

SYNCHRON SYSTEM BASE



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



CUTTING FOOT (M424) with COUNTER BLADE ASSEMBLIES (M456, 728 & 728A)

UNSCREW (M454B) and by removal of BASE PLATE (M426A)

— Recommended to apply for cutting of plastic or synthetics and sharp angle of fabric

② Also suitable for knitted fabrics and coarse fabrics

MICRON SYSTEM FEET



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

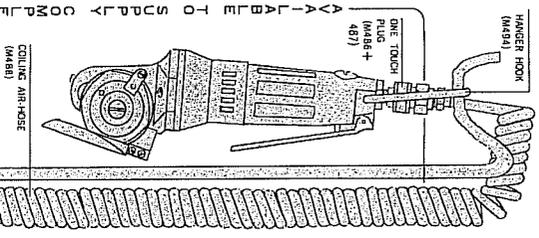


CUTTING GUIDE (M404) and TIP COMPLETE (M714) is recommended for sharp angle cutting operation of fabrics, plastics and synthetics.



BALL POINTED CUTTING GUIDE (M405) and TIP COMPLETE (M714) is recommended for sitting cut or general cutting operation of knitted fabrics and other coarse woven fabrics. **especial tejidos de punto (EXTRA) y otros tejidos gruesos**

HANGING STAND



AVAILABLE TO SUPPLY COMPLETE SET WITH HANGER & STAND

KNIVES



6-SIDED KNIFE (M700) for cutting of knitted 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 types of fabrics and papers. (STANDARD ACCESSORIES)



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



ALSO AVAILABLE HEAT FREE TEFLON COATED KNIFE FOR ANTI FRICTION

SPECIFICATIONS

AIR MOTOR:
 Air pressure used..... : 4.5 kg/cm²
 Max. horse power..... : 0.4 HP (300 W)
 Max. Torque..... : 0.032 Kg-m
 Max. Speed with load..... : 9,900 r.p.m. (without load 20,000 r.p.m.)
 Max. Air consumption with load..... : 3.8m³/min. (without load 0.45m³/min.)

AIR INLET:
 Outer Diameter..... : 8.5 mm (3/8")
 Inlet screw (threading)..... : 1/4 PT
 Compressor (recommended)..... : 1.0 HP compressor for 1 cutter

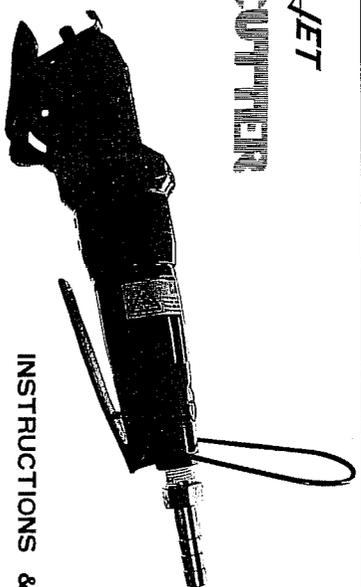
CUTTER:
 Diameter of knife..... : 30 HP compressor for 2 cutter
 Dimension..... : 50 mm (2")
 Diameter..... : (H) 80 mm x (W) 50 mm x (L) 235 mm
 Standard accessories..... : 2-knife/round and 6-sided, 1-allen screw wrench, 1-grease, and 1-oil

WEIGHT:..... : (NW) 0.9 kg (GW) 1.3 kg

AGENT:

China, 40013, LONKADOC

MINI-JET CUTTER



INSTRUCTIONS & PARTS LIST

MODEL
PC-1062

The MINI JET CUTTER provides a most powerful and amazingly fastest cutting performance, and a long trouble-free life is assured on account of specially engineered pneumatic motor.

This cutter has many distinguished features; namely, (1) Recessed shape for total visibility, (2) Powerful and ductility noise silencer, (3) Troubleless through over-load, (4) One-touch sharpener, (5) Stationary carbide counter cutting blade, (6) Fat pad oiler and built-in lubricator, (7) Light weight only 0.9 kg (2 lbs.), (8) 6-different types of knife made from high-speed steel, (9) Grip style lever switch, and (10) Two-in-one Synchron system cutting base.

