY with Square Drive Handpieces on Page 16 and Speed Controls on Page 9

Hang-Up Style

M.LXH-TXR	$295
M.LXH-SXR	320
M.LXH-EMX	320

← Heavy duty shaft and sheath →

Bench Style with Built-in Control

M.LXMH	$325

Series LXH Motors are also available in 230 Volt at same prices. Please Specify and see page 7 for cord options.

Bench Style

M.LXBH-TXR	$325
M.LXBH-SXR	350
M.LXBH-EMX	350

Safety Products

Order by Part Number Shown in Red

AK6100 $22
Safety Kit
Excellent kit to help stay safe while using Foredom® and other power tools. Comes in plastic storage case with integrated handle. Includes 3M products and safety glasses:
A-SG3 Safety Glasses
A-6106-3 Respirators (3-Pack)
A-6102 Roll of Vetrap tape
A-6103-3 Soft Foam Ear Plugs (3-Pack)

A-SG3 $16.20
Safety Glasses
Clear polycarbonate glasses with a contemporary style and unitary lens design. Temples are length adjustable with slotted ends. Comes with neck cord.

C.FCG and C.FCGX-1 $25
On/Off Foot Switch–Momentary On
Use with flexible shaft machines to sustain full speed in operation. Also for scroll saws, drill presses, and other stationary power tools. Operator can turn tool on and off without using the manual switch. Rated 1/3 HP, 6 amp max. motors. Comes with 18″ cord with receptacle plug and 6′ cord with 3-prong plug.

Use C.FCG with motors: M.SR (and discontinued M.PG and M.L)
Use C.FCGX-1 with motors: M.TX, M.LX, M.PGX (and discont'd M.L-2)
Use C.FCG-2 with motors: M.SR 230 Volt, (and discontinued M.PG-2)
Use C.FCGX-2 with 230 Volt motors: M. LX-2 and M.PGX-2

A-6103-10 $5/10pk
A-6103-100 $43.10/100pk
3M Soft Foam Ear Plugs
These are soft foam ear plugs with a patented articulated shape for improved fit and comfort. Made of hypo-allergenic materials, they roll down for easier insertion and fit for small ear canals.

A-6106-6 $13.20/6pk
3M Particulate Respirator
A three-panel respirator with low profile design that folds flat and fits a wide range of face sizes. Comfortable, lightweight and convenient. Has Cool Flow™ Exhalation Valve for work in heat and humidity.

A-6102 $3.40/roll
3M Vetrap Tape
Self-adhering tape is easy to apply and requires no pins, clips or adhesive to secure it. Tape won't loosen over time and stays in place until removed. Doesn't stick to hair, skin, or anything else. Use to protect fingers during close work with sharp instruments.
2″ wide x 15′ long.

Routine Maintenance *for your Foredom Flex Shaft Machine*

Foredom motors are durable and built to industrial standards. Much like other quality tools, they require some basic maintenance to keep them running at optimum performance. The procedures shown here are described in more detail in your printed Owner's Manual and on our website.

See pages 18 and 19 for spare parts and maintenance supplies.
Always unplug your power tool when conducting maintenance procedures!
Never run the motor with the outer sheath removed!

Visit our website home page (www.foredom.net) for video of all the maintenance steps shown below.

Routine Cleaning of Motors

It is important to routinely clean your Foredom Power Tool. Accumulation of dirt and dust is the most common cause of poor operation and excessive wear.

Air should be blown through the motor every 40 hours of use to remove dirt and dust.

Replacement of Motor Brushes

The motor brushes should be checked for wear periodically. When new, they are approximately 3/4″ (19mm) long. Replace them when they have worn to 1/4″ (6mm).

To remove brushes, disconnect motor power cord and unscrew the brush caps.

Routine Cleaning and Lubrication of Flexible Shaft

The shaft should be checked, wiped clean, and re-lubed with grease every 50 hours of use. With every 200 hours of use, the shaft should be thoroughly cleaned with solvent and lubricated.

A. Unplug the motor from power source.

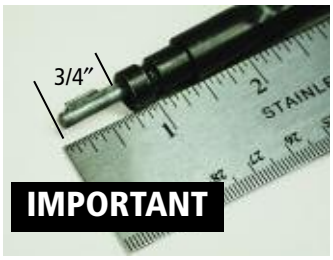
B. With the handpiece removed, loosen the set screw and slide sheath out of the motor connector.

C. Apply a **very light** coating of grease to the shaft. If too much grease is applied, the excess will work its way into the handpiece and eventually seep out. For this reason, apply a bit less near the handpiece end of the shaft.

D. Replace and adjust sheath so that shaft key tip extends 3/4″ (19mm) from sheath. Retighten set screw in motor connector.

E. Clean exterior of sheath by wiping with a cloth.

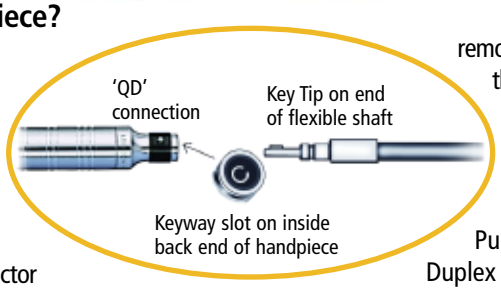
F. Hang and run the motor for about 10 minutes before re-attaching the handpiece to allow enough time for the grease to warm up, spread and drain off. Wipe off any excess grease at tip end of sheath.



Order by Part Number Shown in Red.

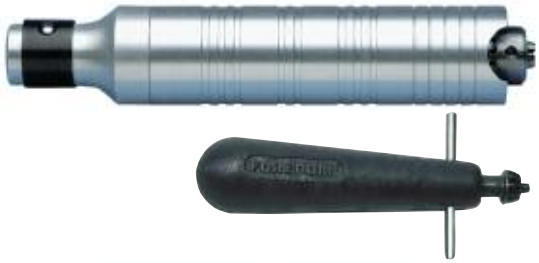
What is an Interchangeable Handpiece?

Foredom's Quick Disconnect or 'QD' feature makes it fast and easy to interchange handpieces to any Key Tip style flexible shaft (all of our flex shaft machines except heavy duty SRH, TXH and LXH models). QD refers to the back portion of Foredom's extensive selection of interchangeable handpieces, there are 23 models. Inside the QD is a round connector with a keyway slot that accepts the key tip on the end of the flexible shaft. Since the QD's are the same on all handpieces of this type, they are interchangeable and can be easily attached or removed. When attaching a handpiece, be sure that the key tip of the flexible shaft is properly aligned with the keyway slot in the back end by looking inside before pushing it on. To remove, simply pull the handpiece off the shaft with a firm grip. Foredom's General Purpose, Quick Change, Special Use, Duplex Spring, and Chisel Handpieces are all 'Interchangeable'. Many users own various types of interchangeable handpieces which increases the versatility of their Foredom flex shaft machine.



General Purpose– *Interchangeable Handpieces*

The H.8, H.28, H.30®, H.43T & H.44T handpieces are among our most popular, as they work with different size shank accessories for a broad range of applications. They are interchangeable with Foredom's 'Quick Disconnect' feature that permits a connection to any of our standard 'Key Tip' style shafts and sheaths, suitable for continuous use and have pre-lubricated ball bearings that do not require any additional lubrication by the user.



H.30®
$65

The H.30® is Foredom's most popular handpiece. It features a geared 3-jaw #0 chuck that takes any size shank accessory or drill bit up to 5/32″ (4mm). Comes with the HPCK-0 chuck key with molded plastic handle. Various bench top tools are available to work with this versatile handpiece, including our drill presses (pg. 17), handpiece holder (pg. 20), Allset® Stone Setting Kits (pg. 17), and the Belt Sander Attachment (pg. 17).

5 3/16″ long, 1″ dia., 5.85 oz., ship wt. 9.1 oz.

H.44T
$59

The H.44T accommodates accessories with shank sizes up to 1/4″ in diameter. Comes with three collets: 3/32″ (2.35mm), 1/8″ (3.18mm) and 1/4″–installed (6.4mm), and pin and chuck wrench. Other fractional and metric collets are available separately and in Collet Set HP440 (pg. 19). Can also be used in Foredom's handpiece holder (pg. 20) and drill presses (pg. 17).

5⅝″ long, 1″ dia. (center), 3/4″ dia. (taper), wt. 5.85 oz., ship wt. 8.6 oz.

European version with 3mm, 6mm & 2.35mm collets available: **H.44T-E $59**

The H.44T and H.43T are ideal for many industrial and woodcarving applications

H.43T
$59

Same as the H.44T except 1″ shorter. The H.43T also comes with three collets: 3/32″ (2.35mm), 1/8″ (3.18mm) and 1/4″–installed (6.4mm), and pin and chuck wrench. Other fractional and metric collets are available separately and in Collet Set HP440 (pg. 19). Can be used in Foredom's handpiece holder (pg. 20), but it is too short for use in drill presses. 4½″ long, 1″ dia. (center), 3/4″ dia. (taper), wt. 4.9 oz., ship wt. 7.75 oz.

Our shorter version of the H.44T is great for getting into tight, difficult -to-reach, and interior spaces with larger accessories

H.28
$59

The H.28 has a slender, comfortable design and tapered grip. Comes with 3/32″ (2.35mm)–installed and 1/8″(3.18mm) collets, and pin and chuck wrench. Other fractional & metric collets are available separately and in Collet Set HP600 (pg. 19). 5¼″ long, 23/32″ dia. (center), 1/2″ dia. (taper), wt. 3 oz., ship wt. 4.35 oz.

H.8
$59

The H.8 has a slim design and chuck guard sleeve that protects fingers when working close and slides back when changing collets and accessories. Comes with 3/32″ (2.35mm)–installed and 1/8″ (3.18mm) collets, and set of chuck wrenches. Other fractional and metric collets are available separately and in Collet Set HP600 (pg. 19). 6⅛″ long, 5/8″ dia., wt. 3.55 oz., ship wt. 5.1 oz.

Quick Change– *Interchangeable Handpieces For Use Only with 2.35mm (3/32″) Burs* Order by Part Number Shown in Red.

Quick Change Handpieces accommodate ONLY 2.35mm (or 3/32″) shank size accessories that get seated in the handpiece's 2.35mm collet. Quick Change handpieces allow you to change out accessories (burs, bits, cutters, drills, etc.) with only a brief interruption in work and without the use of a chuck key or pin and wrench. We offer push/pull, push lever, and rotating lever style bur release mechanisms. Selection is a matter of personal preference, as all save time for stone setters and other users making frequent bur changes. It is important to **ALWAYS** store a bur in the collet of a Quick Change handpiece even when not in use.

H.18 Foredom's most popular Quick Change handpiece features a super slim grip and lever action that opens and closes the collet. It has pre-lubricated ball bearings that do not require lubrication. Removing and cleaning of the precision collet is easy to do.
$145 7″ long, 19/32″ dia., wt. 3.65 oz., ship wt. 4.45 oz.

H.20 H.20 has a molded plastic front grip with tapered sides for easy and close handling. It has pre-lubricated ball bearings that do not require lubrication.
$89 5⅝″ long, 7/8″ dia. (center) 3/8″ dia. (front taper), wt. 4 oz., ship wt. 5.0 oz.

H.52 The H.52 has a durable plastic barrel and grip that is comfortable to hold. It is smooth running with pre-lubricated ball bearings that do not require any lubrication. A push/pull action on the handpiece body is all that is required to change accessories.
$140 5½″ long, 51/64″ dia., wt. 3 oz., ship wt. 5.5 oz.

H.10 The H.10 has a rotating lever action that releases and closes the collet for quick and easy changes. It requires lubrication after the first 2-3 months of continuous use.
$279 7⅜″ long, 21/32″ dia., wt. 4.55 oz., ship wt. 5.5 oz.

Press-to-Release Lever Action

Simply push lever down to open collet, release lever to lock in bur.

Lever Action

To insert an accessory, rotate lever 90° away from handpiece body. Insert accessory, and move lever forward **or** back 90° into locked position.

Push/Pull Action

Simply pull to open chuck, insert accessory and push to close and lock.

