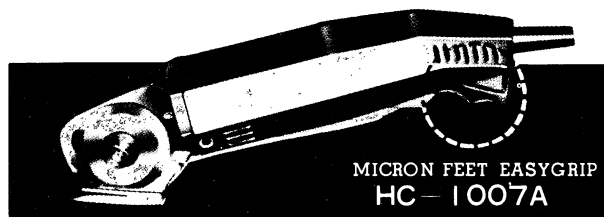
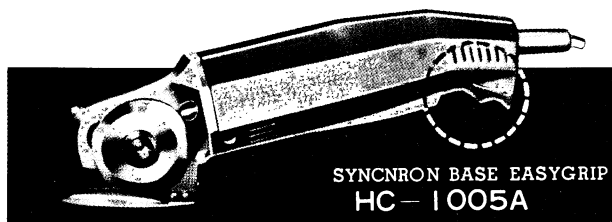
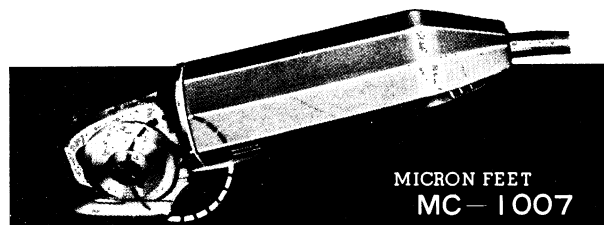
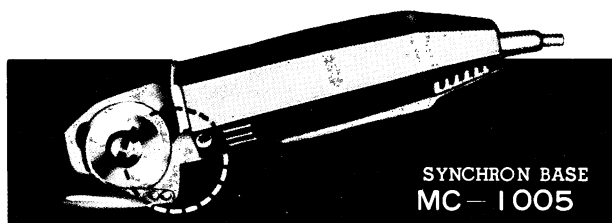


Suprena[®]

mini CUTTER

SUPRENA
CUTTING MACHINES

INSTRUCTION MANUALS & PARTS LISTS



The electric **MINI CUTTER** provides a most powerful and amazingly fastest cutting performance, having many distinguished features; namely, ① Recessed sharp for total visibility, ② Double insulated motor, ③ One-touch sharpener, ④ Carbide stationary counter cutting blade, ⑤ Built-in lubricator, ⑥ Light weight, ⑦ Different type of knives and ⑧ **SYNCHRON** system (Model MC-1005 & HC-1005A) and **MICRON** system (Model MC-1007 & HC-1007A) cutting base.

The following are the operating instructions for your **CUTTER** (all numbers given below refers to parts list on next pages)

START TO OPERATE:

Connect male plug to the electric power supply outlet of same voltage as shown on name plate. To operate **CUTTER**, press switch cover (M408Z or M409Z) and to release the switch cover, it will stop operate. The motor is double insulated (requires no grounding), therefore, it is equipped only with a 2-wire electric cord (M764). However upon request, will supply a 3-wire electric cord (M774, M775), to meet your specific electric regulations.

CUTTING:

Maximum cutting height is 8mm (5/16") depending on type of materials. Lays should not be higher than its height.

SHARPENING KNIFE:

Lightly press the sharpener push button (M528) just enough for sharpening stone (M688Z) to grind the rotating knife. (Don't press too hard because it will burr the knife.) You should keep knife always sharp for clean and accurate cutting.

LUBRICATION:

- Felt oiler (M680) behind knife — Requires oil only when cutting plastics or the materials which is apt to adhere to knife.
- Gears (M450 & M452A) — In case **CUTTER** uses daily, grease gears each week with grease (R672) through bushing located in back of gear housing (M400Z)
- Motor ball bearings (M652) — Grease every 12 months in case **CUTTER** is in regular use.
Remove old grease with cleaning fluid.

CHANGE KNIFE:

Insert an allen key (M674) into hole in knife. Unscrew knife lock screw (M504) with coin.

