

User Manual

Electric Cutting Machine

SKC-42



PART LIST

CUTTING MACHINE NO.SKC-42

1. CYLINDER INSIDE DIAMETER 200 MM. OUTSIDE DIAMETER 230 MM.
LENGTH 102 MM. (1 PCS)
2. PISTON DIAMETER 75 MM. LENGTH 247 MM. (1 PCS)
3. OIL SEAL RS 75 - 85 MM. (1 PCS)
4. OIL SEAL RSS 180 - 200 MM. (1 PCS)
5. WIPER SEAL RSW 75 MM. (1 PCS)
6. O-RING 190 x 5 MM. (1 PCS)
7. GRINDING TAPE THICKNESS 2.5 x WIDTH 1.5 x LENGTH 243 MM. (2 PCS)
8. GRINDING TAPE THICKNESS 2.5 x WIDTH 1.5 x LENGTH 620 MM. (1 PCS)
9. OIL PUMP TYPE 2D16 AC-GAS, HIGH PRESSURE MARZOCCHI BRAND,
ITALY. (1 PCS)
10. DIRECTIONAL CONTROL VALVE TYPE DMT-03-3C60 HYDROMECH

CUTTING MACHINE NO.SKC-42

32 mm. CAN BE CUT 1 PCS (SD50) AT A TIME

26 mm. CAN BE CUT 1 PCS (SD50) AT A TIME

20 mm. CAN BE CUT 2 PCS (SD50) AT A TIME

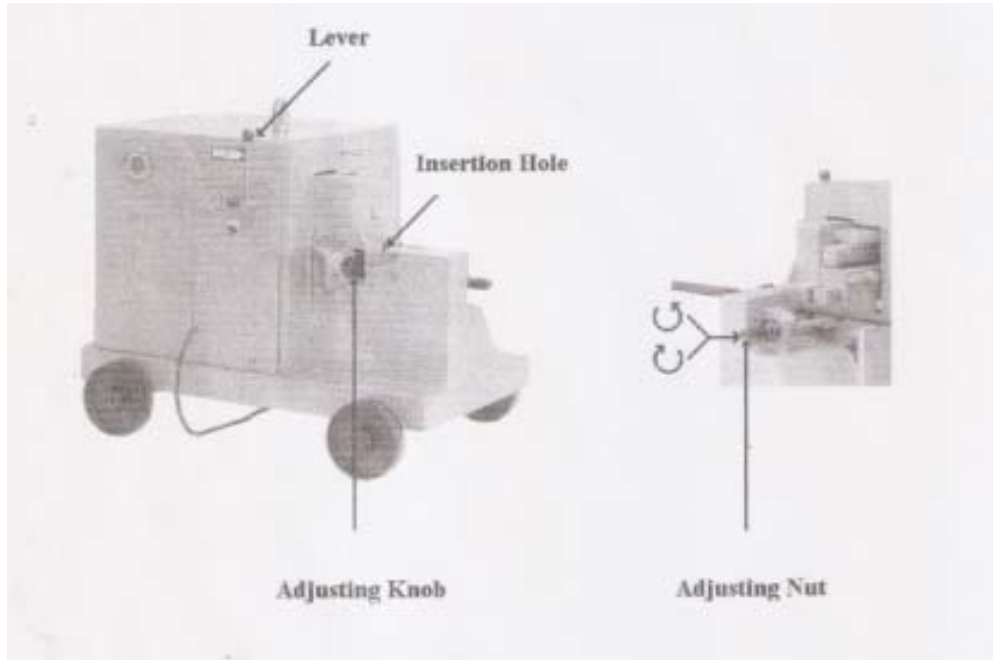
16 mm. CAN BE CUT 4 PCS (SD50) AT A TIME

