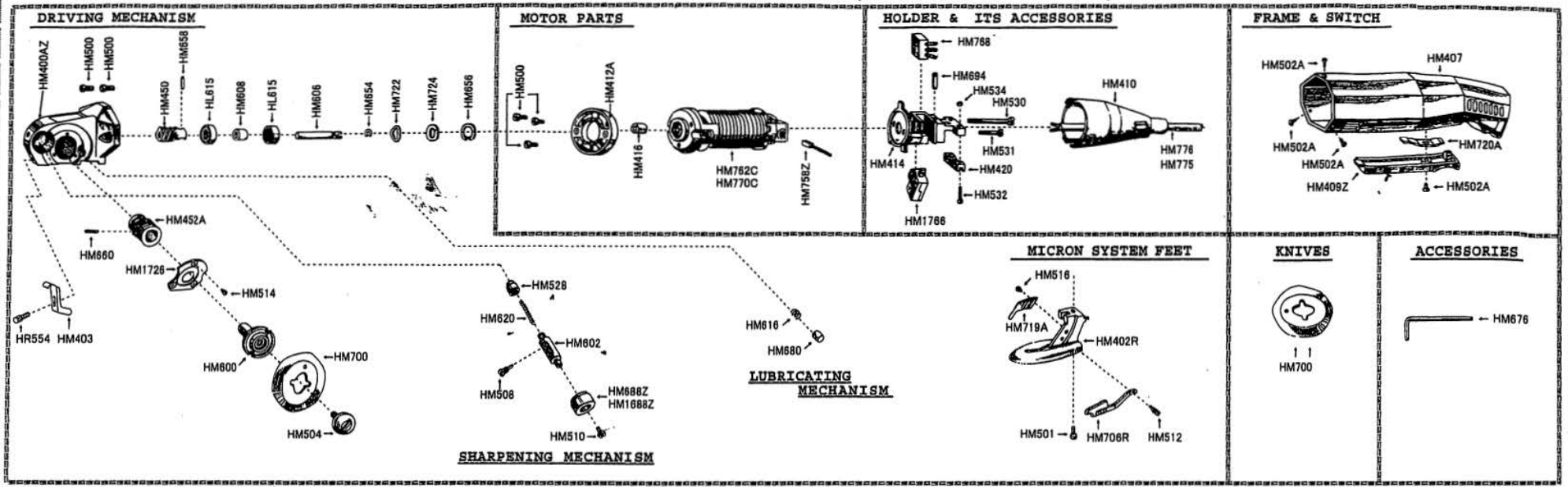
KM HANDY TYPE CUTTER FOR MODELS: KSC-500, SUPRENA M700, TUFFY 503K & HERCULES



DRIVING MECHANISM

HM400AZ ..... Gear Housing
HM450 ..... Worm
HM452A ..... Worm Wheel
HM500 ..... Allen Screw
HM504 ..... Knife Lock Screw
HM514 ..... Fillister Head Screw
HM600 ..... Stepped Shaft
HM606 ..... Shaft
HM608 ..... Spacer
HL615 ..... Ball Bearing
HM654 ..... E Ring
HM656 ..... Snap Ring
HM658 ..... Spring Pin
HM660 ..... Spring Pin
HM700 ..... 6-Sidad Knife
HM722 ..... Undulated Washer
HM724 ..... Washer
HM1726 ..... Cover Plate
HM403 ..... Finger Guard
HM554 ..... Knob Screw

SHARPENING MECHANISM

HM508 ..... Stepped Screw
HM510 ..... Flat Head Screw
HM528 ..... Push Button
HM602 ..... Stepped Shaft
HM620 ..... Spring
HM688Z ..... Sharpening Stone-Medium (Standard)
HM1688Z ..... Sharpening Stone-Fine (Option)

LUBRICATING MECHANISM

HM616 ..... Spring
HM680 ..... Oil Pad

MOTOR PARTS

HM412A ..... Insulator
HM416 ..... Coupling
HM500 ..... Allen Screw
HM758Z ... Carbon Brush Complete
HM762C ..... Motor (110V)Complete
HM758Z ... Carbon Brush Complete
HM770C ..... Motor (220V) Complete
HM758Z ... Carbon Brush Complete