Tip over **CUTTER** and push out the knife with finger. Replace the worn knife and also the counter cutting blade (M729 or M706), if necessary. Lock knife with knife lock screw and reset the oscillating oiler. To obtain clean cutting, requires counter cutting blade set at angle of 10° against to the knife — to brush only the edge of the knife. When knife is worn down to about (42mm) (1-5/8"), it must be replaced.

CHANGE SHARPENING STONE:

Remove the knife, then loose stepped screw (M508) to take out sharpening mechanism. Remove sharpening stone (M688Z) from stepped shaft (M602) by unscrewing flat head screw (M510) and put in new sharpening stone. Remove compression spring (M620) by unscrewing push button (M528) on stepped shaft. Replace sharpening mechanism into gear housing (M400Z), insert stepped screw through gear housing and into stepped shaft. Then replace compression spring and push button. To clean sharpening stone, simply use cleaning fluid and a brush to keep it clean.

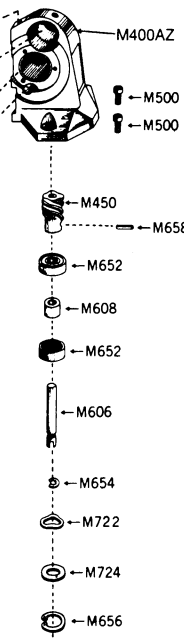
CHANGE CARBON BRUSHES:

Check carbon brushes (M758Z) every 200 hours of use. Using allen key (M674) remove the three socket screws (M502A) from the frame (M406 or M407). Slide off the frame. Then remove the brass screw from the exposed motor and replace the old carbon brushes with new ones.

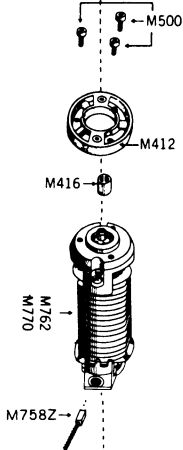
CUTTING BASE

- For **SYNCHRON SYSTEM CUTTING BASE** Unscrew (M548) and remove the **BASE PLATE (M426A)**, Then the **CUTTING FOOT (M424)** with **COUNTER BLADE (M550, 728, & 729)** will handle the different type of materials.
- For **MICRON SYSTEM CUTTING FEET** Remove the base (M402) by removing flat head screw (M501) that locks the base in place. Pull the base downward and off the pin.

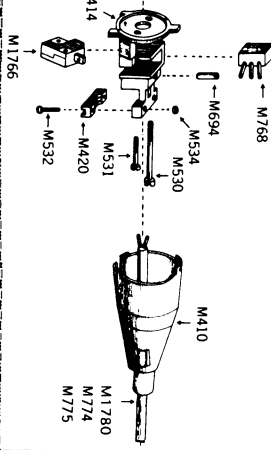
DRIVING MECHANISM



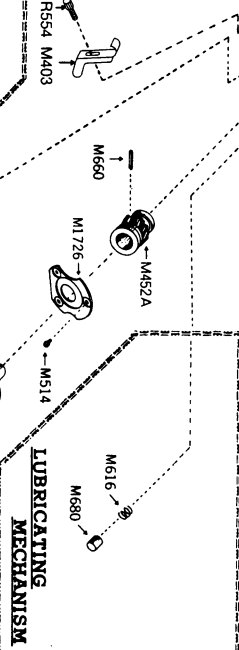
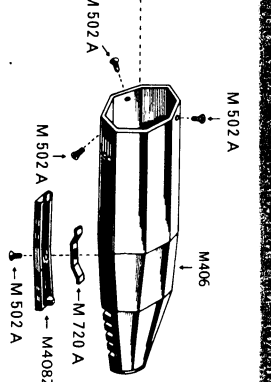
MOTOR PARTS