12 mm. CAN BE CUT 6 PCS (SD50) AT A TIME

INSTRUCTION MANUAL

ELECTRIC CUTTING MACHINE MODEL NO.SKC-42

HOW TO OPERATE



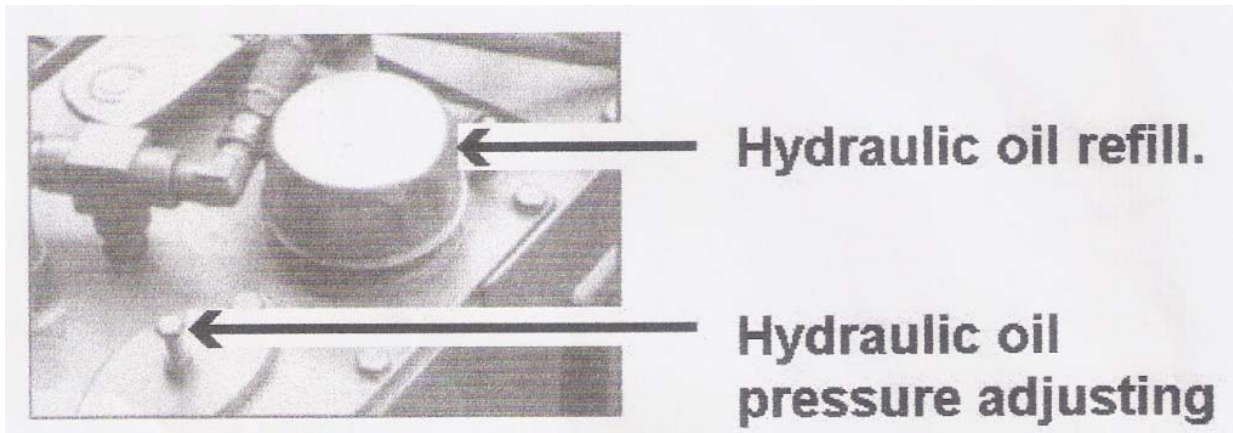
1. CONNECT ELECTRIC WIRE TO BREAKER SWITCH
2. IN CASE OF 3 PHASES MOTOR 380V. TURN SWITCH TO "ON" POSITION AND CHECK IF MOTOR ROTATES TO CORRECT DIRECTION AS SPECIFIED AT THE REAR OF MOTOR, IF MOTOR ROTATES TO WRONG DIRECTION, TURN SWITCH TO "OFF" POSITION AND CONVERT ELECTRIC WIRE AT BREAKER SWITCH, TURN SWITCH TO "ON" POSITION AGAIN, MOTOR NOW ROTATES TO CORRECT DIRECTION.
3. FOR CONVENIENCE IN WORKING. PREPARE TABLES FOR THE FRONT AND REAR OF THE MACHINE WITH THE HEIGHT EQUAL TO THE INSERTING HOLE FOR STEEL BAR.
4. TO TEST CUTTING WITHOUT INSERTING STEEL BAR, MOVE LEVER TO "CUT" AND HOLD ON THE LEVER UNTIL THE BLADE MOVE TO TOUCH ANOTHER BLADE AND RELEASE THE LEVER AND THEN TEST CUTTING BY INSERTING STEEL BAR TO CUT.
5. INSERTION HOLE CAN BE ADJUSTED TO SUIT THE DIAMETER OF STEEL BAR BY TURNING ADJUSTING BOLT.

6. TO ADJUST FOR SMALLER STEEL BAR, TURN THE ADJUSTING BOLT CLOCKWISE.
7. TO ADJUST FOR BIGGER STEEL BAR, TURN THE ADJUSTING BOLT ANTI-CLOCKWISE.
8. TURN ADJUSTING NUT CLOSE TO STEEL BAR.
9. FOR SMALL STEEL BAR, THE MACHINE CAN CUT 2 OR 3 BARS AT ONE TIME.

ELECTRIC CUTTING MACHINE, AFTER A LONG PERIOD OF USING, HYDRAULIC OIL PRESSURE MAY DROP,

TO ADJUST TO REQUIRED PRESSURE:

1. LOOSEN THE LOWER NUT.
2. TURN UPPER NUT CLOCK-WISE SLIGHTLY MORE OR LESS 1/8 CIRCLE OR UNTIL IT IS TIGHT.
3. TIGHTEN THE LOWER NUT.





-GREEN SWITCH IS FOR TURNING ON THE MACHINE AND RED SWITCH IS FOR TURNING OFF THE MACHINE

-GREEN LIGHT WILL SHOW WHILE THE MACHINE IS RUNNING.

-RED LIGHT WILL SHOW WHEN THE MACHINE STOPS RUNNING BECAUSE OF ELECTRICAL PROBLEM. IF THE MACHINE STOPS WITHOUT THE RED LIGHT ON, IT MEANS THERE IS A MECHANICAL PROBLEM OCCURS.

HOW TO CONNECT ELECTRIC WIRE TO BAR CUTTING AND BAR BENDING MACHIN.

