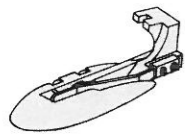


SYNCHRON SYSTEM BASE

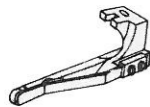


SYNCHRON BASE (M460)
— recommendable for
general cutting of fabric

UNSCREW (M548) and by
removal of
BASE PLATE (M426)

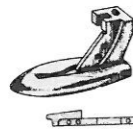


CUTTING FOOT (M424) with
COUNTER BLADE assemblies
(M550, 728 & 729)

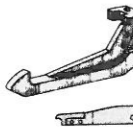


— Recommendable to apply for
cutting of
① Plastic or synthetics and
sharp angle of fabrics
② Also slitting of knit fabrics
and coarse fabrics

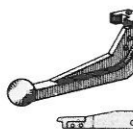
MICRON SYSTEM FEET



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

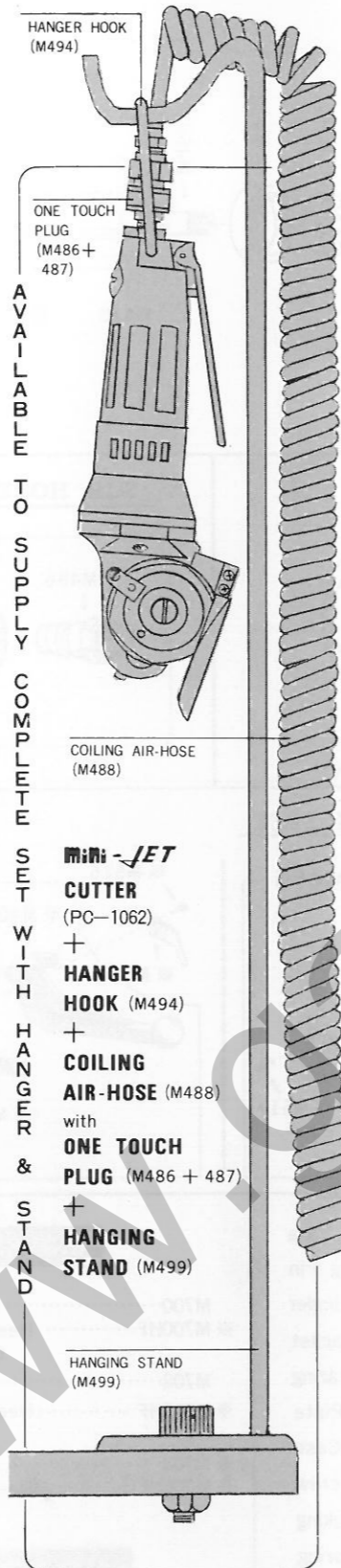


CUTTING GUIDE (M404) and TIP
COMPLETE (M714) is recommend-
able for sharp angle cutting opera-
tion of fabrics, plastics and
synthetics.
(EXTRA)



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

HANGING STAND



AVAILABLE TO SUPPLY COMPLETE SET WITH HANGER & STAND

mini JET

CUTTER

(PC-1062)

+

HANGER

HOOK (M494)

+

COILING

AIR-HOSE (M488)

with

ONE TOUCH

PLUG (M486 + 487)

+

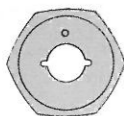
HANGING

STAND (M499)

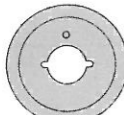
HANGING STAND

(M499)

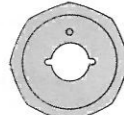
KNIVES



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

AIR INLET:

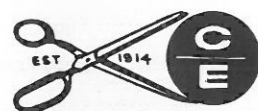
Outside Diameter..... : 9.5 mm (3/8")
Inlet screw threading..... : 1/4 PT
Compressor (recommendable)..... : 1.0 HP compressor for 1 cutter

CUTTER:

Cutter..... : 3.0 HP compressor for 2 cutter
Diameter of knife..... : 50 mm (2")
Dimension..... : (H) 80 mm × (W) 50 mm × (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:



CUTTERS exchange inc.