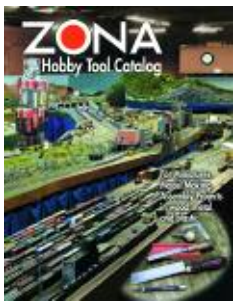
Lever Action

To insert an accessory, rotate lever 180° toward back end of handpiece. Insert accessory, and move lever forward 180° into locked position.

www.foredom.net

www.olsonsaw.net

www.zonatool.net



Other Product Catalogs from Foredom/Blackstone Industries

Request these catalogs

Foredom's Accessory Catalog contains an extensive selection of accessories for flex shafts and other rotary tools.

Olson's Catalog features an extensive selection professional-grade band and scroll saw blades in all popular lengths and specs. Scroll Saw Blade Selection Chart for cutting wood, plastic and metal also included.

Zona's Catalog features its popular line of razor saws and many other quality-made hand tools for hobbies.

Special Use– *Interchangeable Handpieces*

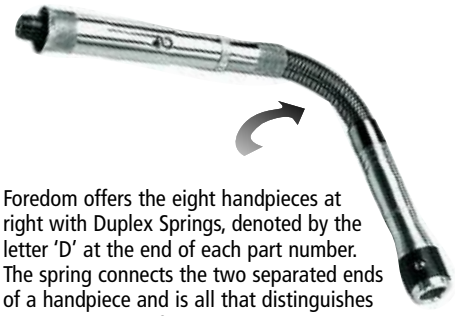
Order by Part Number Shown in Red.

H.25 $150 Heavy Duty

A precision, collet-style handpiece made for continuous production work. The H.25 has double shielded ball bearings and a heavier duty housing than our regular interchangeable handpieces. The H.25 comes with 1/8″ (3.18mm)–installed and 1/4″ (6.4mm) collets, and pin and chuck wrench.
5¼″ long, 1$^{1}/_{32}$″ dia., wt. 7.15 oz., ship wt. 9.6 oz.
Other fractional and metric collets are available separately and in Collet Set HP103000 (page 19).

Duplex Spring– *Interchangeable Handpieces*

Order by Part Number Shown in Red



Foredom offers the eight handpieces at right with Duplex Springs, denoted by the letter 'D' at the end of each part number. The spring connects the two separated ends of a handpiece and is all that distinguishes these handpieces from standard models. The duplex spring component requires periodic lubrication. (MS10005 – Handpiece Lube pg. 19)

Duplex Springs provide extra flexibility to a handpiece when more precise control for delicate work is required. The spring drive is made of special steel, double wound, tubular construction with a protective flexible spring cover. Replacement springs (Part No. HP76, see page 19) are available and can be installed by the user.

Duplex springs are subject to breakage and are not covered by warranty.

We recommend that only experienced users of flex shaft tools and/or those whose work demands added flexibility consider this style handpiece.

H.15 $139 Hammer

Our hammer handpiece has a reciprocating rather than rotary action and is used at low speed (0-5,000 rpm) and only in forward rotation by jewelers for stone setting and decorative work. The hammer has a 1/32″ stroke and its impact force can be adjusted from light to heavy by turning the silver knurled adjusting ring. It requires periodic lubrication with MS10005 – Handpiece Lube (pg. 19). Includes HP10177 Anvil Point and pin for installing and tightening points. 6¼″ long, 1/4″ dia. at tip, wt. 3.65 oz., ship wt. 4.85 oz.
Available Separately: Pavé Point (A-R15PT) for special texturing, Stylus with Carbide Tip (HP10212) for marking or scribing hardened steel, and six other Anvil points shown below. Threads on these tools are 4-48 US thread.

Anvil Point (included)	Pavé Point	Carbide Stylus	Ball Nose Anvil	Fine Point Anvil	Square Anvil	Cylinder Anvil	Rectangle Anvil	Bezel Rocker Anvil
HP10177	A-R15PT	HP10212	HP10171	HP10172	HP10173	HP10175	HP10176	HP10179
$6 (if purchased separately)	$38	$30.50	$9	$9	$12	$12	$12	$29

NEW **AK101 $75 Anvil Point Assortment Kit** includes anvil points listed in shaded area above.

H.8D $79

See H.8 Handpiece for full description.
9⅜″ long, 5/8″ dia., wt. 5.2 oz., ship wt. 7.35 oz.

H.10D $299

See H.10 Handpiece for full description.
10¾″ long, 21/32″ dia., wt. 5.95 oz., ship wt. 7.4 oz.

H.15D $159

See H.15 Handpiece for full description.
9⅝″ long, 1/4″ dia. at tip, wt. 5.2 oz., ship wt. 7.15 oz.

H.18D $165

See H.18 Handpiece for full description.
10⅜″ long, 19/32″ dia., wt. 5.3 oz., ship wt. 6.85 oz.

H.20D $109

See H.20 Handpiece for full description. 10⅛″ long, 7/8″ dia. (center), 3/8″ dia. (front taper) wt. 5.4 oz., ship wt. 7.5 oz.

H.52D $160

See H.52 Handpiece for full description.
10″ long, 51/64″ dia., wt. 5.15 oz., ship wt. 8.4 oz.

H.55D $115

See H.55A Handpiece for full description. For latch-type burs only.
9⅜″ long, 7/16″ dia., max. head dimension 9/16″, wt. 3.75 oz., ship wt. 5.8 oz.

H.56D $115

See H.56A Handpiece for full description. For latch-type burs only.
9½″ long, 7/16″ dia., max. head dimension 9/16″, wt. 4 oz., ship wt. 6.05 oz.

Special Use *– Interchangeable Handpieces*

Order by Part Number Shown in Red.

Recommended for use with Series TX motors

H.35 $185 Speed Increasing

This unique handpiece has a ball bearing speed increaser that produces 2.5 times the speed of the motor. This makes it perfect for bright cutting with diamond fly-wheels and other high speed work with carbide and diamond points. The H.35 comes with a 1/8″ (3.18mm) collet installed unless otherwise specified. Other fractional and metric collets available separately and in Collet Set HP103000, see page 19. 5¼″ long, 1³⁄₁₆″ dia., wt. 8 oz., ship wt. 10.3 oz.
Note: The H.35 handpiece should not be operated at speeds faster than 35,000 rpm. When connected to a standard Foredom motor (that runs up to 18,000 rpm), motor speed must be kept at 14,000 rpm or less (75% of full no-load speed).
We recommend using the H.35 with the powerful M.TXM bench-style motor which has a built-in dial control, or the M.TX hang-up model with the C.EMX dial control for setting and holding speed to within 35,000 rpm range. Another option is using a standard motor with a C.EM dial control.

H.55A and H.56A use latch-type burs only

H.55A $94

18° contra-angle handpiece for intricate and delicate jobs in awkward and hard-to-reach spots. Includes handpiece oil in hypodermic dispenser. 6⅛″ long, 7/16″ dia., max. head dimension 9/16″, wt. 2.1 oz., ship wt. 3.5 oz.

H.56A $94

Similar to the 55A except that it has a right-angle head. Comes with handpiece oil in hypodermic dispenser.
6⅛″ long, 7/16″ dia., max. head dimension 9/16″, wt. 2.35 oz., ship wt. 3.7 oz.

Angle Head handpieces use latch-type accessories

Angle head handpieces are for light and intermittent work and the miniature gears in their heads require frequent lubrication. They come with two latch-type mandrels. Can also be used with other latch-type accessories including steel burs, mounted abrasive points, and diamond points. **Changing latch-type accessories is easy. Just turn the latch to open and close the collet.**

H.50C $80
Chisel Handpiece Set
(with 6pc. Chisel Set 1)

H.50 $50 Chisel Handpiece
(no chisels)

Foredom's Chisel Handpiece gives a power assist to carving in all types of wood, plastic, plaster and soft carving stone. The H.50 is a reciprocating 'hammer' type handpiece that requires a light pressure to engage the hammering chisel action. It attaches to a Foredom or other flex shaft with a standard key tip shaft. Shaped like the popular H.44T, it has a unique, rugged textured plastic barrel and tapered aluminum tip. **The Chisel Handpiece is recommended for use with the 1/3 HP Series TX or 1/6 HP Series SR motors in forward rotation only.** For optimum performance use between 1,000 – 8,000 rpm.
Specifications: 6″ long, 1″ diameter, weight 4.6 oz., ship wt. 6.65 oz.
We also recommend the use of a bench top dial speed control, in place of the more common foot pedal, to run steady within the recommended speed range. Carvers can set and maintain any desired speed when connected to a dial control. See Kits K.EM-50 and K.EMX-50 below.

Chisel Sets come in hanging case or pouch shown at right.

Set 1 AKHK550 6pc. $41
A-KC503, A-KC504, A-KC505, A-KC506, A-KC509, A-KC510

Set 2 AKHK560 5pc. $41
A-KC501, A-KC502, A-KC507, A-KC508, A-KC511

Set 3 AK510 12pc. $79
A-KC501, A-KC502, A-KC503, A-KC504, A-KC505, A-KC506, A-KC507, A-KC508, A-KC509, A-KC510, A-KC511, A-KC515 with A-KC500 Canvas Pouch

Set 4 AKHK570 6pc. $47
A-KC512, A-KC513, A-KC514, A-KC515, A-KC516, A-KC517

Set 5 AKHK580 5pc. $47
A-KC717, A-KC718, A-KC721, A-KC722, A-KC723

Dial Control Kits with Chisel Handpiece + 11 Chisels (Sets 1 & 2)

K.EM-50 $179
C.EM-H.50 plus Sets 1 & 2
Order the C.EM dial control for use with the 1/6 hp Series SR and other Foredom universal-type motors.

K.EMX-50 $194
C.EMX-H.50 plus Sets 1 & 2
Order the EMX dial control for use with Foredom Series TX and LX permanent magnet motors.

Dimensions shown in mm

Typical dimensions for cutters in sets AKHK550, AKHK560, AK510, and AKHK570.

Typical dimensions for larger cutters in Set 5 AKHK580.

AK510 $79
12pc. Chisel Set in Pouch
Chisels in Set 3 (at right) come in 9¾″ x 7″ (248 x 178mm) Canvas Pouch that folds to 4¾″ x 3½″ (127 x 89mm).
A-KC500 $15 Canvas Pouch available separately)

Foredom offers 22 quality, pre-sharpened steel chisels

available individually and in sets.

Actual Size Profiles	Dimensions	Part No.	Price	Comes in Set
#1 Chisels Single Bevel				
	#1 x 9mm	A-KC509	$7.50	1, 3
	#1 x 14.5mm	A-KC511	$9.50	2, 3
#2 Right Skews Single Bevel				
	#2 x 9mm	A-KC510	$7.50	1, 3
	#2 x 14mm	A-KC512	$9.50	4
Fluteroni				
	8mm	A-KC515	$9.50	3, 4
	12mm	A-KC721	$10.50	5
Sweeps				
	#3 x 9mm	A-KC503	$7.50	1, 3
	#3 x 14mm	A-KC501	$9.50	2, 3
	#7 x 8mm	A-KC504	$7.50	1, 3
	#7 x 13mm	A-KC502	$9.50	2, 3
	#7 x 17mm	A-KC718	$10.50	5
	#8 x 10mm	A-KC508	$9.50	2, 3
	#9 x 9mm	A-KC514	$9.50	4
	#9 x 6mm	A-KC517	$7.50	4
	#9 x 14mm	A-KC723	$10.50	5
	#11 x 3.5mm	A-KC505	$7.50	1, 3
V Parting Tools				
	70° x 5.5mm	A-KC506	$7.50	1, 3
	70° x 8mm	A-KC507	$9.50	2, 3
	75° x 12mm	A-KC717	$10.50	5
	110° x 7mm	A-KC516	$7.50	4
	110° x 11mm	A-KC513	$9.50	4
	110° x 16mm	A-KC722	$10.50	5

Square Drive Handpieces

Order by Part Number Shown in Red.

Square Drive Handpieces are for use with Series SRH, TXH and LXH motors (Pages 6, 8 and 10) with heavy duty square drive shafts. **They cannot be used with standard key tip style shafts and sheaths that come on most Foredom machines.** H.25H, H.30H, and H.44HT have positive sheath locking mechanisms (locking rings). The new H.28H attaches without a locking ring.

H.25H **$155**

Larger, permanently lubricated and shielded ball bearings for cool running continuous use. Comes with 1/8″ collet –installed and 1/4″ collet. See Collet Set HP103000 on Page 19. Precision collets from 1/16″ to 1/4″ and 3, 4, and 6mm are available. 1 1/32″ dia., 6 1/8″ long, ship wt. 11.35 oz.