The following are the operating instructions for your Cutter (all numbers given below refers to parts list on the other side).

START TO OPERATE:

Connect AIR INLET (M485) to the compressor AIR HOSE (M489). To operate Cutter, press THROTTLE LEVER (M482) and to stop operate, release Lever. The air motor uses 4.5 kg/cm² air pressure. 1.0 HP compressor required for 1 cutter (3HP for 2 cutter). When COILING AIR HOSE (M488) with one touch AIR INLET (M486, M487) in use, change AIR INLET (M486) in stead of AIR INLET (M485) and connect with AIR INLET SOCKET (M487) and COILING AIR HOSE (M488)

CUTTING:

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

To maintain perfect cutting performance, replace the KNIFE (M700, M702 & M703) when the knife is worn down to about 42 mm (1-5/8").

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:

(a) OIL PAD (M680) behind knife—Requires oil only when cutting plastics or the stiff materials which is apt to adhere to knife.

(b) GEARS (M450 & M452-A)—In case Cutter uses daily, grease gears each 3 days with special red GREASE (R672) through bushing located in back of GEAR HOUSING (M400A2).

AIR MOTOR (M490B) — When the first operation, in order to Remove dust during the transportation, give a plenty of clean oil—spindle oil #60—in the AIR INLET (M485). In case Cutter uses daily, drops a few oil through the oil hole before and after the operation.

SYNCHRON SYSTEM CUTTING BASE:

SYNCHRON BASE (M460) use for general cutting purpose. Unscrew the ROUND HEAD SCREW (M548) and remove the BASE PLATE (M426A). It converts easily to a CUTTING FOOT (M424) with COUNTER BLADE (M728A) for sitting or trimming of plastics or stiff material as well as knitted fabrics.

CHANGE VANES:

When the rotation of vane lowers after several months operation, overhaul and wear checking on the VANES (M470) are required. In case vanes worn remarkably at the edge it must be repaired.

Separate the CONNECTOR (M452B-A) from the MOTOR CASE (M476) by turning counter clockwise. Tap the upper part of the motor case with a wooden hammer and draw the ROTOR (M469) out from the top. Then, the CYLINDER (M472), COUPLING (M416), NUT (M483), GUIDE PLATE (M466), BALL BEARING (M467 & M474), BRACKET (M468 & M473), ROTOR (M469), VANES (M470), SPRING PIN (M471) and END PLATE (M475) are all drawn out at the same time. For disassembling the motor section, it is enough only to pull them lightly.