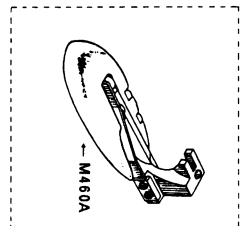
HOLDER & ITS ACCESSORIES



FRAME & SWITCH

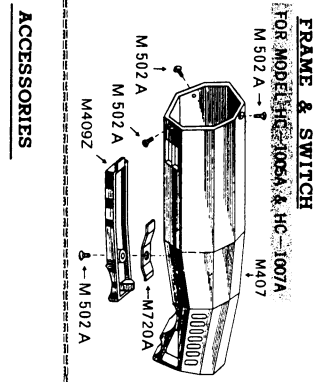
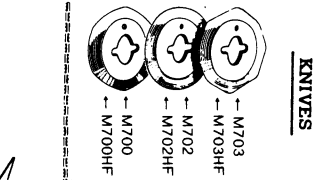
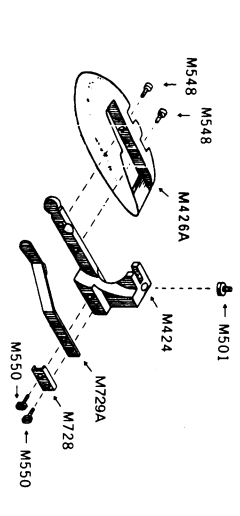


LUBRICATING MECHANISM

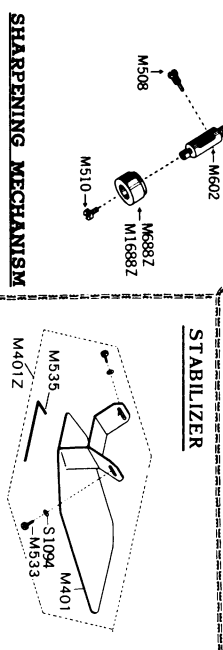


MICRON SYSTEM FEET

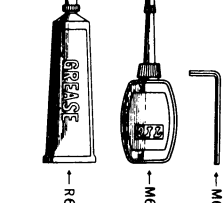
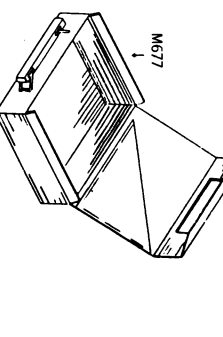
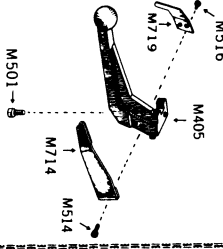
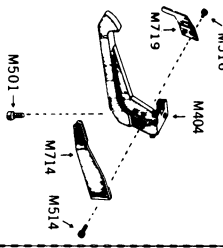
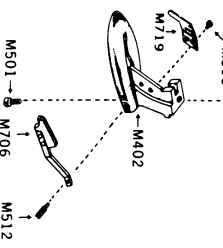
(FOR MC-1005, MC-1005-LRH & HC-1005A)



ACCESSORIES



SHARPENING MECHANISM



DRIVING MECHANISM

- M400AZ..... Gear Housing
- M450..... Worm
- M452A..... Worm Wheel
- M500..... Alien Screw
- M504..... Knife Lock Screw
- M514..... Fillicter Head Screw
- M600..... Stepped Shaft
- M606..... Shaft
- M608..... Spacer
- M652..... Ball Bearing
- M654..... E Ring
- M656..... Snap Ring
- M658..... Spring Pin
- M660..... Spring Pin
- M700..... 6-Sided Knife
- M722..... Undulated Washer
- M724..... Washer

SHARPENING MECHANISM

- M1726..... Cover Plate
- M403..... Finger Guard
- R554..... Knob Screw
- M508..... Stepped Screw
- M510..... Flat Head Screw
- M528..... Push Button
- M602..... Stepped Shaft
- M620..... Spring
- M688Z..... Sharpening Stone-Medium (Standard)
- M1688Z..... Sharpening Stone-Fine (Option)