H.28H **$62**
NEW

Slender, collet-type handpiece with tapered front grip. See H.28 Handpiece for full description. Comes with 3/32″ –installed and 1/8″ collets, and pin and chuck wrench. Other fractional and metric collets are available separately and in Collet Set HP600 (pg. 19). 5 5/8″ long, 23/32″ dia., 1/2″ dia. at taper, wt. 3 oz., ship wt. 5 oz.

H.44HT **$62**

Collet-type handpiece with three collets: 3/32″, 1/8″ and 1/4″–installed, and pin and chuck wrench. See H.44T Handpiece for full description. Other fractional and metric collets are available separately and in Collet Set HP440 (pg. 19). 1″ dia., 6 1/4″ long, ship wt. 9.85 oz.

H.30H **$70**

Chuck-style with permanently lubricated, shielded ball bearings and geared 3-jaw #0 chuck with 0-5/32″ (4mm) capacity. Includes HPCK-0 Chuck Key in molded plastic handle. See H.30® Handpiece for full description. 1″ dia., 5 13/16″ long, ship wt. 10.55 oz.

Slip Joint Handpieces

Slip Joint Handpieces will fit on all European made flexible shaft machines with 'slip joint' connections. **They cannot be used with standard Key Tip style flex shafts that come on most Foredom machines.**

S-108141	European Style Inner Shaft with coupling and silencer	$12
S-108142	European Style Outer Sheath	15
UA541	European Motor Connector	12
S-10814	Complete Conversion Assembly	36

A European style flexible shaft and sheath is available to replace the standard shaft, sheath and motor coupling. A special motor coupling is also required and comes with the replacement shafts and Complete Conversion Assembly.

General Purpose

H.8SJ **$59**

Comes with 2.35mm (3/32″) & 3mm collets, and chuck wrenches. See H.8 Handpiece for full description. 140mm (5 1/2″) long, 16mm (5/8″) dia, wt. 3.5 oz., ship wt. 4.65 oz.

H.28SJ **$59**

Comes with 2.35mm (3/32″) & 3mm collets, and pin and chuck wrench set. See H.28 Handpiece for full description. 133mm (5 1/4″) long, 18mm (23/32″) dia., 13mm (1/2″) dia. at taper), wt. 3 oz., ship wt. 4.70 oz.

H.30SJ **$65**

Comes with geared 3-jaw #0 chuck with 0-4mm (5/32″) capacity and HPCK-0 chuck key. See H.30 Handpiece for full description. 146mm (5 3/4″) long, 25.4mm (1″) dia., wt. 6.45 oz., ship wt. 9.55 oz.

H.44TSJ **$59**

Comes with 2.35mm (3/32″), 3mm, and 6mm collets, and pin and chuck wrench set. See H.44T Handpiece for full description. 159mm (6 1/4″) long, 25.4mm (1″) dia. (center) 19mm (3/4″) dia.–taper), wt. 6.75 oz., ship wt. 9.04 oz.

Quick Change

H.18SJ **$145**

For use **only** with 2.35mm (3/32″) shank burs or mandrels. See H.18 Handpiece for full description. 162mm (6 3/8″) long, 15mm (19/32″) dia., wt. 3.6 oz., ship wt. 4.9 oz.

H.20SJ **$89**

For use **only** with 2.35mm (3/32″) shank burs or mandrels. See H.20 Handpiece for full description. 152mm (6″) long, 22mm (7/8″) dia., wt. 2.95 oz., ship wt. 5.3 oz.

H.52SJ **$140**

Suitable for use **only** with 2.35mm (3/32″) shank burs or mandrels. See H.52 Handpiece for full description. 140mm (5 1/2″) long, 20mm (51/64″) dia., wt. 2.95 oz., ship wt. 5.8 oz.

Hammer

H.15SJ **$139**

Comes with threaded anvil point and pin to tighten point. See H.15 Handpiece for full description. 143mm (5 5/8″) long, 6mm (1/4″) dia. at tip, wt. 3.55 oz., ship wt. 4.9 oz.

Speed Increasing

H.35SJ **$185**

Comes with 3mm collet unless otherwise specified. See H.35 Handpiece for full description. 159mm (6 1/4″) long, 30mm (1 3/16″) dia., wt. 9.45 oz., ship wt. 10.7 oz.

Bench Top Tools for use with Foredom's H.30® Handpiece

Order by Part Number Shown in Red

Drill Presses

Foredom drill presses securely hold a handpiece in a vertical position for drilling straight, accurate holes to specified depths. They are ideal for modeling, spot-facing, countersinking and reaming in wood, wax, plastic, metal, glass and gemstone.

Generally high-speed steel, carbide and diamond drills are most often used for drilling. Whatever accessory you use, let the speed of the tool do the work. Too much feeding pressure can damage or break your drill and may cause loss of control. Twist drills are often used for drilling holes in metals, woods, and plastics. On work items with rounded surfaces such as rods, it is a good idea to centerpunch a starting hole to keep the tip of the drill from "walking" or wandering from the desired starting point. When drilling, lift the drill up and down frequently to clear away dust and debris.

P-DP30 and P-DP39 Drill Presses are designed for use with H.30®, H.30H, H.44, H.44T, and H.44HT* Handpieces matched with a Foredom® flex shaft. They have a 2″ throat capacity and a stroke length up to 1¼″.

* NOTE: The H.43T handpiece is too short for use in the drill press.

P-DP30 $169 Drill Press (left)
A rugged and precise stand which converts your Foredom® flexible shaft power tool into a drill press. The sturdy, all metal stand is fully adjustable.

P-DP39 $239 (right)
Drill Press with Dial Indicator
Use the dial indicator and adjustable head with locking mechanism for precise drilling and milling applications. The work holding table moves up and down on post or can be swung away for drilling large pieces.

Belt Sander Attachment Offers a Power Assist to Sanding Jobs

All metal quality-machined aluminum device attaches with ease over the top of a Foredom H.30® handpiece with supplied hex key (also fits H.30SJ and H.30H). Has 3 permanently lubricated ball bearings. Use to power sand and smooth metal, wood, acrylic and composite materials.

Sandpaper belts measuring 7mm (9/32″) x 257mm (10⅛″) come with the attachment and are available separately in 5-packs or assortments.

Specifications: 4⅞″ long x 1¾″ wide (at widest) x 2″ tall.

AK797210 $79
Belt Sander Attachment with 180 grit belt installed. Also 3 ea. of 100, 180 and 240 grit replacement belts. Ship wt: 8 oz.

AK797230 $129
Kit with Belt Sander Attachment and H.30® Handpiece. Also includes HPCK-0 chuck key and 10 belts as described above. Ship wt: 1-1/2 lbs.

AK797230

MAHH-30 Handpiece Holder
listed on page 20.

Replacement Sandpaper Belts

5/packs	$3.50/pack
A-797415	100 grit
A-797425	180 grit
A-797435	240 grit
A-797445	320 grit
A-797455	600 grit
A-797465	1000 grit

Assortments

AK797409 $5/9-pack Coarse Assortment 3 ea. of 100, 180 and 240 grit

AK797429 $5/9-pack Fine Assortment 3 ea. of 320, 600 and 1000 grit

AK797439 $10/18-pack Full Assortment 3 ea. of 100, 180, 240, 320, 600 & 1000 grit

AllSet® Attachment for Stone Setting

The AllSet Kit increases the accuracy, precision and speed of stone setting production. Jewelers have reduced the time spent setting stones by 75 percent with AllSet! A setting that might take up to 8 hours by hand can be done in just 2 – 2½ hours.

The AllSet® Basic Guide Assembly is a patented, lightweight attachment that becomes part of a Foredom H.30® handpiece and provides precise, repeatable, easy-to-perform stone setting results. AllSet kits and components are quality manufactured in the USA of highly durable materials. They are versatile tools that stand up to multiple demands and configurations. All of the cutting guides are made of the highest quality stainless steel for a clean finish and a long, rust-free life.

One Year Warranty on AllSet Attachments.

AllSet® Master Stone Setting Kits

AK820 $519

Include:

H.30® handpiece & chuck key

AllSet® Basic Guide Assembly–L-bracket with shaft, body, collar & allen key

13 Prong-Setting Guides

3 Channel-Setting Guides

7 Pavé-Setting Guides

Easy-Cut Prong Set

Extra L-bracket for quick guide change

Instructional DVD & manual

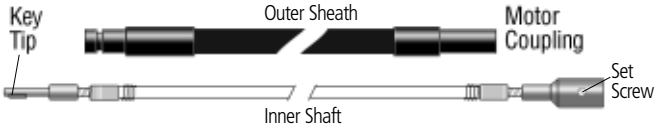
AK825 $467
Does NOT include H.30® and chuck key.

AK820SJ $519
With H.30SJ Slip Joint Handpiece in place of H30® at the same price.

AS6850 $93.50
AllSet® Basic Guide Assembly
Consists of L-bracket with shaft, body, collar, and allen key.

A-DVD 125 $4.95
30 min. DVD
by co-inventor, Jeff Mathews, comes in the master stone setting kits and is also available separately.

Maintenance Supplies *Shafts, Sheaths, Motor Brushes, Connector*

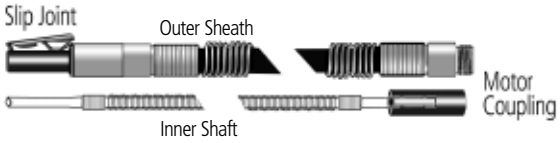


Key Tip Inner Shafts for Series SR, TX, LX, PGX (PowerGraver)
and discontinued L, SR (1/8 HP), S, CC, PG, R, K, 900 & 990

S-93	**39″** Key Tip Inner Shaft–**Comes Supplied** on motors cited above (use with Sheaths S-77 or S-77N)	$10
S-93-43	**46⅜″** Optional Longer Inner Shaft (use with Sheath S-77-43)	$11
S-93-66	**66″** Optional Longer Inner Shaft (use with Sheath S-77-66)	$15
S-93-NC	**39″** Optional **Non-Conductive** Inner Shaft (use with Sheath S-77)	$16
S-93-NC-66	**66″** Optional **Non-Conductive** Inner Shaft (use with Sheath S-77-66)	$19
S-96A	**39¼″** Key Tip Inner Shaft for discontinued EE, GG, MMG geared motors, 975, 980W, 981W (use with Sheath S-80)	$10
S-97	**33½″** Key Tip Inner Shaft for discont'd F, JJ, JB motors (use with Sheath S-82)	$10
S-93/77	Complete Assembly S-93 Shaft and S77 Sheath lubricated	$30
UA112-4	Set Screw 4-pk for all key tip shafts	$1

Outer Sheaths for Series SR, TX, LX, PGX (PowerGraver)
and discontinued L, SR (1/8 HP), S, CC, PG, R, K, 900 & 990

S-77	**36¼″ Standard** Material Outer Sheath–**Comes supplied** on Series SR, TX and discontinued SR (1/8HP), S CC, R, K, 900 & 990 motors (use with Shafts S-93 or S-93-NC)	$14
S-77N	**36¼″ Neoprene** Material Outer Sheath–**Comes supplied** on Series LX, L motors and optional for other motors **except** PowerGraver, Series EE and F (use with Shaft S-93)	$15
S-76N	**36¼″ Neoprene** Material Outer Sheath–**Comes supplied only** on PGX and PG motors (use with Shaft S-93)	$15
S-77-43	**43⅝″ Standard** Material Outer Sheath (use with Shaft S-93-43)	$15
S-77-66	**63¼″ Standard Material** Outer Sheath– (use with Shafts S-93-66 or S-93-66-NC)	$17
S-80	**37⅛″ Standard** Material Outer Sheath for discontinued EE, GG, MMG geared motors, 975, 980W, 981W (use with S-96A)	$14
S-82	**31½″ Standard** Material Outer Sheath for discontinued F, JJ, JB motors (use with S-97)	$14



Slip Joint Shaft, Sheath, Coupling

Foredom's Slip Joint Handpieces fit on European machines with "slip joint" connections (see pg. 16). To use slip joint handpieces on Foredom motors, replace our standard shaft, sheath, and motor connector with the S-10814 Complete Conversion Assembly, or order the UA541 Motor Connector Only if you already own a slip joint style shaft and sheath.