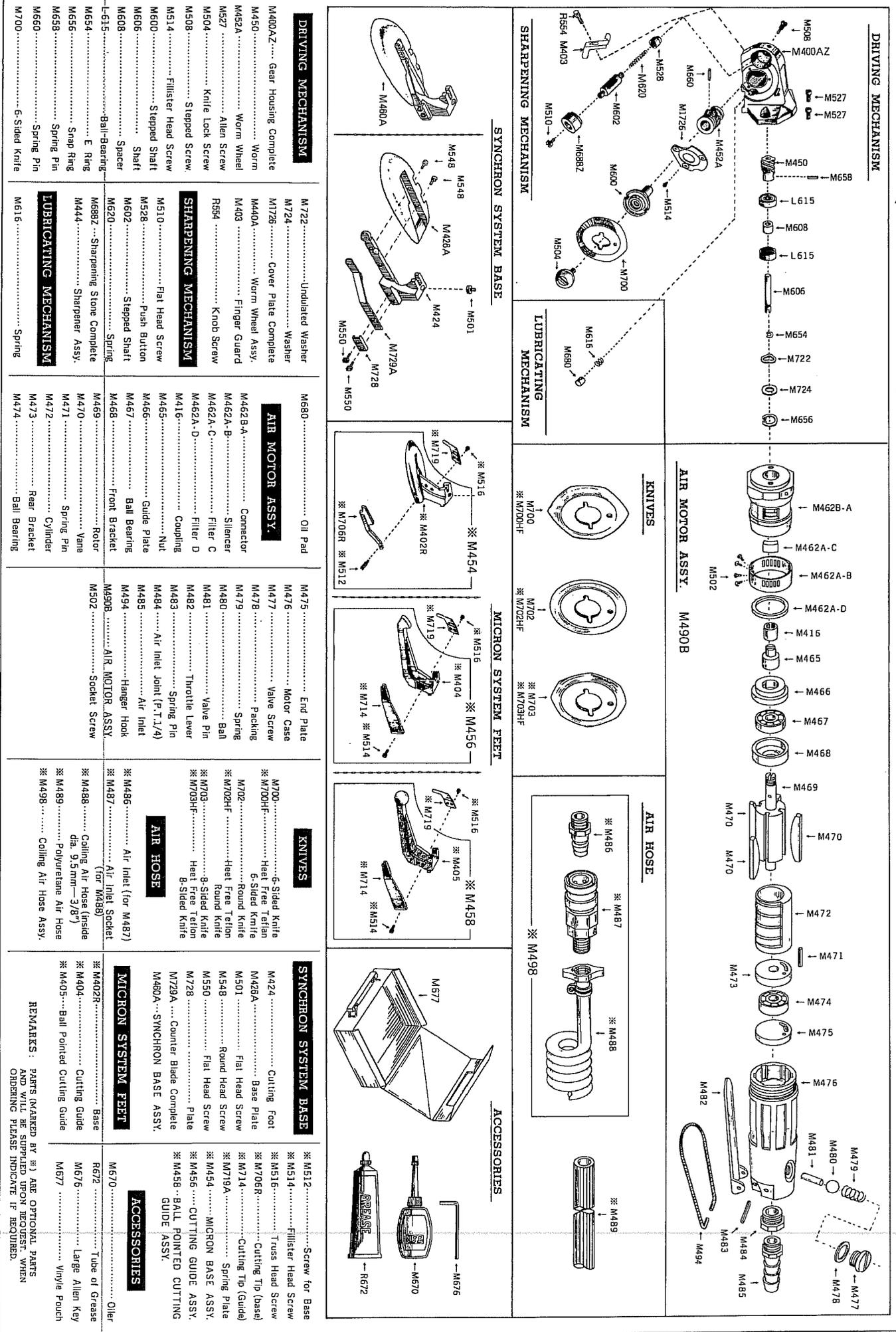
THROTTLE VALVE & LEVER:

Usually, the air inlet valve section in the motor case requires no overhaul. In case of disassembly, after removing the VALVE SCREW (M477) by turning counter clockwise, the PACKING (M478), SPRING (M479), BALL (M480) and VALVE PIN (M481) can be easily draw out. THROTTLE LEVER (M482) can be separated by removing the SPRING PIN (M483).

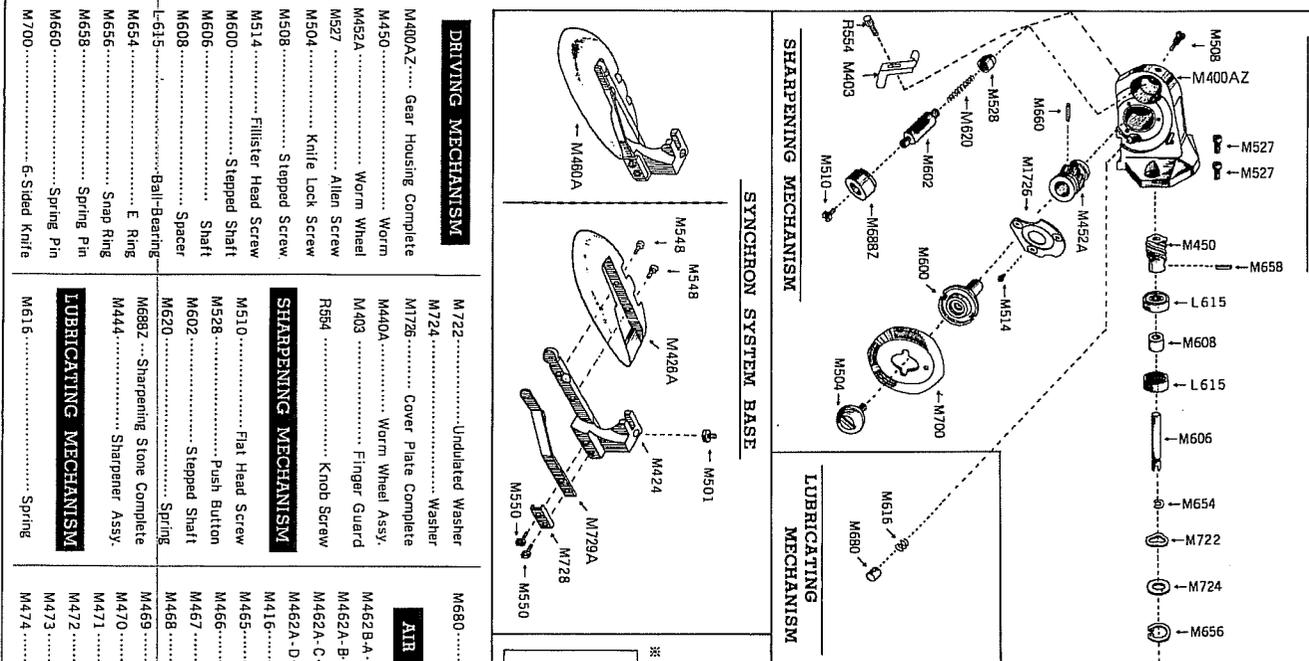
CHANGE SHARPENING STONE:

Remove the knife, then loose stepped screw (M508) to take out sharpening mechanism. Remove sharpening stone (M6882) by 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 (M400A2), 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.

Suprena® mini JET CUTTER MODEL PC-1062 PARTS LIST



DRIVING MECHANISM



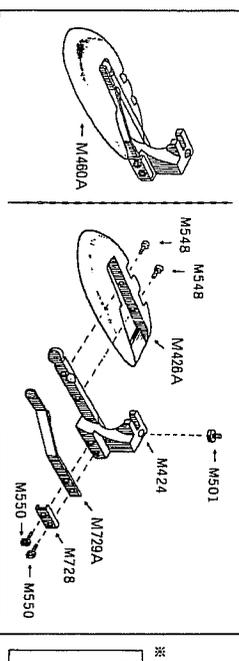
M400AZ.....	Gear Housing Complete
M450.....	Worm
M424.....	Worm Wheel
M527.....	Allen Screw
M504.....	Knife Lock Screw
M508.....	Stepped Screw
M514.....	Fillister Head Screw
M600.....	Stepped Shaft
M606.....	Shaft
M608.....	Spacer
L-615.....	Ball-Bearing
M654.....	E Ring
M656.....	Snap Ring
M658.....	Spring Pin
M660.....	Spring Pin
M700.....	6-Sided Knife

SHARPENING MECHANISM



M528.....	Undulated Washer
M620.....	Washer
M660.....	Cover Plate Complete
M1726.....	Worm Wheel Assy.
M514.....	Finger Guard
M510.....	Knob Screw
M682.....	Flat Head Screw
M688Z.....	Push Button
M504.....	Stepped Shaft
M700.....	Stepped Shaft

SYNCHRON SYSTEM BASE



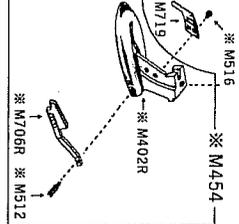
M480A.....	Undulated Washer
M548.....	Washer
M428A.....	Cover Plate Complete
M424.....	Worm Wheel Assy.
M501.....	Finger Guard
M728.....	Knob Screw
M79A.....	Flat Head Screw
M728.....	Push Button
M550.....	Stepped Shaft
M550.....	Stepped Shaft

LUBRICATING MECHANISM



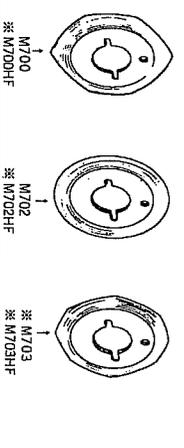
M615.....	Oil Pad
M680.....	Oil Pad

AIR MOTOR ASSY.