EVERYTHING FOR THE MODERN OFFICE AND GARMENT FACTORY
4500 Singer Road P.O.Box 7001 Murfreesboro, TN 37133 U.S.A. TEL: (615) 895-8070 FAX: (615) 895-3210

mini JET CUTTER



MODEL
PC-1062

INSTRUCTIONS & PARTS LIST

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 duplicity noise silencer, (3) Troubleless through over-load, (4) One-touch sharpener, (5) Stationary carbide counter cutting blade, (6) Felt 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 6 kg/cm² air pressure. 1.0 HP compressor required for 1 cutter (3 HP 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 (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:

- Oscillating OILER (M418) — In case Cutter uses daily, saturates OIL PAD (M682) twice daily with OILER (M670) through the oil hole.
- OIL PAD (M680) behind knife—Requires oil only when cutting plastics or the stiff materials which is apt to adhere to knife.
- 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 (M400Z).
- 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 (M426), it converts easily to a CUTTING FOOT (M424) with COUNTER BLADE (M729) for slitting 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 replaced.
Separate the CONNECTOR (M462B-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 (M465), 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:

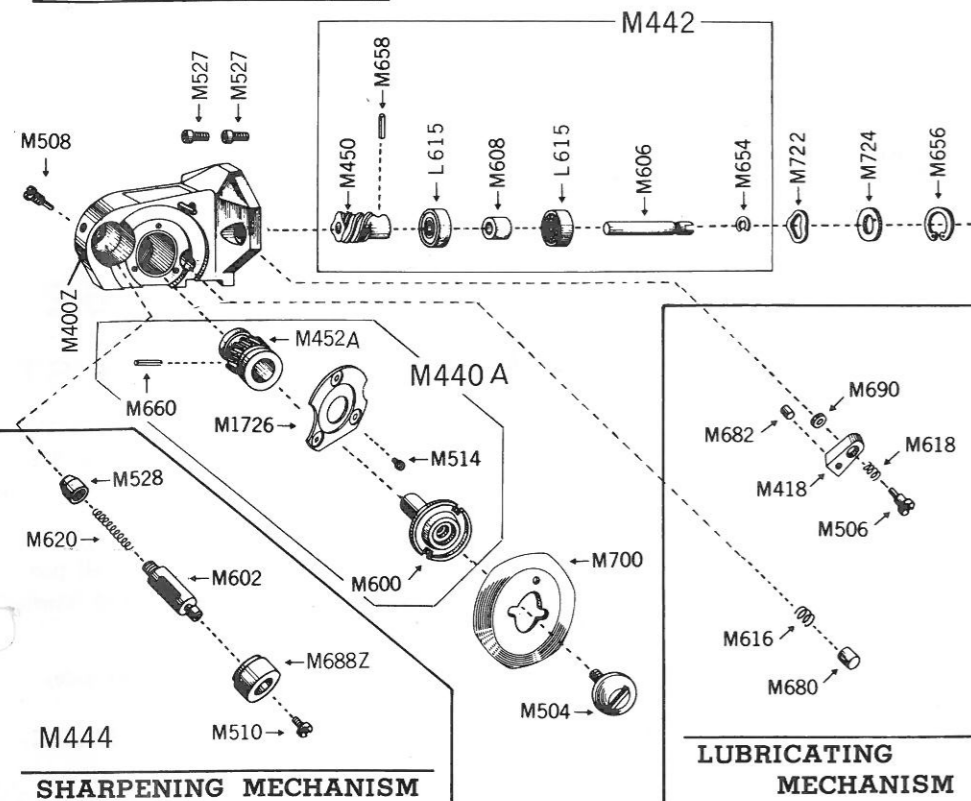
Usually, the air inlet valve section in the motor case requires no overhaul. In case of disassembly, after removing the VALVE SCREW (M477) by turning counter clockwise, the PACKING (M478), SPRING (M479), BALL (M480) and VALVE PIN (M481) can be easily draw out. THROTTLE LEVER (M482) can be separated by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

CHANGE SHARPENING STONE:

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

Catalog #10109

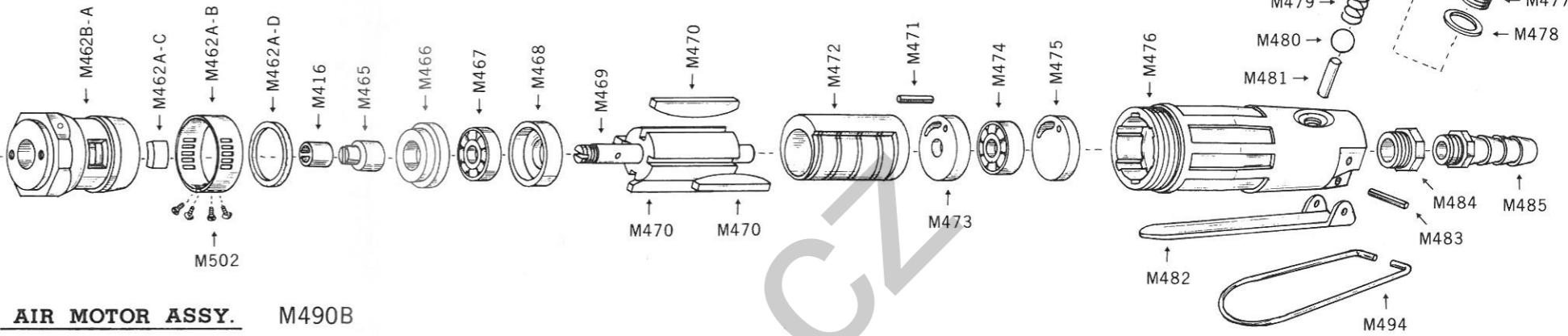
DRIVING MECHANISM



M444

SHARPENING MECHANISM

LUBRICATING MECHANISM

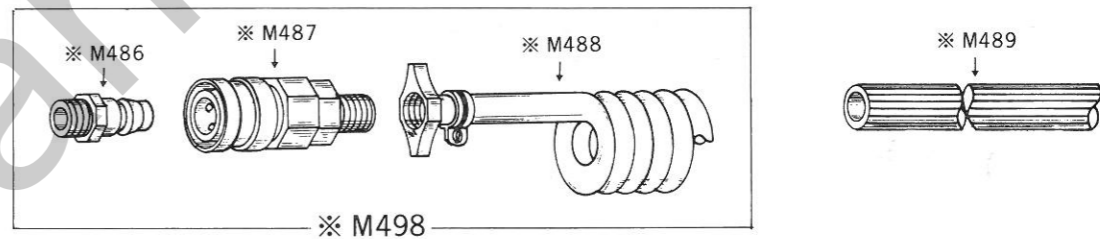


AIR MOTOR ASSY. M490B

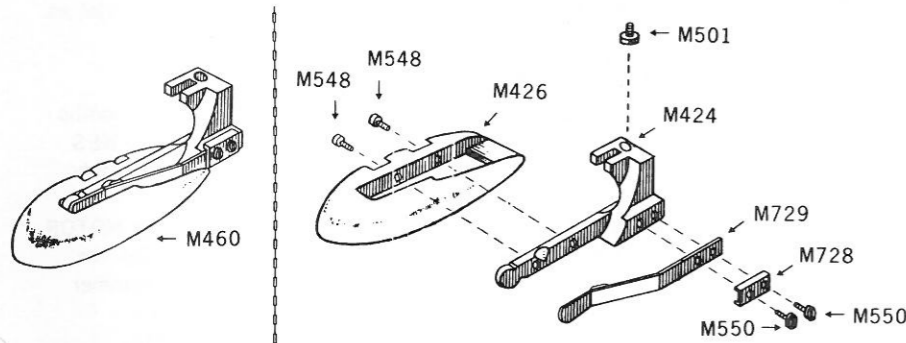
KNIVES



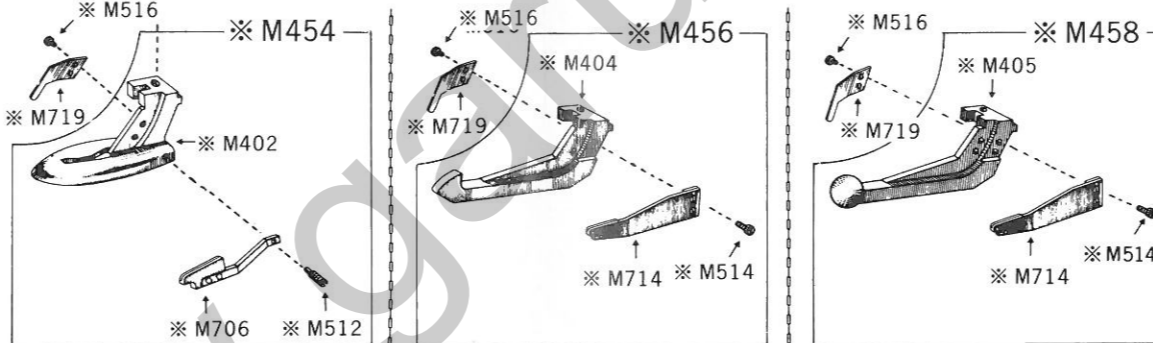
AIR HOSE



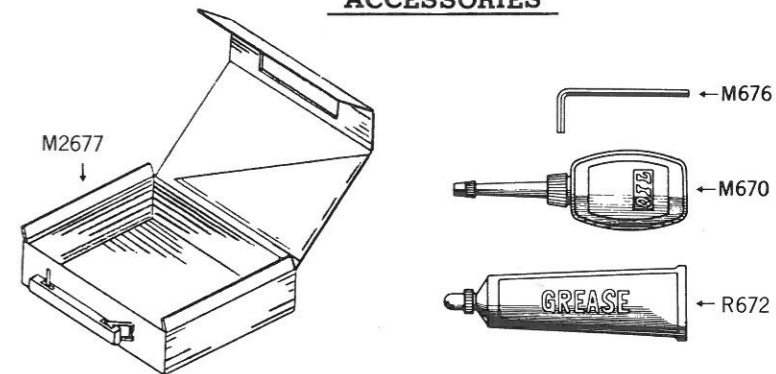
SYNCHRON SYSTEM BASE



MICRON SYSTEM FEET



ACCESSORIES



DRIVING MECHANISM

- M400Z Gear Housing Complete
- M450 Worm
- M452A 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

- M722 Undulated Washer
- M724 Washer
- M1726 Cover Plate Complete
- M440A Worm Wheel Assy.
- M442 Worm Assy.

SHARPENING MECHANISM

- M510 Flat Head Screw
- M528 Push Button
- M602 Stepped Shaft
- M620 Spring
- M688Z Sharpener Stone Complete
- M444 Sharpener Assy.

LUBRICATING MECHANISM

- M418 Oiler

AIR MOTOR ASSY.

- M506 Stepped Screw
- M616 Spring
- M618 Spring
- M680 Oil Pad
- M682 Oil Pad
- M690 Washer
- M462B-A Connector
- M462A-B Silencer
- M462A-C Filter C
- M462A-D Filter D
- M416 Coupling
- M465 Nut
- M466 Guide Plate
- M467 Ball Bearing
- M468 Front Bracket
- M469 Rotor

- M470 Vane
- M471 Spring Pin
- M472 Cylinder
- M473 Rear Bracket
- M474 Ball Bearing
- M475 End Plate
- M476 Motor Case
- M477 Valve Screw