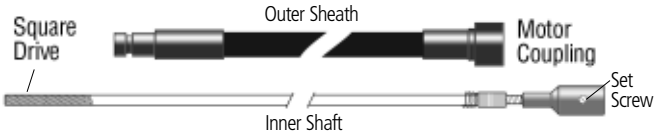
S-108141	**93.7cm Slip Joint** Inner Shaft with coupling & silencer	$12
S-108142	**95.3cm Slip Joint** Outer Sheath	15
UA541	Slip Joint Motor Connector	12
S-10814	Complete Conversion Assembly (shaft, sheath, connector) lubricated	36

Flexade® Shafts, Sheaths, and Screws

S-104	**34″ Flexade** Shaft	$10
S-86	**32⅝″ Flexade** Standard Sheath	14
S-86N	**32⅝″ Flexade** Neoprene Sheath	15
UA117-4	Set Screw 4-pk for Flexade, and BL accessories TM-5, TM-6, WM-5, WM-6, CHA-5, and JCA-2	$1
UA112KY	Allen Wrench for UA117-4 Set Screw	$1

Motor Connector, Set Screw

UA111P	Connector for Series TX, SR, LX, PGX, S, CC, L, and PG Motors	$3.20
UA113-4	Set Screw for motor connector-4pk	1.00



Square Drive Shafts and Sheaths for Series SRH, TXH, LXH

S-10823	**63¾″ Square Drive** Shaft–**Comes supplied** on motors cited above	$18
S-10801TX	**63″ Heavy Duty** Sheath Assembly (includes SS10819) **Comes supplied** on motors cited above	$45
SS10819	Silencer Spring for motors cited above	$11
S-10816TX	Complete Assembly (S-10823, S-10801TX & SS10819) lubricated	$60
S-10827-NC	**63 13/16″ Non-Conductive Square Drive** Shaft	$23
S-10801-NC	**63⅛″ Non-Conductive Heavy Duty** Sheath (includes SS10819 Silencer)	$55
S-10816-NC	**Non-Conductive** Complete Assembly (S-10827-NC, S-10801-NC & SS10819) lubricated	$70
S-10805	**45¾″ Square Drive** Shaft	$18
S-10802TX	**43¾″ Heavy Duty** Sheath Assembly with SS10822	42
SS10822	Silencer Spring	11
S-10804TX	Complete Assembly (S-10805, S-10802TX & SS10822) lubricated	59
S-10805-NC	**45¾″ Non-Conductive Square Drive** Shaft	$20
S-10802-NC	**43¾″ Non-Conductive Heavy Duty** Sheath (includes SS10822 Silencer)	48
SS10822	Silencer Spring	$11
S-10804-NC	**Non-Conductive** Complete Assembly (S-10805-NC, S-10802-NC and SS10822) lubricated	65
UA114-4	Set Screw 4pk for all Square Drive Shafts	$1

Square Drive Shafts and Sheaths for Series H

S-10805	**45¾″ Square Drive** Shaft	$18
S-10802A	**44⅜″ Heavy Duty** Sheaths, includes SS10822	42
SS10822	Silencer Spring	11
S-10804B	Complete Assembly (10805, 10802A & SS10822) lubricated	59
S-10805/45	**Shaft for Older H Series Motors** with square drive tips on **both** ends and no coupling (use with S-10802A Sheath)	22

Motor Maintenance Kits

Maintenance Kits for flex shaft machines are suitable for 115 and 230 Volt models, except where noted. Kits contain: • shaft • grease • pair of motor brushes • operating manual

MSMK-16	For Series TX and Series LX motors	$21
MSMK-10	For **1/6 HP** Series SR motors	17
MSMK-8	For **1/8 HP** Series SR and Series S motors	17
MSMK-9	For **1/10 HP** Series CC **115 Volt motors only**	17
MSMK-9A	For **230V** Series CC motors	17

Motor Brushes & Brush Caps

Brushes priced per pair for 115 & 230V motors except where noted. Brush Caps priced individually.

MP319P	Brushes for Series TX, TXH, LX, LXH, L, PGX & PG motors	$11.50
MP132P	Brushes for **1/6 HP** Series SR and SRH Motors	8.50
MP262P	Brushes for M.BL, BL-1, BL-1A, BL-2 Bench Lathes	8.50
MP2019P	Motor Brushes for **1/8 HP** Series SR, S, H, & K Motors	8.50
MP119P	Brushes for CC, MM, DD Motors **115 V only**	8.50
MP117P	Brushes for CC **230V** & R, RB, EE, MMG, GG Motors	8.50
MP229P	Brushes for High Speed B&G 1 & 5, Series F Motors	9.00
MP133	Brush Caps for **1/6 HP** Series SR and SRH Motors	1.00
MP120	Brush Caps for TX, TXH, LX, LXH, L, PGX & PG, Series S, 1/8HP Series SR motors, Series CC motors, and Arch Trimmers	1.00

Collets & Other Supplies *for Handpieces, Motors, Speed Controls*

Handpiece Collets

Collets for Handpieces
H.8, H.8D, H.8SJ, H.28, H.28SJ, H.28H

HP600	**Set of 4 Collets** (see below)	**$26.00**
HP602	1/16″ (1.6mm) Collet	7.00
HP603	3/32″ (2.35mm) Collet	7.00
HP604	1/8″ (3.18mm) Collet	7.00
HP605	3mm Collet	7.00

Collets For Handpieces
H.43T, H.44, H.44T, H.44T-E, H.44TSJ, H.44HT, H.44A, and H.44B.

Also for use in Adapters A-CHA-4 and A-CHA-5 (see page 24)

HP440	**Set of 7 Collets** (see below)	**$47.00**
HP442	3/32″ (2.35mm) Collet	7.50
HP448	3mm Collet	7.50
HP443	1/8″ (3.18mm) Collet	7.50
HP444	5/32″ (4mm) Collet	7.50
HP445	3/16″ (4.8mm) Collet	7.50
HP449	6mm Collet	7.50
HP447	1/4″ (6.35mm) Collet	7.50

Collets for Handpieces
H.25, H.25H, H.35, H.35SJ

HP103000	**Set of 5 Collets** (see below)	**$81.50**
HP103116	1/16″ (1.6mm) Collet	18.00
HP103115	3/32″ (2.35mm) Collet	18.00
HP103114	1/8″ (3.18mm) Collet	18.00
HP103113	3/16″ (4.8mm) Collet	18.00
HP103112	1/4″ (6.35mm) Collet	18.00
HP103124	3mm Collet (Not in set)	18.00
HP103126	4mm Collet (Not in set)	18.00
HP103119	6mm Collet (Not in set)	18.00

(HP103124, HP103126 & HP103119 are not included in Collet Set HP103000)

Collet for Handpieces
H.18, H.18D, H.18SJ, H.20, H.20D

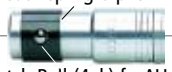
HP703	Collet for H.18, H.18D, H.18SJ	$28.00
HP3-1008	Collet with 1.5mm hex key for H.20, H.20D, H.20SJ	10.50

Handpiece Chuck Keys and Wrenches

HP72	#0 Chuck Key for H.30®, H.30SJ, H.30H, H.25C. Also for A-JCA-1 and A-JCA-2 Chuck Arbors	$2.70
HPCK-0	Chuck key in molded plastic handle (shown above) for H.30®, H.30SJ, H.30H, H.25C. Also for A-JCA-1, A-JCA-2 Chuck Arbors	5.50
HP10586	Wrench Assembly for Handpieces H.8 and H.8D	3.50
HP10588	Pin and chuck wrench for Handpieces H.28, H.28SJ, and H.28H	3.50
HP66	Pin with spring & chuck wrench for A-CHA-4 and A-CHA-5 Collet Holders	6.30
HP67	Pin & chuck wrench for Handpieces H.44A & B, H.44SJ, H.44H	3.50
HP103117	Pin & chuck wrench for Handpieces H.35, H.35SJ, H.25, H.25H, H.43T, H.44T, H.44T-E, H.44TSJ, and H.44HT	3.50
HP5238	3/8″ spanner wrench for Handpieces H.52, H.53, H.52SJ	1.30
HP50012	Wrench for H.50 and H.50C Chisel Handpieces	2.50

Handpiece Ball Bearings, Catch Balls, Chuck Nuts, Duplex Springs, & Sheath Spring Clip

HP58	Ball Bearing for Handpieces H.28, H.28D, H.28SJ, H.28H, H.8, H.8D, H.8SJ	$8.00
HP61	Ball Bearing for Handpieces H.30®, H.30SJ, H.30H, H.43T, H.44T, H.44TSJ, H.44HT, H.44A, H.44B	6.00
HP43	Sheath Spring Clip for ALL Handpieces EXCEPT Slip Joint	1.00



HP48-4	Catch Ball (4pk) for ALL Handpieces EXCEPT Slip Joint	1.00
HP3426	Chuck Nut for Handpieces H.43T, H.44T, H.44TSJ, H.44HT, Arch Trimmer	8.00
HP2826	Chuck Nut for Handpieces H.28, H.28D, H.28SJ, H.28H	10.25
HP103105	Chuck Nut for Handpieces H.25, H.25H, H.35, H.35SJ	9.50
HP44A	Chuck Nut for Handpieces H.8, H.8D, H.8SJ	2.00
HP76	Duplex Spring	8.00
HP76B	Duplex Springs– Pack of 12	96.00

Handpiece Accessories

HPG-30 **Handpiece Grip** **$2.00**
1/8″ thick rubber cushion provides an added layer of comfort to Handpieces H.30®, H.30H and H.30SJ. Grip slides on easily but holds firmly. (Handpiece not included)

Lubrication Supplies

MS10005	Foredom Motor and Handpiece Oil in hypodermic dispenser	$4.00
MS10010	Foredom Motor and Handpiece Oil in 2 oz. container	3.00
MS10006	Foredom Flexible Shaft Grease in 1 oz. container	3.50
MS10008	Foredom Grease in 1/2 oz. tube of grease for H.50 and H.50C Chisel Handpieces	4.50

Base and Yoke **UA10451** **$47**

Turn your hang-up style motor into a bench top model with the cast iron Base and Yoke Assembly. It is easy to install, includes screws. For Series TX, TXH, SR, SRH, LX, LXH, PGX, and S Motors.

Screws for Hang Up Motor Bales **$1 per 4 pk**

UA106-4	4-pk of Screws for attaching motor bale to Series SR and TX Motors
UA106S-4	4-pk of Screws for attaching motor bale to Series LX, PGX, PG, S, L, 1/8HP SR, CC, H, K, R, RB, EE, MMG, GG Motors

5″ Screwdriver **A-PS83** **$3.70**

Fits many small screws used on various Foredom products. Double Ended Screwdriver with flat blade and Phillips tip.

Trigger Switches for Foot Operated Speed Controls **$11/ea**

CP10857	C.FCT-1/C.SCT-1 Trigger Switch (115V)
CP11251	C.TXR-1/C.SXR-1 Trigger Switch (115V)
CP11027	C.FCT-2/C.SCT-2/C.FCH-2 Trigger Switch (230V), C.TXR-2/C.SXR-2 & C.SCH-2 Trigger Switch (230V)

Elma 85 General Purpose Ultrasonic Cleaning Concentrate **DA10985** (priced per quart) **$37**

Concentrated: 1 quart yields five gallons.
General purpose cleaning concentrate for all metal surfaces. It removes dirt, grease, and polishing compounds. Elma 85 is free of alkaline and acid substances, and is biodegradable and non-ammoniated. Combine concentrate with regular tap water.

Motor Hangers and Handpiece Holder

Order by Part Number Shown in Red

Motor Hangers conveniently and securely suspend hang-up style motors and other power tools above the work bench for ready access to your work.

The Handpiece Holder holds the handpiece steady while you bring the workpiece to the tool.

MAHH-30 $41
Handpiece Holder
For Handpieces H.30®, H.30H, H.30SJ, H.43T, H.44, H.44T, and H.44HT. Allows you to bring the workpiece to the tool, instead of the other way around. Comes with handpiece clamp, rod, and MABC-1 clamp shown at right. (Handpiece not included)

UA10658 $1.25
Spring Safety Clip
This little clip performs a very important safety function. Use to secure motor by slipping over motor bale and onto motor hanger rod. Prevents jumping and twisting of high torque motors during start-up and acceleration. Clip comes with all Foredom motor hangers and is available separately. Holes are 5/16″ (8mm) in diameter.