SHARPENING MECHANISM

- M416..... Coupling
- M500..... Alien Screw
- M758Z..... Carbon Brush Complete
- M762..... Motor (110V) Complete
- M758Z..... Carbon Brush Complete
- M770..... Motor (220V) Complete
- M758Z..... Carbon Brush Complete

MICRON SYSTEM FEET

- M402..... Base
- M404..... Cutting Guide
- M405..... Ball Pointed Cutting Guide
- M501..... Flat Head Screw
- M512..... Screw for Base
- M514..... Fillicter Head Screw
- M516..... Tuss Head Screw
- M706..... Cutting Tip (base)
- M714..... Cutting Tip (guide)
- M719..... Spring Plate

MICRON SYSTEM FEET

- M531..... Round Head Screw
- M532..... Round Head Screw
- M534..... Nut
- M694..... Terminal
- M1780..... Cord (110V) 2 pin
- M774..... Cord (220V) 3 wire
- M775..... Cord (110V) 3 pin (UL)
- M1766..... Micro Switch
- M768..... Condenser

ACCESSORIES

- M502 A..... Socket Screw
- M720 A..... Spring Plate
- M670..... Oiler
- R672..... Tube of Grease
- M676..... Large Allen Key
- M677..... Vinyl Pouch

KNIVES (Heat Free Teflon)

- M700HF..... 6-Sided Knife (Option)
- M702HF..... Round Knife (Option)
- M703HF..... 8-Sided Knife (Option)

STABILIZER (Option)

- M401 Z..... Stabilizer Complete
- M401..... Stabilizer
- M533..... Allen Screw
- S1094..... Washer
- M535..... Allen Key

LUBRICATING MECHANISM

- M616..... Spring
- M680..... Oil Pad
- M412..... Insulator

SYNCHRON SYSTEM BASE

- M426 A..... Base Plate
- M548..... Flat Head Screw
- M728..... Plate
- M729A..... Counter Blade
- M501..... Flat Head Screw

HOLDER & ITS ACCESSORIES

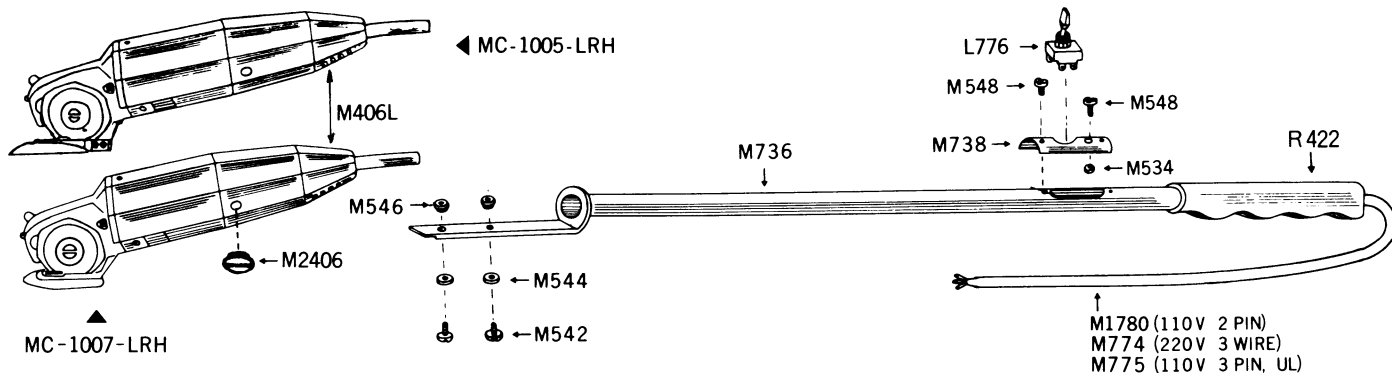
- M410..... Cord Cover
- M414..... Holder
- M420..... Crip
- M530..... Flat Head Screw

