



SILICA-GEM
Minerals-Fossils-Gemstones

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AUTOMATIC CABACHON MACHINE INSTRUCTIONS

1. OPERATING:

- THERE ARE FOUR DIFFERENT SIZES OF PAWNS. WHILE STICKING THE STONES TO THE PAWNS, YOU HAVE TO CHOOSE THE STICKING SURFACE OF THE PAWN TO BE SMALLER THAN THE LAST DETERMINED SHAPE OF THE STONE THAT WOULD BE PROCESSED. OTHERWISE YOU MAKE YOUR PAWN SMALLER UNWILLINGLY. SMALL STONES SHOULD BE USED WITH SMALL PAWNS, AND BIG STONES SHOULD BE USED WITH BIG PAWNS. RAPID SPRAY GLUE SHOULD BE USED FOR FIXING THE STONE. THE GLUE IS APPLIED ON THE STONE AS THE PAWN BRIMS OVER, AND THE STONE IS ATTACHED BY COMPRESSING GENTLY ON THE PAWN, AND IS FIXED BY SPRAY. PAWN IS HEATED TO DETACH THE STONE.

- WHILE PROCESSING SQUARE, TRIANGLE AND BAKLAVA SHAPED STONES, PAWN MOVEMENT ENGINE SHOULD NOT BE OPERATED.

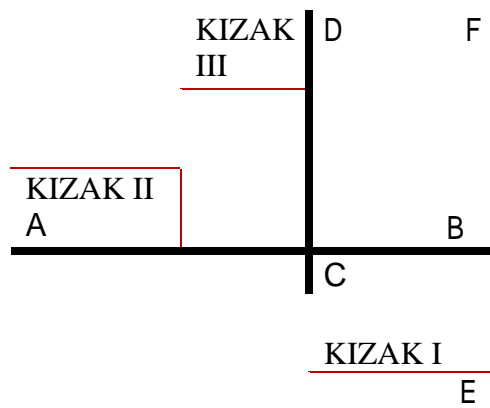
- SMALL STONES SHOULD BE PROCESSED BY THE OUTER SIDE OF THE LAP, AND BIG STONES SHOULD BE PROCESSED BY THE INNER SIDE OF THE LAP.

2. ADJUSTMENT SLEDGES:

NO I SLEDGE THE BIGGEST SLEDGE OF THE MACHINE. IT MOVES TOWARDS E-F DIRECTION. IT PROVIDES WORKING WITH DIFFERENT SIZES OF LAPS. IF THE SLEDGE IS MOVED ALONG F DIRECTION, STONE CAN BE PROCESSED NEAR THE CENTER (SMALL CIRCLE) OF THE LAP.

NO II SLEDGE IT MOVES TOWARDS A-B DIRECTION, AND ADJUSTS THE SIZE OF THE STONE. IF IT MOVES TOWARDS B DIRECTION, THE SIZE OF THE STONE BECOMES SMALLER.

NO III SLEDGE IT MOVES TOWARDS C-D DIRECTION PARALLEL TO NO I SLEDGE, AND IT ADJUSTS THE HEIGHT OF THE STONE. IF IT MOVES TOWARDS D DIRECTION, THE BUMP (HEIGHT) OF THE STONE BECOMES SMALLER. IN CASE OF SERIAL PRODUCTION, THE SET SCREWS OF ALL SLEDGES MUST BE FIXED.



3. IMPORTANT:

- THE MORE STONES ARE PROCESSED CLOSER TO THE DESIRED SHAPE, THE MORE PRODUCTION IS FAST. THIS WILL ALSO PROLONG THE LAP DISC'S LIFE LONGER.
- THE HEAD ON WHICH THE PAWN IS ATTACHED, SHOULD BE PUT GENTLY ON THE LAP BEFORE STARTING OPERATING.
- WHILE MAKING THE FIRST ADJUSTMENTS, THE CLAW ON THE PAWNS AND THE LONGER AXIS OF THE STONE SHOULD BE GLUED PROPERLY, AND WHILE THE PAWN IS BEING ATTACHED TO THE MACHINE, THE GAUGE AND THE PAWN STONE SHOULD BE ON THE SAME AXIS.

4. GENERAL FEATURES

- THE MACHINE OPERATES WITH 220V 50HZ MONOPHASE ELECTRICITY.
- THE PAWN ENGINE OPERATES WITH 12-24V DC CURRENT. PLEASE CALL +90 232 4897739 IN ANY CASE OF MALFUNCTION WITHOUT INTERFERING.
- RELATED TO LONG TERMS OF OPERATION, NOTE THAT BLEED PORT ON THE MACHINE PLATFORM IS NOT BLOCKED.
- CHECK THE MACHINE'S COOLING LIQUID TANK, AND WIPE OUT THE MUD ACCUMULATED ON THE BASE OF IT PERIODICALLY.
- THERE IS A STANDART 60 GRID DISC IN THE MACHINE. FINER GRAINED DISCS SHOULD BE USED FOR VERY DELICATE STONES.
- WATER IS USED AS COOLING LIQUID IN THE MACHINE, HOWEVER GRINDING LIQUID IS ADDED FOR PREVENTING RUST. BORON OIL CAN ALSO BE USED.

- THE MACHINE HAS ONE MAIN SWITCH. THIS PROVIDES NOT ONLY ELECTRICITY FOR THE MACHINE, BUT ALSO TO CUT OFF ALL THE ENERGY.
- ONE OF THE OTHER SWITCHES TURNS ON AND OFF THE PAWN OPERATING ENGINE AND THE LIQUID RECIRCULATION, WHILE THE OTHER TURNS ON AND OFF THE LAP ENGINE.

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