MAMH-7 $29 (right)
Telescoping Motor Hanger
The **MAMH-7** has a telescoping design for easy height adjustment. Pole screws allow the user to adjust motor height and swivel motor position. Comes with a permanently fixed mounting base and three screws for attaching to bench tops.

Single Motor Hangers

MAMH-5 $39
Motor Hanger with MABC-1 Clamp
The **MAMH-5** comes with **MABC-1** mounting clamp, shown here at right, for attaching to bench tops. Includes MAHR-2 Handpiece Rest shown below.

MAMH-6 $59
Motor Hanger with MABC-2 Base
The **MAMH-6** comes with base **MABC-2** shown below, that screws to top or side of bench. Includes MAHR-2 Handpiece Rest shown below.

MABC-1 $16
Bench Clamp
The **MABC-1** clamps to any bench up to 2¼″ thick and holds all motor hanger and handpiece holder rods. Accepts motor hanger rods 1/2″ or smaller.

MAHR-2 $8
Handpiece Rest
The **MAHR-2** slides onto a Foredom® or other motor hanger with a 1/2″ or smaller diameter pole and secures your handpieces when not in use. This handy item has been designed for holding two handpieces and motor cords – a perfect attachment for the double motor hanger.

Double Motor Hangers

MAMH-3 and MAMH-4 Double Motor Hangers have a T-rod at the top for hanging two motors and feature full swivel and locking screw. Both come with MAHR-2 Handpiece Rest.

MAMH-3 $49
Motor Hanger with MABC-1 Clamp
MAMH-3 comes with **MABC-1** mounting clamp, shown above, for attaching to bench tops.

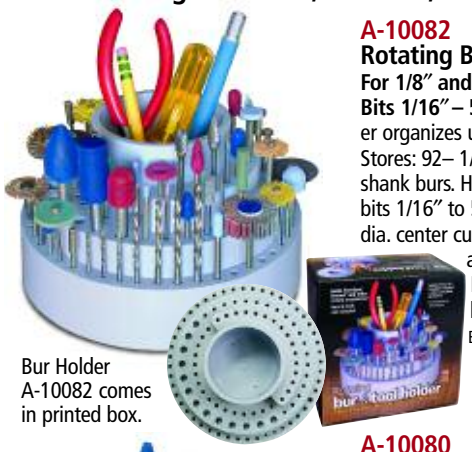
MAMH-4 $69
Motor Hanger with MABC-2 Base
MAMH-4 comes with base **MABC-2** shown below which screws to top or side of bench.

MABC-2 $32 Base
The **MABC-2** screws or bolts to side or top of bench for permanent mounting. Holds all motor hanger and handpiece holder rods 1/2″ or smaller.

Bur Holders, Mini Vises, DVDs and Bench Vise Pads

Order by Part Number Shown in Red

Store and organize burs, drill bits, and other accessories.

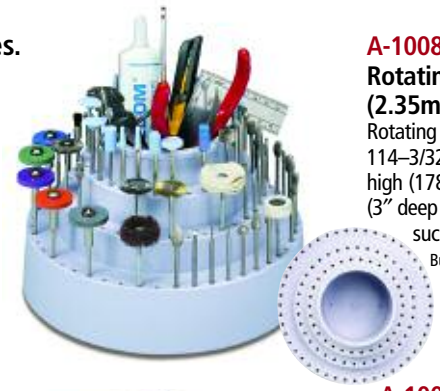


Bur Holder A-10082 comes in printed box.

A-10082 $15.90
Rotating Bur and Tool Holder– For 1/8″ and 1/4″ Shank Burs, Drill Bits 1/16″– 5/32″ This rotating holder organizes up to 112 accessories. Stores: 92– 1/8″ shank and 13–1/4″ shank burs. Has 7 marked holes for drill bits 1/16″ to 5/32″. Its 3″ deep x 2¾″ dia. center cup holds small tools such as files and screwdrivers. Measures 7″ wide x 4″ high (178 x 102mm).
Burs not included.

Bur Holder A-10080 comes in printed box.

A-10080 $15.90
Rotating Bur Holder– Universal For All Size Shanks
Stores and organizes 126 accessories including 1/16″, 3/32″, 1/8″, and 1/4″ shanks. Measures 7″ wide by 4″ high (178 x 102mm) and holds 69– 3/32″ or 1/8″ burs (in 2-step holes), 12–1/4″ burs, and 45–1/16″ burs.
Burs not included.



A-10081 $15.90
Rotating Bur Holder– For 3/32″ (2.35mm) Burs and Small Tools
Rotating bur holder stores and organizes 114–3/32″ burs. Measures 7″ wide by 4″ high (178 x 102mm) and has a center cup (3″ deep x 2¾″ dia.) to hold small tools such as files, scribes and screwdrivers.
Burs not included.

A-10089 $3.50
Small Square Bur Holder– For 3/32″ (2.35mm) & 1/8″ Burs
Holds up to 52 burs: 34–3/32″ and 18–1/8″ shank accessories. Measures 2½″ (64mm) sq. x 2¼″ (54mm) high. Holds burs up to 2″ long. Includes clear cover.
Burs not included.

A-10088 $3.50
Small Round Bur Holder– For 3/32″ (2.35mm) & 1/8″ Burs
Holds up to 48 burs with 24 holes for each size shank. Measures 2⅛″ in dia. x 2½″ high (54 x 64mm). Holds burs up to 2″ long. Includes clear cover.
Burs not included.

Instructional DVDs

A-DVD131 $31.00
Fur, Feathers & Fins, a 'How-To Power Carve' Instructional DVD
3-discs, 3-hours, 3-projects with master carver and teacher, Frank Russell. Detailed instruction for novice and more experienced carvers. Includes rabbit pattern, sandpaper template, and 25-min. bonus chapter on the basics of operating your Foredom tool.

A-DVD125 $4.95
30 min. DVD AllSet & PowerGraver
Instructional video with two jewelery making products: AllSet Kit instruction features co-inventor Jeff Mathews and the PowerGraver with master jeweler and teacher, George Bennett. Each segment is approx. 30 minutes.

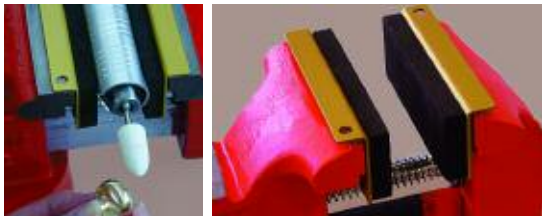
Mini Vises

A-F37210 $18.00
Plastic Mini Vise for holding gemstone, shell, and other materials that require water during the drilling or shaping process. Stainless steel threaded shaft for advancing jaw won't rust.
Dimensions:
4¼″ long x 3⅛″ wide x 1¾″ high.
Jaw width– 1¾″. Jaw capacity– 1⅝″.
Jaw height– ¾″.
Mounting holes 15/64″ dia. for #12 screws.

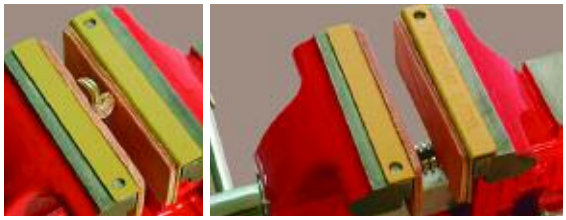
A-F37200 $22.50
Zinc Die Cast Mini Vise firmly grasps small workpieces for precision drilling on the table top. Has horizontal and vertical "v" grooves for holding small round pieces, and slots in base for mounting to drill press table slots. (Mounting hardware included.)
Dimensions:
4¼″ long x 2⅜″ wide x 1½″ high.
Jaw width– 1¼″. Jaw capacity– 1½″.
Jaw height– ½″.
Mounting slots 11/64″ wide x 1⅞″ long.
Accepts #8 screws.

Soft Jaws™ bench vise pads attach to any 3″– 4″ vise with magnetic strips. Cushioned pads made of leather or resilient ethylene vinyl acetate that grip odd shapes and prevent marring of polished, painted, or threaded surfaces.

A-SJ35
Soft Jaws
Vinyl
Acetate
$7.95



A-SJ35L
Soft Jaws
Leather
$7.95



Micromotor Kits– *Rotary, Hammer, High Torque & Brushless Models*

Order by Part Number Shown in Red

High Speed Rotary Kit runs up to 38,000 RPM

K.1070 $399 High Speed Rotary Micromotor Kit

Includes H.MH-170 Handpiece (motor) described below, Control Box, Variable Speed Foot Pedal, and Handpiece Cradle

H.MH-170
High Speed Rotary Handpiece

- Slender, contoured grip and a quick release rotary type chuck for easy bur changes.
- For precise, high speed work: light deburring of cast pieces, bright cutting in jewelry making, and fine detailing in woodcarving.
- Fan cooled, brush type continuous duty motor runs cool and vibration-free.
- Permanently lubricated, shielded ball bearings need no lubrication.
- Comes with 2.35mm (3/32″) collet that is easy to install and change, also spare motor brushes and fuse, and collet changing wrenches.

Specifications:
Length: 6.2″
Diameter: 5/8″ at grip, 1″ at motor
Weight: 7.3 oz/208 gr.
DC30V/1.2A
Maximum Torque/Watts Output: 4.2oz-in (29.4mNm)/100W

Components priced separately at right. Options and Replacement Parts at far right below on opposite page.

Options (see facing page):
1/8″ and 3mm collets
Collet adapters
On/Off Foot Switch

Foredom's Micromotor Kits–

The motor in a micromotor is built into the handpiece which connects to a control unit with a coil or straight cord. Compared with flexible shaft machines, micromotors run much faster and their cord styles permit greater freedom of movement.

All Foredom Micromotors are CE Marked.

Kits K.1070, K.1080, K.1090, & K.1020 carry a 1 Year Warranty

These kits are all available in 220 volt at same prices. See page 7 for power cord plug options and specify when ordering. Each one has motor brushes and works with the same Control Unit and Variable Speed Foot Control* (detailed at right). These kits also come with a handpiece cradle, spare pair of motor brushes, spare fuse, & wrenches or chuck key for changing accessories. *not included in K.1080 Hammer Kit.

All components available separately.

Brushless Micromotor Kit K.1050 (facing page). This top of the line model boasts both high speed and high torque. It works with a high tech, digital Control Unit (HP4-717) and does not require motor brushes.

Kit K.1050 includes a Variable Speed Foot Control (HP7-7060), handpiece cradle, spare fuse and wrench for changing accessories.

Common Kit Components: K.1070, K.1080, K.1090, and K.1020

Prices apply if purchased separately

HP4-917 $210 Control Unit front has switches for On/Off, Forward/Reverse Rotation, and Manual/Foot Speed Control. Overload Protection light comes on and alarm sounds if the motor ever stalls. Control Unit back has a voltage selector switch for choosing 110/120 or 220/240 volt operation and receptacles for the Variable Speed Foot Control or Optional On/Off Foot Switch.

Specifications: Width: 4⅜″, Depth: 5¾″, Height: 3¾″, Output: DC 30V/1.2 A

HP4-960 $63 Variable Speed Foot Control (Not included in K.1080 Hammer Kit)

HP4-933 $6.50 Handpiece Cradle

HP4-110 $3.50 Replacement Fuse

Handpieces:

H.MH-170 $230 High Speed Rotary

H.MH-120 $325 High Torque

HPMH-011 $630 Hammer

NEW High Torque Kit with Unique Chuck-Style Handpiece runs up to 20,000 RPM

K.1020 $499 High Torque Micromotor Kit

Includes H.MH-120 Handpiece (motor) described below, Control Box, Handpiece Cradle, and Variable Speed Foot Control

H.MH-120
Chuck-Style Handpiece

- Geared 3-jaw #0 chuck takes any size rotary accessory or drill bit with shanks up to 5/32″ (4mm) diameter.
- Plenty of power/torque to accomplish most jobs that a flex shaft can do.
- For deburring cast pieces, polishing, taking down weld seams, and moderate to heavy grinding and rapid stock removal in metal and wood.
- Comes with HPCK-0 Chuck key, spare fuse and spare set of motor brushes.

Specifications: Length: 8$\frac{3}{32}$″
Diameter: 1⅜″ at grip, 1$\frac{1}{64}$″ at motor
Weight: 1-lb. 2-oz. / 510 grams
High torque– (9.24 oz.-in.),
Hertz/Amps: 60/50 Hz, 4.82 Amps DC

Components priced separately above. Options and Replacement Parts at far right opposite page.

