

Maimín Technology 2915 Courtyards Dr., Bldg. B Norcross, GA 30071 USA

PARTS LIST

<u> -</u>	TILL	LILUI
PART NUMBER		DESCRIPTION
LG1-103-1		Flow Ring
LG1R-23		Low Profile Concentric Flange
04688917		Mounting Head
04688907		Mounting Flange
04688891		Driver
LG1-46		Clamp Spacer
LG1-29		Flange Clamp
LG1-24		Front Rotor Bearing
LG1-32		Front Seal Cup
DG10-65-5		Front End Plate Spacer
LG1-11		Front End Plate
LG1-A400		Locking Throttle Lever Assembly
LG1-303		Throttle Valve Seat
AG210-302	*	Throttle Valve
7L-51		Throttle Valve Spring
LG1-300A		Throttle Valve Case
LG1-592		Throttle Valve Spring Set
61H-120		Throttle Lever Pin
R1602-61		Inlet Screen
85H-167		Inlet Seal
46328		Bail
LG1-A465A		Inlet Assembly
LG1-40		Motor Housing
LG1-191		Throttle Valve Plunger
LG1-53-5		Rotor
LG1-118		Rear Rotor Bearing Retainer
DG20-278		Rear Rotor Bearing Spacer (2)
DG230-22		Rear Rotor Bearing
LG1-42-5		Vane Packet (Set of 5 Vanes)

PARTS NOT ILLUSTRATED

PART NUMBER	DESCRIPTION
10489	Coupling
10490	Connector
10491	Aircoils

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MINI-SHERE AIR MOTOR INSTRUCTIONS

- 1. To Connect. The Air Motor must be connected to a line using clean, dry air. It is strongly recommended that a Pressure Regulator with Filter and Lubricator be used in the air line. This device ensures that the air is properly filtered, the air pressure is properly regulated, and adequate lubrication is available. It will greatly reduce maintenance and wear of the motor.
- 2. Motor Characteristics.

Air Pressure:

Air Required:

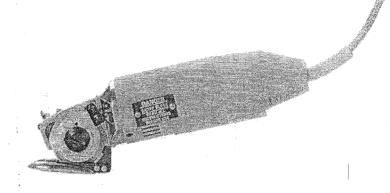
90 psi (6 Kg/cm²)

9.3 cu. ft./min. (250 Liters/min.)

Speed: 25,000 rpm

3. To Lubricate. The pressure Regulator with Filter and Lubricator will automatically deliver the correct amount of lubrication to the moving parts. If this device is not used, put a few drops of high grade 10 weight oil (1.7 - 3.3 E/50 C) into the throttle every 4 - 5 hours of

MAIMIN MINI-SHERE INSTRUCTIONS & PARTS LIST



. DESCRIPTION

1-1 GENERAL

The Maimin Mini-Shere electric shears is a compact, efficient tool for easily cutting various materials. The Mini-Shere uses a hexagonal knife with either a baseplate or a cutting guide for different cutting purposes as listed below. Lubrication by the rear felt (10390) behind the knife greatly increases life of the gear retainer (10313) and improves the cutting action.

1-2 KNIFE

The hexagonal knife (30312) is excellent for cutting all materials such as cloth, synthetics, leather, and plastics.

1-3 BASEPLATE/CUTTING GUIDE

- The baseplate (10345) is used for general cutting.
- b) The cutting guide (10340) is used for trimming, angle cutting, and slitting or cutting knitwear.

II. OPERATION

2-1 TO START

Connect male plug at end of power supply cable to electrical outlet of same voltage as stamped on nameplate. To operate machine, press switch lever (10411). Release lever to stop machine.

The Mini-Shere is double-insulated and requires no grounding. Therefore, it comes equipped with only a two wire electrical cord. The Stretch Mini-Shere is equipped with a three wire electrical cord as it is not double-insulated and must be grounded to the proper electrical outlet.

2-2 TO CUT

Maximum cutting height is 5/16" (8mm) but lays should be no higher than machine can cut without strain.

2-3 TO SHARPEN KNIFE

Press sharpèner (10370) lightly for sharpener stone (10378) to grind rotating knife. Always keep knife sharp for clean, accurate cutting.

III. CARE & MAINTNANCE

3-1 MAINTENANCE SCHEDULE

- a) Daily: Use Mini-Shere oil (10442) to saturate rear felt (10390) whose oil hole is marked in back of gear case (10306).
- b) Weekly: Grease gears with Mini-Shere grease. Grease hole is in back of gear case(10306).
- Monthly: Blow out air inlets and outlets of motor. Always keep Mini-Shere free of dirt and grease.