MICRON SYSTEM FEET

HM402R ..... Base
HM512 ..... Screw for Base
HM516 ..... Truss Head Screw
HM706R ..... Cutting Tip (base)
HM719A ..... Spring Plate

FRAME & SWITCH

HM407 ..... Frame
HM409Z ..... Switch Cover
HM502A ..... Socket Screw
HM720A ..... Spring Plate

HOLDER & ITS ACCESSORIES

HM410 ..... Cord Cover
HM414 ..... Holder
HM420 ..... Crip
HM530 ..... Flat Head Screw
HM531 ..... Round Head Screw
HM532 ..... Round Head Screw
HM534 ..... Nut
HM694 ..... Terminal
HM776 ..... Cord (220V) 3 wire
HM775 ..... Cord (110V) 3 pin(UL)
HM1766 ..... Micro Switch
HM768 ..... Coundenser

KNIVES (Standard)

HM700 ..... 6-Sided Knife (Mounted with Cutter)

ACCESSORIES

HM676 ..... Wrench

INSTRUCTION

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.The following are the operating instructions for your Cutter.

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 (HM429A or HM409Z) 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 3-wire electric cord (HM774,HM775).

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 (HM528) just enough for sharpening stone (HM688Z) 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) Felt oiler (HM680) behind knife - Requires oil only when cutting plastics or the materials which is apt to adhere to knife.
(b) Gears (HM450 & HM452A) - In case Cutter uses daily,grease gears each week with grease through bushing located in back of gear housing (HM400Z)
(c) Motor ball bearings (HM615) - Grease every 12 months in case Cutter is in regular use.Remove old grease with cleaning fluid.

Change knife:
Insert 3mm Pin into hole in knife. Unscrew knife lock screw (HM504) with coin.Tip over Cutter and push out the knife with finger.

Replace the worn knife and also the counter cutting blade (HM729A), if necessary. Lock knife with knife lock screw and rest 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 (HM508) to take out sharpening mechanism. Remove sharpening stone (HM688Z) from stepped shaft (HM602) by unscrewing flat head screw (HM510) and put in new sharpening stone.
Remove compression spring (HM620) by unscrewing push button (HM528) on stepped shaft. Replace sharpening mechanism into gear housing (HM400AZ), 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 (HM758Z) every 200 hours of use.
Using Screw driver remove the three screws (HM502A) from the frame (HM406 or HM407). Slide off the frame.
Then remove the screw from the exposed motor and replace the old carbon brushes with new ones.

Cutting base:
(a) For Synchrom system cutting base Unscrew (HM548) and remove the Base plate (HM426A). Then the Cutting foot (HM424) with counter blade (HM550, HM728 & 729A) will handle the different type of materials.
(b) For Micron system cutting feet Remove the base (HM402R) by removing flat head screw (HM501) that locks the base in place. Pull the base downward and off the pin.

