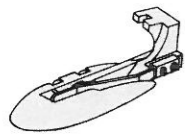


SYNCHRON SYSTEM BASE

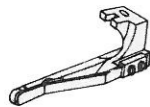


SYNCHRON BASE (M460)
— recommendable for
general cutting of fabric

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



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

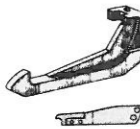


— Recommendable to apply for
cutting of
① Plastic or synthetics and
sharp angle of fabrics
② Also slitting of knit fabrics
and coarse fabrics

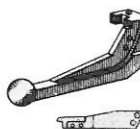
MICRON SYSTEM FEET



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

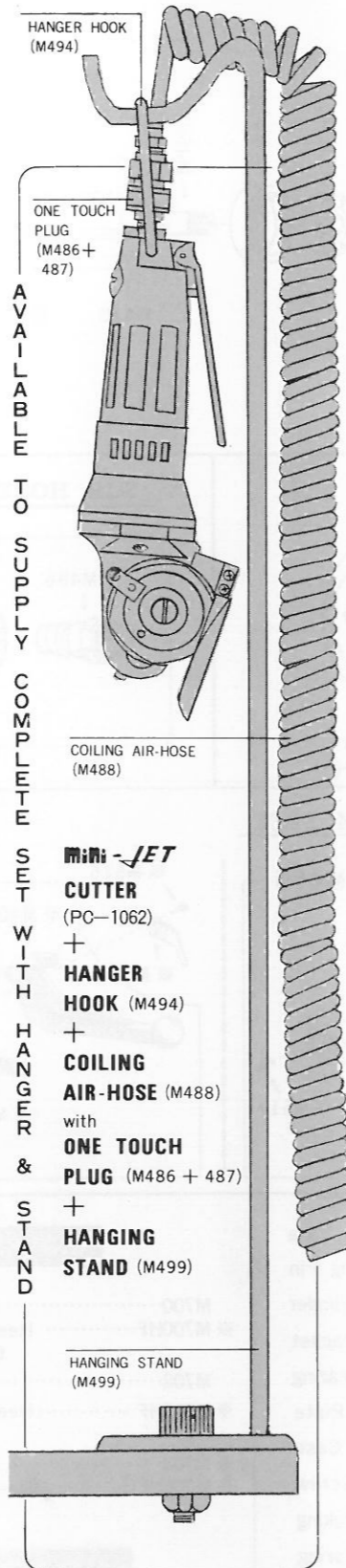


CUTTING GUIDE (M404) and TIP
COMPLETE (M714) is recommend-
able for sharp angle cutting opera-
tion of fabrics, plastics and
synthetics.
(EXTRA)



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)

+

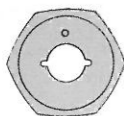
HANGING

STAND (M499)

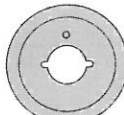
HANGING STAND

(M499)

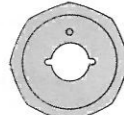
KNIVES



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:

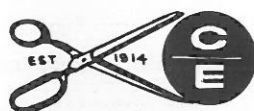
Outside Diameter..... : 9.5 mm (3/8")
Inlet screw threading..... : 1/4 PT
Compressor (recommendable)..... : 1.0 HP compressor for 1 cutter

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