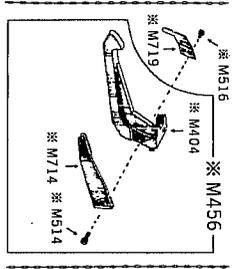
M516.....	Connector
M454.....	Silencer
M719.....	Filter C
M402R.....	Filter D
M706R.....	Coupling
M512.....	Coupling

KNIVES



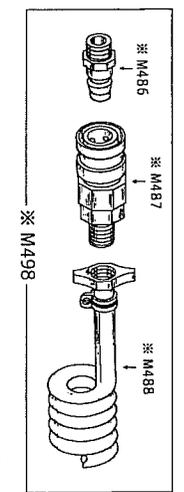
M700.....	6-Sided Knife
M702.....	6-Sided Knife
M703.....	6-Sided Knife
M703HF.....	6-Sided Knife
M700HF.....	6-Sided Knife
M702HF.....	6-Sided Knife

MICRON SYSTEM FEET



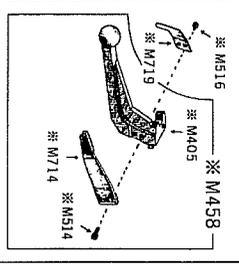
M516.....	Heat Free Teflon Round Knife
M456.....	Heat Free Teflon 8-Sided Knife
M404.....	Heat Free Teflon Round Knife
M719.....	Heat Free Teflon 8-Sided Knife
M714.....	Heat Free Teflon 8-Sided Knife
M514.....	Heat Free Teflon 8-Sided Knife

AIR HOSE



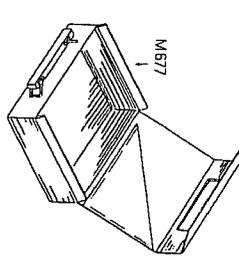
M485.....	Colling Air Hose (inside dia. 9.5mm-3/8")
M487.....	Polyurethane Air Hose
M488.....	Colling Air Hose Assy.
M498.....	Colling Air Hose Assy.

KNIVES



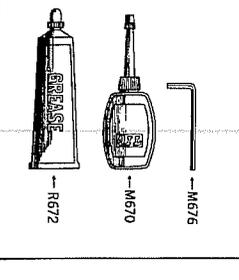
M516.....	Heat Free Teflon Round Knife
M458.....	Heat Free Teflon 8-Sided Knife
M405.....	Heat Free Teflon Round Knife
M719.....	Heat Free Teflon 8-Sided Knife
M714.....	Heat Free Teflon 8-Sided Knife
M514.....	Heat Free Teflon 8-Sided Knife

SYNCHRON SYSTEM BASE



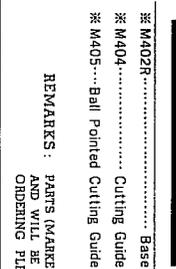
M677.....	Fillister Head Screw
M672.....	Truss Head Screw

ACCESSORIES



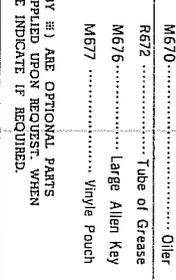
M512.....	Screw for Base
M514.....	Fillister Head Screw
M516.....	Truss Head Screw
M706R.....	Cutting Tip (base)
M714.....	Cutting Tip (guide)
M719A.....	Spring Plate
M548.....	Round Head Screw
M550.....	Flat Head Screw
M728A.....	Counter Blade Complete
M480A.....	SYNCHRON BASE ASSY.
M670.....	Oil
M676.....	Tube of Grease
M677.....	Large Allen Key
R672.....	Vinyle Pouch

MICRON SYSTEM FEET



M402R.....	Base
M404.....	Cutting Guide
M405.....	Ball Pointed Cutting Guide
M677.....	Large Allen Key

ACCESSORIES



M670.....	Oil
M672.....	Tube of Grease
M676.....	Large Allen Key
M677.....	Vinyle Pouch

REMARKS: PARTS (MARKED BY ※) ARE OPTIONAL PARTS AND WILL BE SUPPLIED UPON REQUEST. WHEN ORDERING PLEASE INDICATE IF REQUIRED.