3-2 TO CHANGE KNIFE

Turn knife until its hole is opposite recess for sharpener, and insert a hex key into hole. Unscrew knife lock screw (10433) with screw driver. Lift knife out. Slip new knife between counter-cutting blade (10341) and cutting guide (10340), and seat it firmly on shoulder of gear (10310). Lock knife with knife lock screw. Clean cutting requires countercutting blade brush only edge of knife.

3-3 TO CONVERT BASEPLATE TO CUTTING GUIDE To expose the cutting guide (10340), remove the baseplate (10345) by unscrewing the two screws (10347) holding the baseplate to the cutting guide. Be careful to keep the two screws with the baseplate for reassembly later if desired.

3-4 TO CHANGE SHARPENING STONE

Remove knife then sharpening stone (10378) from shaft by unscrewing stone screw (10373). Insert new sharpening stone, and reassemble.

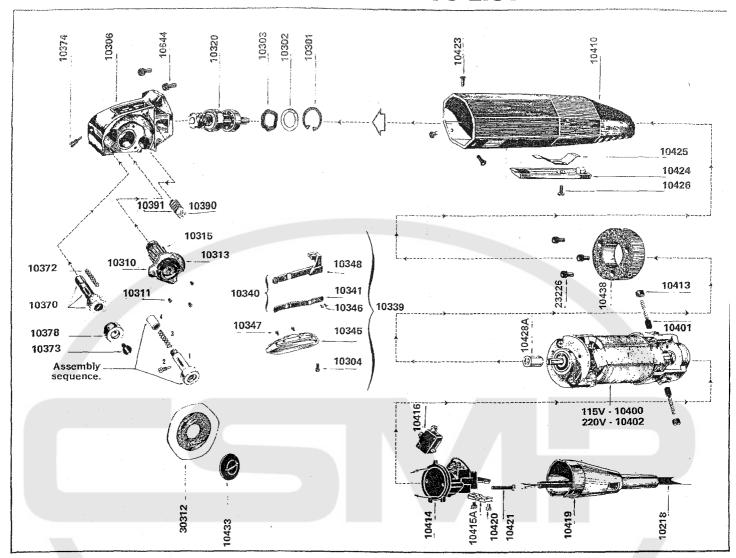
3-5 TO CHANGE CARBON BRUSHES

Check carbon brushes (10401) after 200 hours use. Using screwdriver, remove the three Screws (10423) holding motor case (10410). Slide off motor case. Remove brush caps (10413) from the exposed motor, and replace old carbon brushes.

CAUTION: Disconnet machine from electrical outlet before making adjustments or repairs!

SEE OTHER SIDE FOR PARTS LIST

MINI-SHERE PARTS LIST



Part No.	Description
10010	Power Supply Cable
10210	Motor Bearing Front
10250	Motor Bearing Back
10301	Retaining ring
10302	Washer
10303	Undulated Washer
10304	Screw, M4 X 8 Cap
10306	Gear Case
10310	Gear Assembly
10311	Screw, M2.6 X 3
	Gear Retainer
10315	Gear Only
10320	Worm Assembly
10324	Rollpin 2 X 10
10325	Retaining Ring
10339	. Cutting Guide Assembly
10340	Cutting Guide w/Blade
10341	Counter Cutting Blade
10345	Baseplate
	Screw, M2.6 X 3
10347	Screw, M3 x 6
10348	Cutting Guide Only
10349	Clamp (Not Shown)
10370	Sharpener Assembly

10372	Spring
	Stone Screw
10374	Shaft Screw
	Сар
10378	Sharpening Stone
	Rear felt
10391	Spring
10400	Motor Assembly 110V
10401	Carbon Brush, Each
10402	Motor Assembly 220V
10410	Motor Case
10411	Switch Lever
	Brush Cap
	Holder Only
	Clip
	Switch
10419	Sheath
	Screw 4 X 5/16
	Screw 3 X1-1/16
10423	Screw M3 X 8
10425	Spring
	Screw M3 X 4
	Shaft Coupling
10433	Knife Lock Screw
10438	Disc
10441	Hex Key M3
	in in its

1044310644	OilGrease Screw M4 X 10 Cap Hexagonal Blade	
Stretch Minishere		

10328	Motor Adapter Flange
10329	Gear Case Adaptor Flange
10331	Motor Shaft
10333	Screw (Switch Box)
10334	Grip
10336D	Motor Shaft Housing Assembly
10352	Screw, Socket, Cone Pt.
10361	Switch Box
10362	Switch Box Bracket
10407B	Motor Assembly 110V
10409B	Motor Assembly 220V
10428A	Coupling
10717A	Switch
824T	Screw (Switch Box Bracket)