Hammer Handpiece Kit for Stone Setting and Engraving

0–5,000 strokes per minute

See included Accessories at right.

K.1080 $790 Hammer Micromotor Kit

Includes HPMH-011 Hammer Handpiece (motor) described below, Control Box, and Handpiece Cradle

HPMH-011 Micromotor Hammer Handpiece

- For stone setting applications, channel setting and engraving requiring hammering or reciprocating action.
- Hammer action engages only when light pressure is applied allowing the user to locate the tool tip exactly without marring the workpiece, and preventing unexpected action until ready to work.
- Force of impact adjusts from light to full by turning the knurled metal ring on the handpiece while the motor is off or running.
- Speed of the hammer action can be varied from 0– 5,000 strokes per minute using the control box dial.
- Comes with spare motor brushes and fuse, Graver Holder (HPH8-214) and several other hammer tip accessories detailed at right.

Specifications: Length 6¼″
Diameter: 9/16″ at grip, 1″ at motor
Weight: 13 oz/369 gr.
Amps: 1.5 (115V), .75 (230V)

Components priced separately above. Options and Replacement Parts at right opposite page.

Kit K.1050 Carries a 2 Year Warranty

Includes H.MH-150 Handpiece, HP4-717 Control Unit, HP7-7060 Variable Speed Foot Control, handpiece cradle and spare fuse.

230 Volt available at same price **CE marked. Specify K.1050-2** and power plug option required (see page 7).

H.MH-150 $600
if purchased separately
Brushless Micromotor Handpiece

- Brushless motor – there's never a need to replace carbon brushes.
- High torque motor is powerful even at minimum speeds.
- Sealed housing eliminates dust, noise, and vibration.
- Comes with 2.35mm (3/32″) collet.

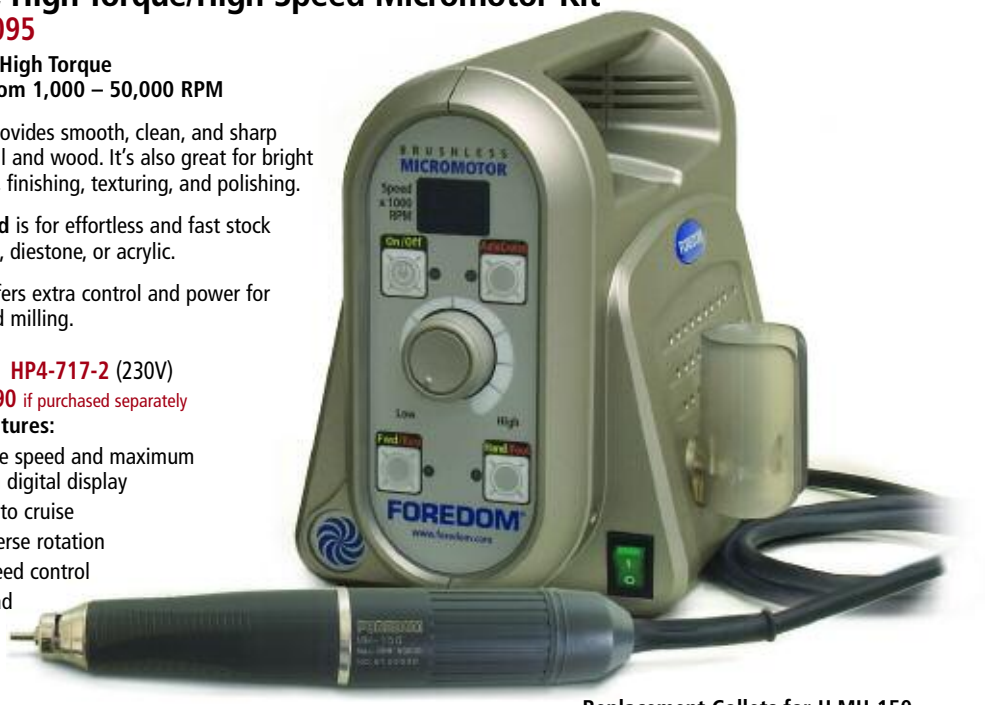
Specifications:
Length: 6.3″
Diameter: .75″ at grip, 1.06″ at motor
Weight: 8.4 oz/237.7 gr.
Volts/Amps: DC32V/3.4A
Maximum Torque/Watts Output: 10oz-in (70mNm)/230.

Brushless, High Torque/High Speed Micromotor Kit

K.1050 $1095

Advantages of High Torque Performance from 1,000 – 50,000 RPM

- **High speed** provides smooth, clean, and sharp detailing in metal and wood. It's also great for bright cutting, grinding, finishing, texturing, and polishing.
- **Medium speed** is for effortless and fast stock removal in wood, diestone, or acrylic.
- **Low speed** offers extra control and power for stone setting and milling.



HP4-717 (115V) **HP4-717-2** (230V)
Control Unit $490 if purchased separately
Front Panel Features:

- Dial sets precise speed and maximum torque shown on digital display
- Foot control auto cruise
- Forward or reverse rotation
- Dial or foot speed control
- Built-in overload protection

Control Unit Specifications:
Width: 5.4″
Depth: 9.1″
Height: 7″
Hertz/Amps: 50/60 Hz, 100VA,

HP7-7060 $60 if purchased separately
Variable Speed Foot Control
Use in place of the manual dial on the control unit to vary the speed from 1,000–50,000 RPM. Included.

HP4-933 $6.50 if purchased separately
Handpiece Cradle Included.

HP4-110 $3.50 if purchased separately
Fuse for K.1050.

Replacement Collets for H.MH-150 Micromotor Handpiece $31.50 ea

Handpiece Serial No.	Collet Part No.	Collet Size
811XXXX and above	HP4-117	2.35mm / 3/32″
	HP4-117B	3.18mm / 1/8″
	HP4-117C	3.00mm
807XXXX and below	HP7-5008	2.35mm / 3/32″
	HP7-5007	3.18mm / 1/8″
	HP7-5006	3.00mm

Accessories included in Kits K.1080 and K.1090

with HPMH-011 Hammer Handpiece:
Prices shown if purchased separately

2–Pins for tightening Anvil Points
1–Anvil Point Holder for shaping the point

HPH8-214 $20

1–Graver Holder (shown) screws into front end of the HPMH-011 Handpiece and converts it into a power engraving tool. Includes Allen Key. (Graver not included.)

HP10177K $6 ea **3**–Anvil Points with Threaded Shanks

HPH8-32 (installed) **$31** **1**–Adapter for Threaded Anvil Point

HPH8-35 $31 **1**–Adapter for Non-Threaded Shank Accessories

HPH8-38 $2.50
1–5mm Open End Wrench

ATAT-1 $3 Accessories Tray

HPL4-504 $19.50
Spare Motor Brushes

Dual Handpiece Kit with High Speed Rotary and Hammer Handpieces

K.1090 $999 Dual Handpiece Micromotor Kit

Includes H.MH-170 Rotary and HPMH-011 Hammer Handpieces, Control Box, Variable Speed Foot Pedal, and Handpiece Cradles

- Includes the complete contents of the **K.1070 Rotary Kit**–
HP4-917 Control Unit
HP4-960 Variable Speed Foot Control
H.MH-170 Rotary handpiece *PLUS*
HPMH-011 Hammer handpiece with all accessories (listed at left).
- The control unit has a single outlet on front panel for connecting one handpiece at a time.

See Kit K.1070 and K.1080 listings on opposite page for details.
Components separately priced on opposite page.

Options:
1/8″ and 3mm collets
Collet adapters
On/Off Foot Switch
Options, Replacement Parts, available separately see listings at right.

Replacement Collets and Motor Brushes for H.MH-170, H.MH-120, HPMH-011 and discontinued H.MH-145, H.MH-145A, & H.MH-135 Micromotor Handpieces:

Collets $31.50 ea

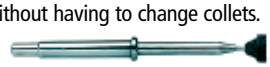
HP4-117	2.35mm / 3/32″ (st'd size)
HP4-117B	3.18mm / 1/8″
HP4-117C	3mm Collet

Motor Brushes	Per Pair
HP4-163 for H.MH-170	**$17.00**
HP2-326 for H.MH-120	**15.00**
HPL4-504 for HPMH-011, H.MH-145A, and H.MH-135	**19.50**
HPL4-304 for H.MH-145	**20.50**

Options

HP4-927 $26
Optional On/Off Foot Switch For Kits K.1020, K.1070, K.1080, and K.1090

Collet Adapters $16.30 ea
Use with smaller shank size accessories without having to change collets.



HPL4-3233	3/32″ to 1/16″
HPL4-3234	1/8″ to 1/16″
HPL4-3235	3mm to 3/32″
HPL4-3236	1/8″ to 3/32″
HPL4-3237	3.0mm to 1.6mm

BL Bench Lathe–1/6 Horsepower Kits and Attachments

Order by Part Number Shown in Red

M.BL $199 Bench Lathe with Tapered Spindles
Powerful variable speed bench lathe in a compact size suitable for use at the workbench. Its permanent magnet motor is extremely quiet and smooth running with all the power and speed required for a variety of polishing and buffing jobs. Cast iron base has mounting holes and suction cup feet. Lathe comes with the A-TM5 (left hand) and A-TM6 (right hand) Tapered Spindles for holding buffs and brushes up to 4″ (100mm) in diameter. Available at the same price in **230 Volt**. CE marked. **Specify M.BL-2CE** and power plug option required (see page 7).

Just 13″ Wide... Perfect for Use at the Bench

1/6 HP High Torque Motor
125 Watts (continuous rating)
5/16″ Dia. Motor Shaft
Ball Bearing
500–7,000 RPM
CSA Certified
One Year Warranty

Width between spindles: 13″ (330mm)
Height–overall: 5⅛″ (130mm)
Height of spindle center from table surface: 3¾″ (95mm)
Weight: 7.5 lbs. (3.4 kg.)

Lathe Accessories

Tapered Spindles $10.50 ea For left and right hand mounting of buffs and wheels up to 4″ dia. Also for Spindle Adapters listed below.

A-TM5 left side for 5/16″ shaft
A-TM3 left side for 1/4″ shaft

A-TM6 right side for 5/16″ shaft
A-TM4 right side for 1/4″ shaft

Plastic Spindle Adapters $2 ea

A-4562 left side

A-4561 right side

Left or right hand adapters for buffs and wheels up to 4″ dia., 3/8″ thickness, and with a 3/8″ arbor hole and for 2″ and 3″ 3M Scotch-Brite™ Radial Bristle Discs.

Hub Adapter for Tapered Spindles A-4568 $5 ea
For left and right hand mounting of 3M FX Wheels and other wheels with 1″ arbor holes on M.BL lathe spindles and standard tapered spindles.

HP442 3/32″ **HP443** 1/8″ **HP447** 1/4″

Collet Holder with 3 collets $30
Collet holder on arbor comes with 3/32″, 1/8″ and 1/4″ collets, allen key, and pin and wrench for mounting various size shank mandrels, sanding drums, etc. For use only on right hand side.
Optional collets: 3mm HP448, 4mm HP444, and 6mm HP449. (See page 19)
A-CHA-5 right side for 5/16″ shaft
A-CHA-4 right side for 1/4″ shaft

Mandrels for Use with A-CHA-5 M.BL Lathe Attachment

A-M33 **A-SD143** **A-M34** **A-SD141** **A-SD145**

Drum and Disc Mandrels, at left, have shank sizes 1/4″, 1/8″, and 6mm and are used with large sanding bands –up to 3/4″ x 1½″ and PSA discs up to 3″ in size. These are just a few that can be used with the A-CHA-5 Collet Holder shown above.

Wheel Mandrels $16 ea Hold rubber bonded abrasive wheels, grinding stones, sanding drums, brushes and other accessories with 1/4″ center mounting holes up to 3/4″ thick.

A-WM-5 left side for 5/16″ shaft
A-WM-3 left side for 1/4″ shaft

A-WM-6 right side for 5/16″ shaft
A-WM-4 right side for 1/4″ shaft

Chuck Arbor $47 ea
Arbor adjusts to hold accessories with shanks from 0–5/32″. For use only on right hand side. Comes with chuck key.