FRAME & SWITCH

- M406..... 6-Sided Knife (Mounted with Cutter)
- M407..... Frame
- M408 Z..... Switch Cover
- M409 Z..... Switch Cover

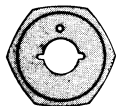
LONG REACH HANDLE (LRH) MODEL SPECIAL PARTS LISTS

FOR MODEL MC-1005-LRH & MC-1007-LRH



M534..... Nut	M736..... Long Reach Handle	L 776..... Switch
M542..... Fixing Screw	M738..... Cover	M406L..... Frame (LRH)
M544..... Washer	M1780..... Cord (110V) 2 pin	M2406..... Cap for Brush replace
M546..... Nut	M774..... Cord (220V) 3 wire	R 422 GRIP
M548..... Screw	M775..... Cord (110V) 3 pin(UL)	

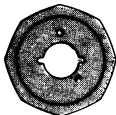
KNIVES



6-SIDED KNIFE (M700)
for cutting of knit fabric, synthetics, thin leather, plastic sheet and any slippery material.
(STANDARD ACCESSORIES)



ROUND KNIFE (M702)
for cutting of light to medium heavy weight of all type of fabrics and papers.
(STANDARD ACCESSORIES)

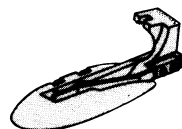


8-SIDED KNIFE (M703)
for cutting of fibre glass, hard plastics and thick, slippery materials.
(OPTION ACCESSORIES)



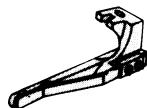
ALSO AVAILABLE HEAT FREE TEFLON COATED KNIFE FOR ANTI-FRICTION

SYNCHRON SYSTEM BASE



COMPLETE BASE (M460A)
— recommendable for general cutting of fabric

UNSCREW (M548) and by removal of
BASE PLATE (M426A)



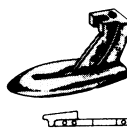
CUTTING FOOT (M424) with COUNTER BLADE assemblies (M550, 728 & 729)

— Recommendable to apply for cutting of

- ① Plastic or synthetics and sharp angle of fabrics
- ② Also slitting of knit fabrics and coarse fabrics

MICRON SYSTEM FEET

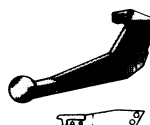
(FOR MC-1007, MC-1007-LRH & HC-1007A)



BASE (M402) and TIP (M706) is good for general cutting operation of fabrics, plastics and synthetics.
(STANDARD)



CUTTING GUIDE (M404) and TIP (M714) is recommendable for sharp angle cutting operation of fabrics, plastics and synthetics.
(OPTION)



BALL POINTED CUTTING GUIDE (M405) and TIP (M714) is recommendable for slitting cut or general cutting operation of knit fabrics and other coarse woven fabrics.
(OPTION)

MOTOR SPECIFICATIONS

VOLTAGE	CURRENT	HERTZ	AMPERE
100~110 V	A. C.	50/60	0.5/0.6
220~240 V	A. C.	50/60	0.25/0.3

Remarks: When ordering, indicate VOLTAGE & HERTZ of your country.

MAINTENANCE

- ① To maintain perfect cutting performance, replace the knife when the knife is worn down to about 42mm (1-5/8"). When the cutter is used with a worn knife, the cutting edge will make contact further back on the carbide counter cutting blade—this causes a loss of the scissor action almost all cutting action is lost.
- ② Operator should use care in operating the cutter without touching the air ventilation holes while using the cutter. Since it will cause the cutter to get excessively hot and may burn out the motor. The ventilation hole should be kept clean of lint or dirt at all times so that air can make the motor cool while in operation.

AGENT :

Parts catalog #01.12. 100MDOC