

Suprena Mini-Tuff Cutter & PARTS LISTS

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 TEFLOON COATED KNIFE FOR ANTI-HEAT-FREE FRICTION

SYNCHRON SYSTEM BASE



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

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



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

— Recommended to apply for cutting of
① Plastic on synthetics and sharp angle of fabrics
② Also suitable of knit fabrics and coarse fabrics

MICRON SYSTEM FEET



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



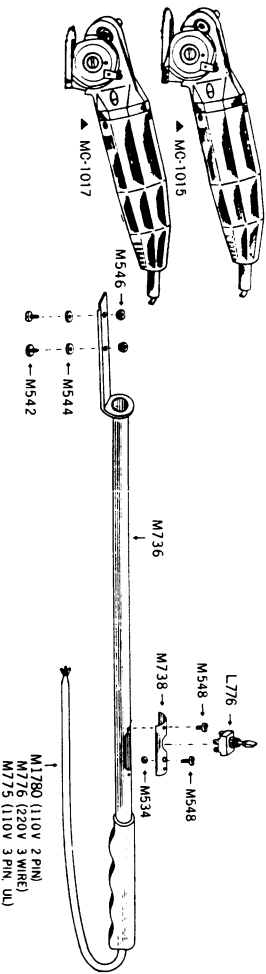
CUTTING GUIDE (M404) and TIP (M714) is recommended for sharp angle cutting operation of fabrics, plastics and synthetics.
(OPTION)



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

LONG REACH HANDLE (LRH) MODEL

FOR MODEL MC-1015-LRH & MC-1017-LRH



M534..... Nut
M542..... Fixing Screw
M544..... Washer
M546..... Nut

M548..... Screw
M736..... Long Reach Handle
M738..... Cover
M1780..... Cord (110V) 2 pin

M776..... Cord (220V) 3 wire
M775..... Cord (110V) 3 pin (UJ)
L776..... Switch

MOTOR SPECIFICATIONS

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

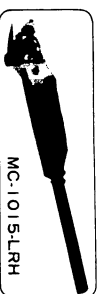
Remarks: When ordering, indicate VOLTAGE & HERTZ of your country.

AGENT :

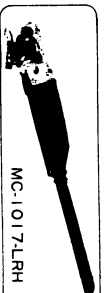
Parts catalog #02.11. 1000MDOC

MAINTENANCE

- 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.
- 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.



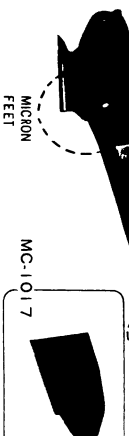
MC-1015



MC-1017A



MC-1015A



MC-1017

SYNCHRON BASE

EASY GRIP

MICRON FEET

EASY GRIP

The electric MINI TUFF CUTTER provides a most powerful and amazingly fastest cutting performance, having many distinguished features: namely,

- ① Specially designed gear mechanism for the tough to cut materials
- ② Recessed sharp for total visibility.
- ③ Double insulated motor.
- ④ One-touch sharpener.
- ⑤ Carbide stationary counter cutting blade.
- ⑥ Light weight.
- ⑦ Different type of knives and MICRON system (Model MC-1015 & MC-1015A) and MICRON system (Model MC-1017 & MC-1017A) 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 (M4092) 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 (M776/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 (M6882) 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 roller (M680) behind knife — Requires oil only when cutting plastics or the materials which is apt to adhere to knife.
- Gears (M1562) — In case CUTTER uses daily, grease gears each week with grease (M672) through bushing located in back of gear housing. (M1560Z).
- Ball bearings (M652 & M1569) — Grease every 12 months in case CUTTER is in regular use. Remove old grease with cleaning fluid.

CHANGE KNIFE:

Insert a pin into hole in knife. Unscrew knife lock screw (M504) with con. Tip over CUTTER and push out the knife with finger. Replace the worn knife and also the counter cutting blade (M729A or M700), if necessary. Lock knife with knife lock screw and reset the oscillating roller. 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 repaired.

CHANGE SHARPENING STONE:

Remove the knife, then loose stepped screw (M508) to take out sharpening mechanism. Remove sharpening stone (M6882) 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 (M1560Z) 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 (M7582) 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 & 729A) 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.