A-JCA-2 right side for 5/16″ shaft
A-JCA-1 right side for 1/4″ shaft

UA117-4 $1 Set Screw 4-pk for BL accessories TM-5, TM-6, WM-5, WM-6, CHA-5, JCA-2, and Flexade®

UA112KY $1 Allen Wrench for UA117-4 Set Screw

K.3340 $239 Kit with Collet Holder and Wheel Mandrel
includes M.BL Lathe with A-TM5 and A-TM6 Tapered Spindles, A-CHA-5 Collet Holder with 3/32″ 1/8″, and 1/4″ collets, and A-WM-6 Wheel Mandrel.
230 Volt available at same price. **Specify K.3340-2CE**

K.3390 $239 Kit with Buffs and Compound includes M.BL Lathe with A-TM5 and A-TM6 Tapered Spindles, Bars of Tripoli, Platinum White and Blue, and Carnauba Wax, 2–4″ buffs (A-CBF4, A-CYR4), Four 3″ buffs (A-CBF3, A-CBC3, A-CFB3, and A-LCB3). 230 Volt available at same price. **Specify K.3390-2CE**

$4.80 ea. 2″ Wheels for use with A-WM-5 and A-WM-6
2″ diameter x 1/4″ thick x 1/4″ Arbor hole

A-10074	A-10073	A-10075	A-10077	A-10078	A-10076
CeramCut Blue 120 grit	White Aluminum Oxide 400 grit	Salt & Pepper 400 grit	Silicon Carbide Black 100 grit	Silicon Carbide Green 100 grit	V Stone 46 grit

Filter Hood, Dust Collector Hood & Flexade®

Order by Part Number Shown in Red

K.3280 $475
Bench Lathe Kit & Filter Hood
includes BL Lathe with A-TM5 and A-TM6 Tapered Spindles and MAFH25 Filter Hood (see complete description below). Also available at same price in 230V with CE Mark. **Specify K.3280-2CE** and power plug option required (see page 7).

MAFH25 $295 Filter Hood
Developed to work with Foredom's Bench Lathe, the new Filter Hood is compact, powerful and portable. Use in jewelry making, dental labs, industry, or woodworking to collect dust and larger particles produced by light grinding and polishing. Great when positioned next to the bench lathe but can be moved anywhere on a benchtop for use with a flex shaft or micromotor. **The MAFH25 carries a One Year Warranty.**

The MAFH25 has a variable speed motor that operates in 110 or 220 voltage using a switch on the side. It offers strong suction power for removing particles of hazardous dust and reclaiming precious metal. The Filter Hood is made of powder coated, heavy gauge steel and is CE compliant. It has a removable metal water-tight tray, a gooseneck mounted bright, long lasting LED light, and a clear acrylic shield. Comes with three filters which are easy to change and ship to a refiner.

5-Pack of replacement filters available separately: MAFH107-5 $4.95

HP4-110 $3.50
Replacement Fuse

Specifications:

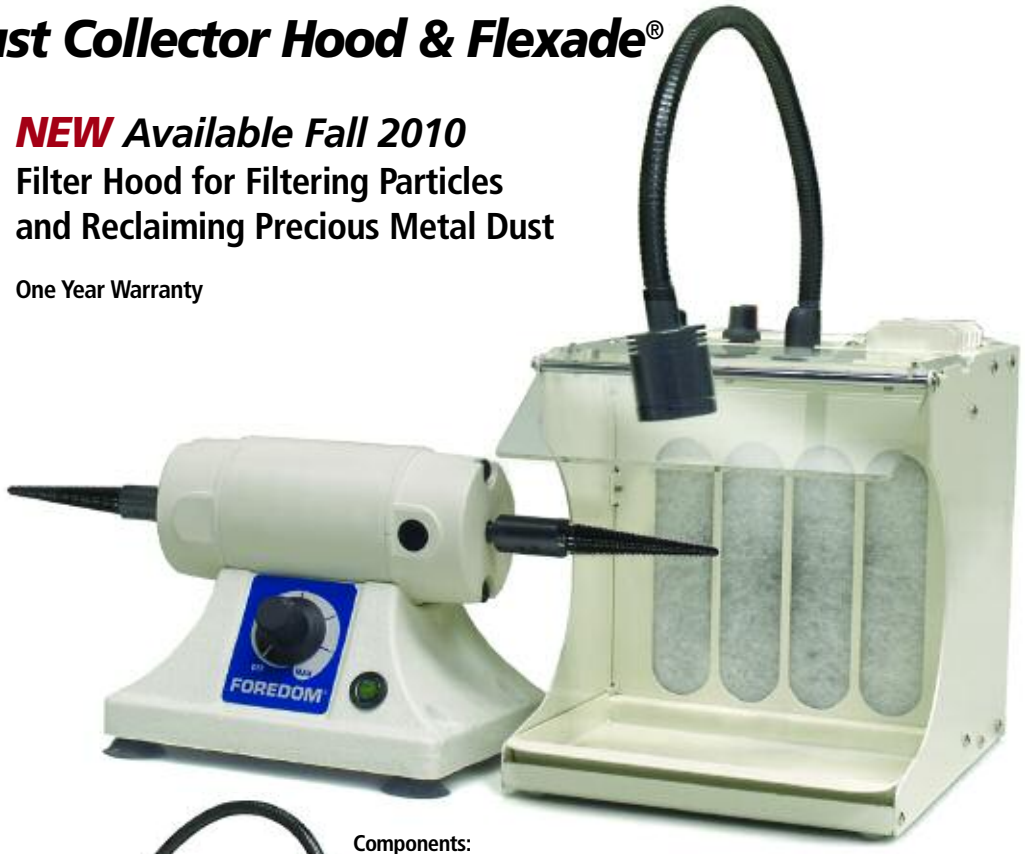
Dimensions
(not including lamp)
height: 7½″ (190mm)
width: 6″ (153mm)
depth: 12¾″ (323mm)
weight: 9.0 lbs

Total Shipping Wt.: 10 lbs

NEW Available Fall 2010

Filter Hood for Filtering Particles and Reclaiming Precious Metal Dust

One Year Warranty



Components:

Gooseneck Lamp
length: 16⅞″ (424mm)

Tray interior dimensions:
length: 5¾″ (146mm)
width: 4½″ (114mm)
depth: 1/2″ (12mm)

Filter
width: 5$^{13}/_{16}$″ (153mm),
height: 5$^{7}/_{16}$″ (138mm)
thickness: 3/8″ (10mm) width

Cord length: 67″

Ideal companion to your Foredom Bench Lathe

Position it for use with a Foredom Handpiece

Works great with other bench top tools

K.BL-DCH $289 Kit with Dust Hoods includes BL Lathe with A-TM5 and A-TM6 Tapered Spindles and two MADCH-1 Dust Hoods (available separately below). Also available at same price in 230V. **Specify K.BL-DCH-2CE**

MADCH-1 $49 ea
Dust Collector Hood
Heavy gauge sheet metal construction with non-skid pads on the bottom. Has 2½″ (64mm) adapter fits most collection system hoses.
Specifications: 6½″(165mm) high, 4⅝″(117mm) wide, 8⅝″ (219mm) deep,
Total Shipping Wt.: 1.85 lbs

Flexade®

Prices at right are for Flexade ONLY. Handpieces (pgs. 12–15) **are sold separately.**

Flexade® Attachment converts a lathe, drill press or electric drill into a flex shaft machine. It is ideal for use with the M.BL Lathe which runs at speeds up to 7,000 RPM. For best performance, motor speed should operate at 3,500 RPM or higher and ONLY in a forward direction. Any "QD" style interchangeable hand-piece can be attached (pages 12-15). The 34″ long Flexade has a motor coupling and a standard or more flexible neoprene sheath. Replacement parts are on page 18.

Specify motor shaft coupling size (1/4″, 5/16″, 3/8″, or 1/2″), as a 5/16″ coupling comes supplied if not otherwise specified.

Coupling Size	Standard Sheath **$26** ea.	Neoprene Sheath **$27** ea
5/16″ +	S.B0-516	S.B0-516N
1/4″ *	S.B0-14	S.B0-14N
1/2″	S.B0-12	S.B0-12N
3/8″	S.B0-38	S.B0-38N

+ For current models of Foredom's M.BL Lathe. These have 5/16″ dia. shafts and require 5/16″ couplings.

* For Nos. 1 & 5 Bench Grinders and older M.BL Lathes with 1/4″ motor shafts.

Foredom's NEW Belt Sander Attachment (AK797210, see pg. 17), is perfect for use with a Flexade with H.30® Handpiece and BL Lathe since it operates best at speeds between 500– 4,000 rpm.

Wax Carver, Arch Trimmer, DualCut Blades

Order by Part Numbers Shown in Red

K.WC-1 115V $199
K.WC-2 230V $209
with 3 tips (A-WT-2, A-WT-3, A-WT-4 shown with asterisk*)

K.WC-3 115V $239
K.WC-4 230V $249
with all 7 tips

One Year Warranty

* Knife	Small* Spoon	Straight* Taper	Curved Taper	Narrow Flat	Wide Flat	Large Spoon
A-WT-3	A-WT-4	A-WT-2	A-WT-5	A-WT-1	A-WT-6	A-WT-7
$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$14

***Tips included in K.WC-1 and K.WC-2. All 7 tips come in K.WC-3 and K.WC-4**

Wax Carver

Compact Control box has a precision heat control dial for setting and maintaining temperatures from 95°F (35°C) up to 560°F (294°C). Keep it low for delicate work or turn it up for fast wax removal or carving harder waxes. A flashing light shows heat intensity and indicates if the tool is unintentionally left on.

Only 2½" x 2" (64 x 51mm). It hardly takes up any workbench space. You can also mount it on a shelf with a piece of velcro, as the jeweler did in the photo at right. The cords are removable for easy storage when not in use.

Lightweight Handpiece has cork insulation to keep fingertips cool while working. Extremely flexible, detachable handpiece cord is perfect for the controlled movements needed for fine detailing in wax.

Brass Tips are easy to clean and change, they're a great improvement over the tips used on other models. You can alter the tips with a file or pliers and create your own custom shapes. K.WC-1 and K.WC-2 come with three tips indicated at left with an asterisk*. K.WC-3 and K.WC-4 come with all seven tips. Tips are also available separately.

230 volt models are CE rated and available with a Euro, British, or Australian plug adapter, and an American type power cord. **Specify K.WC-2 or K.WC-4** and plug option required. See page 7 for plug options.

A-WT-86	$22.60	Replacement Handpiece Cord (41" from metal tip to tip)
A-WT-82	$99.90	Replacement Handpiece
A-WT-84	$10.50	Replacement Cap with Cork Cover for Handpiece

M.400 $595 Arch Trimmer

For Use in Dental Labs for trimming the palate area and outer edge of models, Foredom's Model M.400 offers quiet, maintenance-free performance. Its durable, high torque, permanent magnet motor operates at 5,000 RPM.

Features:

- Stainless steel work surface
- 1" (25mm) dia. dust collection port with 2½" (64mm) hose adapter
- Easy to change bur system has 1/4" collet, chuck nut, pin and wrench, and includes accessories.
- Heavy duty sealed ball bearings require no lubrication
- Eye protection shield
- Fuse protection and 'Trip to Off' safety switch that stops motor if power is interrupted

Specifications:

8" wide x 9½" deep (203 x 241mm)
Work surface: 7" x 7" (178 x 178mm)
Height to work surface: 7½" (190mm)
Height to top of shield: 13½" (343mm)
Ship Weight: 115V–17.2 lbs. (7.8 kg.)

230 volt, 50/60 HZ Arch Trimmer is available at the same price with an RFI filter, CE mark, and 6mm collet that fits the same accessories as Model M.400, but with 6mm shanks. **Specify M.402** and plug option required (see pg. 7) for Euro, British, Australian, or American type power cord. Ship Weight: 230V–18.4 lbs. (8.4 kg.)

Two Year Warranty

Accessories Included:

- Rubber drum mandrel with five each of 60 grit and 220 grit 3/4" x 1½" 3M Purple Ceramic sanding bands for roughing out and fine finishing.
- Two coarse grit Typhoon® tungsten carbide burs (ball nose and taper) with 1/4" shanks
- Brass cleaning brush
- Hose Adapter

Saw Frame and DualCut Blades for Cutting Diestone

SF63535 Comfort Grip Saw Frame

- Holds standard 5"pinned blades
- Offset bow for better view of cutting edge and comfortable grip with ergonomic design
- Easy blade changes and tensioning

DualCut Blades

- Standard 25 regular and 18.5 "skip" Teeth-Per-Inch (TPI). Made in USA
- Available in .010" and ultra thin .007"
- 5" pinned blades fit most frames including the Foredom Comfort Grip Frame shown at right

Full range of standard blades that are pinned, plain end, and with holes in the ends for 5" saws available. Request Form 537 for details.

