

MAXISAW MX370 / MX370VS CIRCULAR COLD SAW

OWNER'S MANUAL (PARTS LIST, OPERATION INSTRUCTION)

Model MX 370 220 or 440 volt 3 phase 54 RPM.....	standard
Double grip quick action mechanical vice.....	standard
Direct drive double sealed gear box.....	standard
90 degree left and right turn table	standard
Arbor size adapter 40 mm and 32 mm	standard
Heavy duty cabinet base with circulating coolant system.....	standard
Overload protection switch for motor.....	standard
Overload protection switch for coolant pump	standard
Mushroom button emergency stop.....	standard
Working surface washing system with coolant	standard
Machine mounting brackets	standard
1 blade 370x3.0x40	included
1 gallon coolant	included
1 set of Allen wrenches	included
Grease gun	included
Variable speed control from 20 to 108 rpm	optional
Second double grip quick action vice	optional
Top clamping system	optional
Counter	optional
Ball bearing guides.....	optional
Leveling machinery mounts.....	optional

For sale and service call (866) 919-MAXI (6294) or visit www.maxisaw.com

MAXISAW MX370 / MX370VS ELECTRICAL SYSTEM

Model	MX370	MX370VS
Speed	Single	Variable
Blade speed	54 RPM	20 to 108 RPM
Motor HP at 54 RPM	4	4
Power consumption	3 KW	3 KW
Voltage	220/440 3 phase 220 single phase*	220/440 3 phase 220 single phase

* Heavy duty phase converter required

Both models equipped with overload protection switch and emergency stop switch (mushroom knob: push to stop, twist to reset).

NOTE: After an emergency stop of the variable speed machine, the main switch must be turned off for at least a 20 seconds stabilizing period.

Electrical Connections

14 gauge wiring: 3 phase: 4 conductor Single phase: 3 conductor. Cable should be oil resistant. Wires must be tightly secured in plug and 3 phase must be properly color coded or main motor and/or coolant pump direction will be reversed; to correct, interchange two of the three hot lines, e.g. black-white or black-red); do not disconnect green ground wire.

To test motor

Turn on main switch (normally kept on during working hours). Make sure emergency knob is on (out): if not twist knob to reset. To run blade and coolant rotate run switch to MACHINE RUN. To run coolant only for working surface cleanup, rotate run switch to COOLANT RUN.

To test emergency stop switch

Turn machine on and push in the emergency knob: machine should stop immediately and the knob should stay latched in the off position.

To reset overload switch, open front panel by actuating the two black side knobs clockwise: reset main overload switch (black knob in vertical position) the close front panel by pushing it firmly in place then lock in place by turning the block knobs counter-clockwise.

Technical Assistance

For further technical assistance, please contact (866) 919-MAXI or email us at info@maxisaw.com