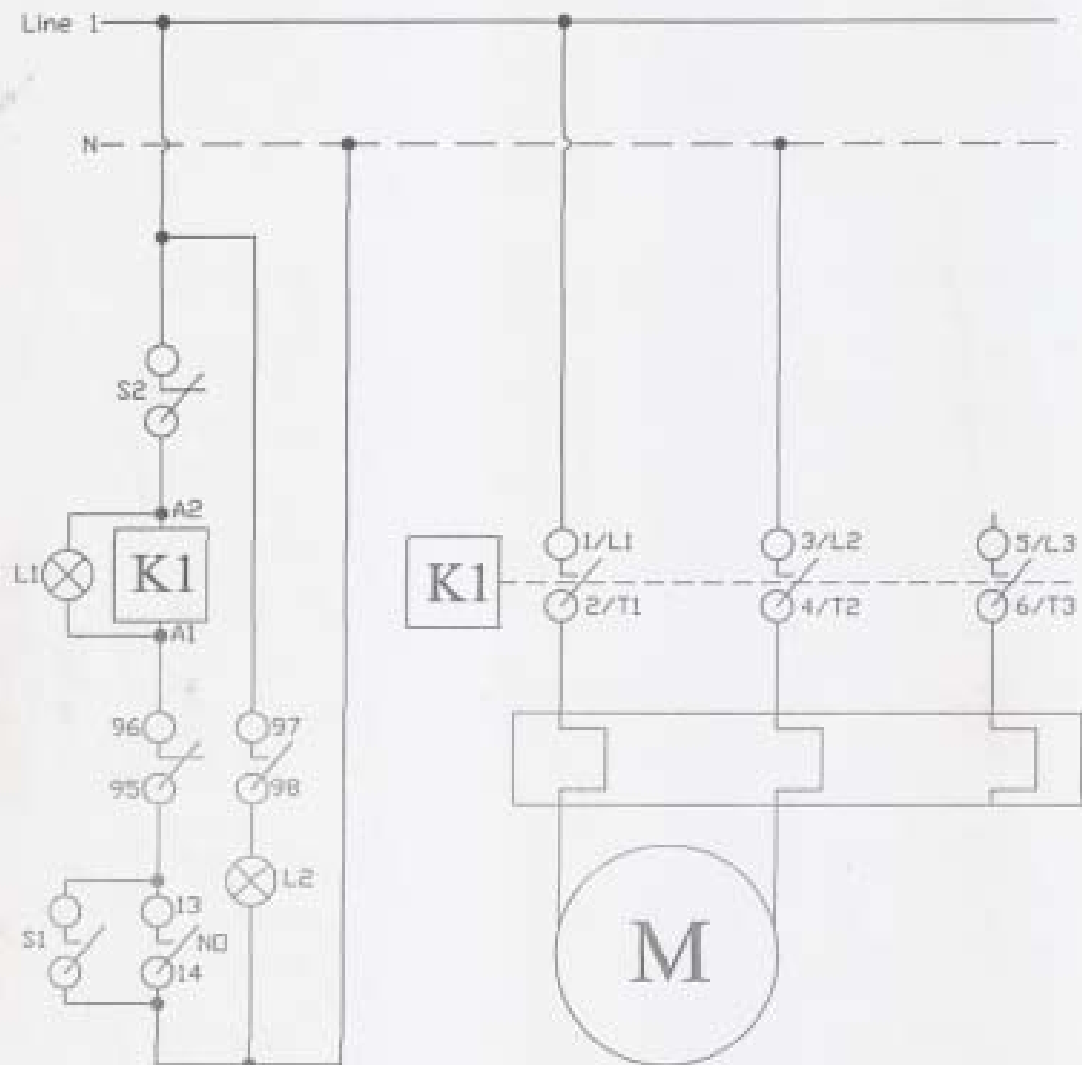
1. SINGLE PHASE (220 V) / 2 HP MOTOR

- If connecting electric wire number 2.5x2 to 25-30A breaker. Length of electric wire from breaker to machine must not be longer than 3.5 meters.
- If connecting electric wire number 3x2 to 25-30A breaker. Length of electric wire from breaker to machine must be between 4-10 meters.
- If connecting electric wire number 4x2 to 25-30A breaker. Length of electric wire from breaker to machine must be between 10-20 meters.
- If connecting electric wire number 6x2 to 25-30A breaker. Length of electric wire from breaker to machine must be between 20-100 meters.

2. THREE PHASES (380 V) / 3 HP MOTOR

- If connecting electric wire number 2.5x3 to 25-30A breaker. Length of electric wire from breaker to machine must not be longer than 3.5 meters.
- If connecting electric wire number 3x3 to 25-30A breaker. Length of electric wire from breaker to machine must be between 4-10 meters.
- If connecting electric wire number 4x3 to 25-30A breaker. Length of electric wire from breaker to machine must be between 10-20 meters.
- If connecting electric wire number 6x3 to 25-30A breaker. Length of electric wire from breaker to machine must be between 20-100 meters.

CONTROL



S1- GREEN SWITCH
S2- RED SWITCH

L1- GREEN LAMP
L2- RED LAMP

A1,A2 = 220 VAC. 50,60 Hz
SINGLE PHASE