- M478 Packing
- M479 Spring
- M480 Ball
- M481 Valve Pin
- M482 Throttle Lever
- M483 Spring Pin
- M484 Air Inlet Joint (P.T.1/4)
- M485 Air Inlet
- M494 Hanger Hook
- M490B AIR MOTOR ASSY.
- M502 Socket Screw

KNIVES

- M700 6-Sided Knife
- ※ M700HF Heat Free Teflon 6-Sided Knife
- M702 Round Knife
- ※ M702HF Heat Free Teflon Round Knife
- ※ M703 8-Sided Knife
- ※ M703HF Heat Free Teflon 8-Sided Knife

AIR HOSE

- ※ M486 Air Inlet (for M487)
- ※ M487 Air Inlet Socket (for M488)
- ※ M488 Coiling Air Hose (inside dia. 9.5mm—3/8")
- ※ M489 Polyuretane Air Hose
- ※ M498 Coiling Air Hose Assy.

SYNCHRON SYSTEM BASE

- M424 Cutting Foot
- M426 Base Plate
- M501 Flat Head Screw
- M548 Round Head Screw
- M550 Flat Head Screw
- M728 Plate
- M729 Counter Blade Complete
- M460 SYNCHRON BASE ASSY.

MICRON SYSTEM FEET

- ※ M402 Base
- ※ M404 Cutting Guide
- ※ M405 Ball Pointed Cutting Guide

- ※ M512 Screw for Base
- ※ M514 Fillister Head Screw
- ※ M516 Truss Head Screw
- ※ M706 Cutting Tip Complete (base)
- ※ M714 Cutting Tip Complete (Guide)
- ※ M719 Spring Plate
- ※ M454 MICRON BASE ASSY.
- ※ M456 CUTTING GUIDE ASSY.
- ※ M458 BALL POINTED CUTTING GUIDE ASSY.

ACCESSORIES

- M670 Oiler
- R672 Tube of Grease
- M676 Large Allen Key
- M2677 Vinyl Pouch

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