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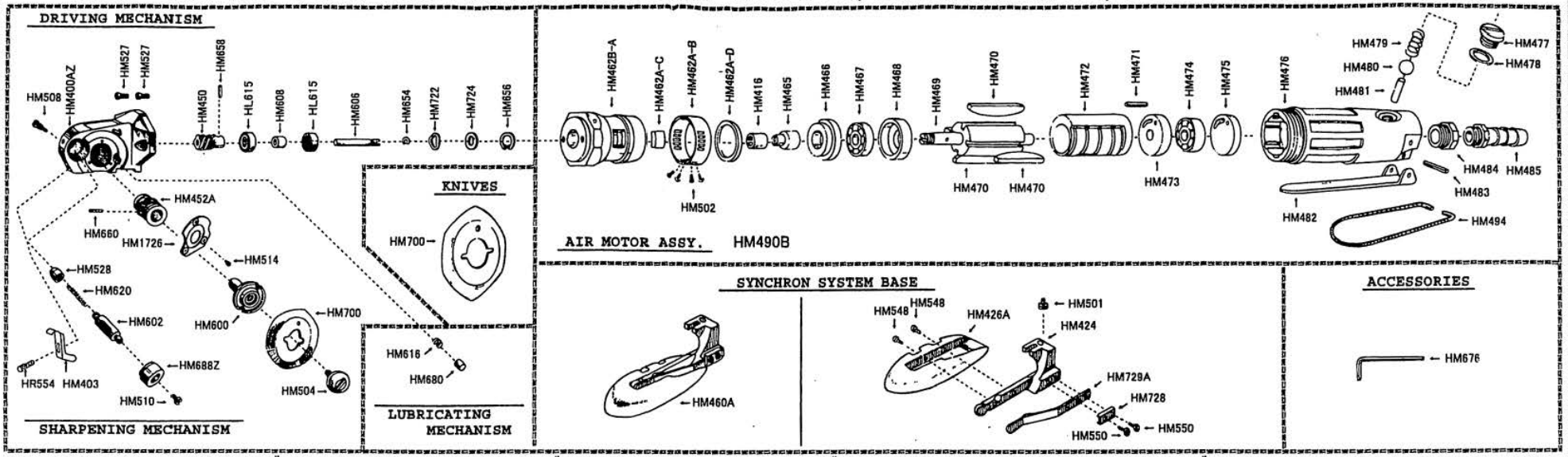

DRIVING MECHANISM

HM400AZ ····· Gear Housing
HM450 ····· Worm
HM452A ····· Worm Wheel
HM527 ····· Allen Screw
HM504 ····· Knife Lock Screw
HM508 ····· Stepped Screw
HM514 ····· Fillster Head Screw
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HM608 ····· Spacer
HL615 ····· Ball Bearing
HM654 ····· E Ring
HM656 ····· Snap Ring
HM658 ····· Spring Pin
HM660 ····· Spring Pin
HM700 ····· 6-Sided Knife
HM722 ····· Undulated Washer
HM724 ····· Washer
HM1726 ····· Cover Plate Complete
HM440A ····· Worm Wheel Assy.
HM403 ····· Finger Guard
HR554 ····· Knob Screw

SHARPENING MECHANISM

HM510 ····· Flat Head Screw
HM528 ····· Push Button
HM602 ····· Stepped Shaft
HM620 ····· Spring
HM688Z ·· Sharpening Stone Complete
HM444 ····· Sharpener Assy.

KNIVES

HM700 ····· 6-Sided Knife

AIR MOTOR ASSY.

HM462B-A ····· Connector
HM462A-B ····· Silencer
HM462A-C ····· Filter C
HM462A-D ····· Filter D
HM416 ····· Coupling
HM465 ····· Nut
HM466 ····· Guide Plate
HM467 ····· Ball Bearing
HM468 ····· Front Bracket
HM469 ····· Rotor
HM470 ····· Vane
HM471 ····· Spring Pin
HM472 ····· Cylinder
HM473 ····· Rear Bracket
HM474 ····· Ball Bearing
HM475 ····· End Plate
HM476 ····· Motor Case
HM477 ····· Valve Screw
HM478 ····· Packing
HM479 ····· Spring
HM480 ····· Ball
HM481 ····· Valve Pin
HM482 ····· Throttle Lever
HM483 ····· Spring Pin
HM484 ····· Air Inlet Joint (P.T.1/4)
HM485 ····· Air Inlet
HM494 ····· Hanger Hook
HM490B ····· Air motor assy.
HM502 ····· Socket Screw

LUBRICATING MECHANISM

HM616 ····· Spring
HM680 ····· Oil Pad

SYNCHRON SYSTEM BASE

HM424 ····· Cutting Foot
HM426A ····· Base Plate
HM501 ····· Flat Head Screw
HM548 ····· Round Head Screw
HM550 ····· Flat Head Screw
HM728 ····· Plate
HM729A ····· Counter Blade Complete
HM460A ····· Synchron base assy.

ACCESSORIES

HM676 ····· Wrench

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