Blades cut on both forward & back strokes for the fastest cut!

Description	Part No.	Price
Comfort Grip Saw Frame with 8-Blade Assortment Pack (2 each of blades listed below)	AASF63535	$17.60/pk
20-Blade Assortment Pack (5 each of blades listed below)	AADN5865	$11.00/pk

Blade Specifications	Tube of 10	Price	Tube of 100	Price
5" x .010" x 25 TPI 127 x .25mm x 25 TPI	AADN5851-10	$4.70	AADN5851-100	$38.60
5" x .007" x 25 TPI 127 x .18mm x 25 TPI	AADN5852-10	$6.60	AADN5852-100	$55.10
5" x .010" x 18.5 TPI 127 x .25mm x 18.5 TPI	AADN5841-10	$4.70	AADN5841-100	$38.60
5" x .007" x 18.5 TPI 127 x .18mm x 18.5 TPI	AADN5842-10	$6.60	AADN5842-100	$55.10

Flexible Shaft Power Tool Selection Guide–

Specifications
Performance Ratings
Replacement Parts

A Foredom Motor Series consists of three models of the same motor:

1. **Hang-Up**] these require speed controls
2. **Bench**]
3. **Bench with a built-in dial speed control.**

Hang-Up

Bench

Bench with built-in control

Motor Series and Styles		Special Feature	Page No.	Motor Specifications* See Note Below	Replacement Shafts, Sheaths, Motor Brushes See Pg 18 for complete listing	Speed Control Options Foot	Manual (Dial)	Speed Control Specifications 115V	230V
SR	Hang-Up	**Powerful All Purpose Reversing**	**6**	1/6 Horsepower 18,000 RPM Max. Universal Motor Ball Bearing Amps AC– 1.7 115V .9 230V Watts–125	93 Inner Shaft 77 Outer Sheath 132P Motor Brushes	FCT/FCH SCT/SCH	EM/EMH SRM has dial control in base	FCT-1, SCT-1 Amps– 4 Hz– 60 EM-1 Amps– 1.5 Hz– 60	FCH-2, SCH-2 Amps– 3 Hz– 50 EMH-2 Amps– 2 Hz– 50
SRB	Bench								
SRM	Bench with dial control								
SRH	Hang-Up	**Heavy Duty Shaft Version of SR**	**6**	1/6 Horsepower 18,000 RPM Max. Universal Motor Ball Bearing Amps AC– 1.7 115V .9 230V Watts–125	10823 Inner Shaft 10801TX Outer Sheath (includes 10819) 10819 Silencer 10816TX Complete Assembly (10823, 10801TX, 10819) 132P Motor Brushes	FCT/FCH SCT/SCH	EM/EMH SRMH has dial control in base	FCT-1, SCT-1 Amps– 4 Hz– 60 EM-1 Amps– 1.5 Hz– 60	FCH-2, SCH-2 Amps– 3 Hz– 50 EMH-2 Amps– 2 Hz– 50
SRBH	Bench								
SRMH	Bench with dial control								
SR CE	Hang-Up	**Made to CE Standard**	**7**	1/6 Horsepower 18,000 RPM Max. Universal Motor Ball Bearing Amps AC– .9 230V Watts–125	93 Inner Shaft 77 Outer Sheath 132P Motor Brushes	FCT-2CE		**N/A**	FCT-2CE Amps– 3 Hz– 50
TX	Hang-Up	**High Torque at All Speeds**	**8**	1/3 Horsepower 15,000 RPM Max. Permanent Magnet Ball Bearing Amps AC– 3.5 115V Watts–250	93 Inner Shaft 77 Outer Sheath 319P Motor Brushes	TXR SXR	EMX TXM has dial control in base	TXR-1, SXR-1, EMX-1 Amps– 4 Hz– 60	**N/A**
TXB	Bench								
TXM	Bench with dial control								
TXH	Hang-Up	**Heavy Duty Shaft Version of TX**	**8**	1/3 Horsepower 15,000 RPM Max. Permanent Magnet Ball Bearing Amps AC– 3.5 115V Watts–250	10823 Inner Shaft 10801TX Outer Sheath (includes 10819) 10819 Silencer 10816TX Complete Assembly (10823, 10801TX, 10819) 319P Motor Brushes	TXR SXR	EMX TXMH has dial control in base	TXR-1, SXR-1, EMX-1 Amps– 4 Hz– 60	**N/A**
TXBH	Bench								
TXMH	Bench with dial control								
LX	Hang-Up	**High Torque Low Speed**	**10**	1/10 Horsepower 5,000 RPM Max. Permanent Magnet Ball Bearing Amps AC– 1.2 115V .6 230V Watts–75	93 Inner Shaft 77N Outer Sheath 319P Motor Brushes	TXR SXR	EMX LXM has dial control in base	TXR-1, SXR-1, EMX-1 Amps– 4 Hz– 60	TXR-2, SXR-2 EMX-2 Amps– 3 Hz– 50
LXB	Bench								
LXM	Bench with dial control								
LXH	Hang-Up	**Heavy Duty Shaft Version of LX**	**10**	1/10 Horsepower 5,000 RPM Max. Permanent Magnet Ball Bearing Amps AC– 1.2 115V .6 230V Watts–75	10823 Inner Shaft 10801TX Outer Sheath (includes 10819) 10819 Silencer 10816TX Complete Assembly (10823, 10801TX, 10819) 319P Motor Brushes	TXR SXR	EMX LXMH has dial control in base	TXR-1, SXR-1, EMX-1 Amps– 4 Hz– 60	TXR-2, SXR-2 EMX-2 Amps– 3 Hz– 50
LXBH	Bench								
LXMH	Bench with dial control								
PGX	**PowerGraver®** Hang-Up	**Power Assisted Engraving**	**9**	1/20 Horsepower 2,800 RPM Max. Permanent Magnet Ball Bearing Amps AC– 1.2 115V .6 230V Watts–40	93 Inner Shaft 76N Outer Sheath 319P Motor Brushes	EMGX–Dial Control FCGX–On/Off Foot Switch		EMGX-1 Amps– 1.5 Hz– 60 FCGX-1 Amps– 6 Hz– 60	EMGX-2 Amps– 1.5 Hz– 50 FCGX-2 Amps– 3 Hz– 50

Series SR, SRH, LX, LXH, and PowerGraver Models are available in both 115 and 230 Volt. Series SR CE is only available in 230 Volt. Series TX and TXH are *not* available in 230 Volt.

*** Foredom motors are rated at continuous duty/maximum efficiency and *not* maximum power output at stall point.**

Product Index and Ordering Info

AllSet® Kits 17
Arch Trimmer 26
Base and Yoke Assembly 19
Belt Sander Attachment for H.30® Handpiece 17

Bench Lathe
- Filter and Dust Collector Hoods and Kits–NEW 25
- Flexade® 25
- Lathe Accessories, Discs, Drum Mandrels 24
- Lathe and Kits 24-25

Bur Holders 21
Drill Presses 17
Filter Hood and Kits–NEW 25

Flexible Shaft Power Tools–Motors and Controls
- **LX** Series Motors and Controls 9-10
- **LXH** Series Motors and Controls 9-10
- **PGX** PowerGraver® Kit and Components 9
- **SR** Series **CE Compliant** Motor and Control 7
- **SR** Series Motors and Controls 6-7
- **SRH** Series Motors and Controls 6-7
- **TX** Series Motors and Controls 8-9
- **TXH** Series Motors and Controls 8-9

Flexible Shaft Prepackaged Kits–NEW 2-5
- Carving Kits–**K.2252**, **K.5200, K.5230**, **K.5240, K.5300**, and **K.5400** 2-5
- General Applications Kit–**K.2272** 2
- Industrial Kits–**K.SRH440**, **K.TXH440** 2, 4
- Jewelers Kits–**K.2220, K.2230, K.2240**, **K.2245**, **K.2250**, and **K.TX300** 2-5

Handpieces– Interchangeable
- **Duplex Spring** 14
- **General Purpose** 12
- **Hammer** and **Heavy Duty** 14
- **Quick Change** 13
- **Speed Increasing, Angle Head,** and **Chisel** 15

Handpieces–Slip Joint and **Square Drive**–NEW 16

Handpiece Supplies and Attachments
- Anvil Points for Hammer Handpieces–NEW 14
- Bench Top Tools for use with H.30® Handpiece 17
- Chisels for Chisel Handpiece 15
- Chuck Keys 19
- Collets, Handpiece Grip, Lubricants 19
- Graver Holder for Micromotor Hammer Handpiece 23
- Handpiece Holder 20

Maintenance, Routine Procedures for Flex Shafts 11

Maintenance Supplies 18-19
- Lubricants, Replacement Shafts/Sheaths 18-19
- Motor Brushes–Replacement 18

Micromotors
- **Brushless** 23
- **Hammer** 22-23
- **High Torque**–NEW 22
- **Rotary** 22

Mini Vises 21
Motor Hangers 20
Motor Specifications for Flex Shaft Power Tools 27
On/Off Foot Switch 11
Power Cords & Plugs 230 Volt Control 7
Safety Supplies –Glasses, Respirator, Ear Plugs, Finger Tape 11
Saw Frame, Comfort Grip 26
Saw Blades, DualCut 26

Shafts and Sheaths
- European style shaft 7, 18
- Flexade® Attachment 25
- Key Tip, Non-Conducting, and Square Drive 18

Soff Jaws™ 21
Speed Controls– Foot and Dial 7, 9
Videos –Woodcarving, AllSet®/PowerGraver® 21
Ultrasonic Cleaning Solution for Elma® Cleaners 19
Wax Carver Kit and Brass Tips 26

Ordering–Model numbers and prices are shown in red on each page.

To order a complete flex shaft machine, specify: motor-control combination *plus* choice of handpiece. For example: M.SR-FCT + H.30®. We'll ship an M.SR Hang-Up style motor (shaft and sheath are included) with an FCT foot operated speed control and an H.30® handpiece. Add the price of the motor-control combination ($230) to the price of the handpiece ($65) to calculate total price ($295).

Product Repair and Warranty

Authorized repair service is available at our factory. Send items for repair to **16 Stony Hill Rd, Bethel, CT 06801,** marked **'Attention: Repair Department'**. Enclose the item(s), a packing list, your address, and the best way for us to contact you–phone number, fax, or email address and information regarding the problem or repairs required. Estimates of repair cost will be made upon request. It is our policy **not** to proceed with a repair without your approval if the cost (labor plus parts) is more than fifty percent of the cost for a new replacement. You will be notified and advised of the cost to repair and to purchase a new replacement.

Two Year Warranty– For All Flex Shaft Motors and Controls shown in this Catalog/Price List: Series SR, SRH and SR CE Motors, Controls, and Kits, Series TX and TXH Motors, Controls, and Kits, Series LX and LXH Motors, Controls, and Kits, PowerGraver® (PGX) Motor, Control and Kit, Arch Trimmer, and Brushless Micromotor Kit K.1050.

One Year Warranty– Micromotor Kits K.1020, K.1070, K.1080 and K.1090, Wax Carver, BL Polishing Lathe and Kits, Filter Hood MAFH25, and AllSet® Attachments.

All other Foredom power tools and attachments are warranted to be free of defects in material and workmanship for a period of 90 days from date of purchase by the user. These warranties do not cover breakage or damage caused by accident, abuse, or misuse and repairs required because of ordinary use and wear. Repair or replacement will be done at our option if the product is post-paid to our factory. We pay the return postage charges for all items repaired under warranty.

Duplex springs and shafts and sheaths are not covered by warranty.

All Prices are Subject to Change Without Notice. Special thanks to the following individuals and businesses for many of the photographs in this catalog showing Foredom tools in use: Mark Mann, Frank Russell, Frank Stetson, Quality Gem, Jewelry Designs, and Wagner Dental Lab of CT.

Form 301 9/10 Printed in USA

FOREDOM®

The Foredom Electric Company

16 Stony Hill Rd, Bethel, CT 06801 • Tel. **203-792-8622**

Fax **203-796-7861** • Email **customerservice@blackstoneind.com**

www.foredom.net