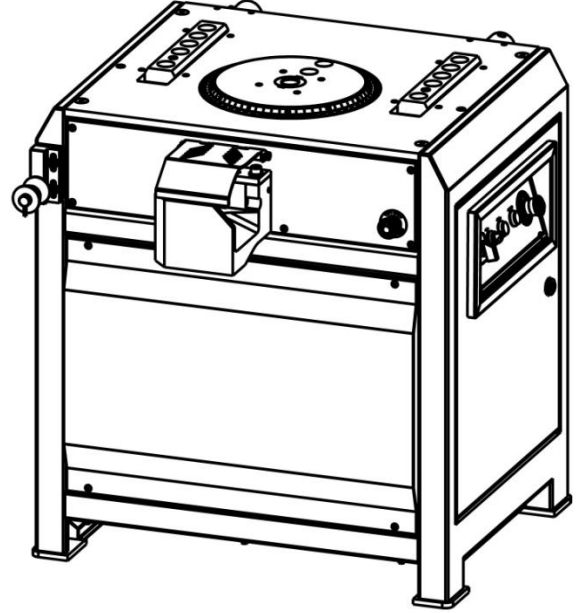
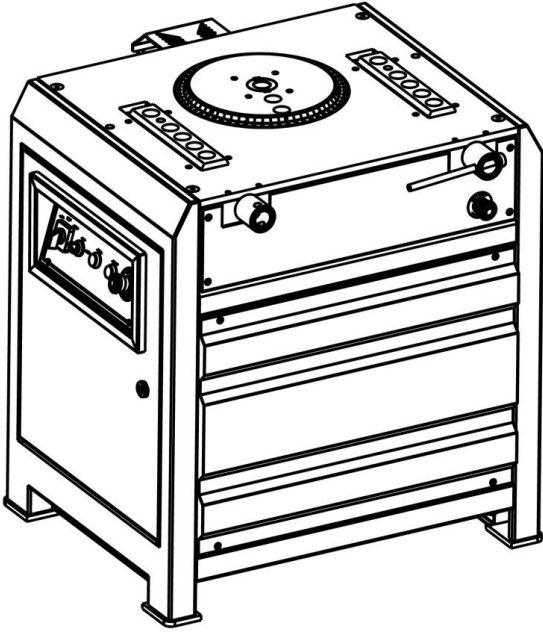
 GÖÇMAKSAN	Machine Name:	COMBINED IRON CUTTING AND BENDING MACHINE (USERS GUIDE)	Date	18.10.2011
	Machine Type:	CBX 30	Page No	26



CBX 30 UNIVERSAL IRON CUTTING AND BENDING MACHINE

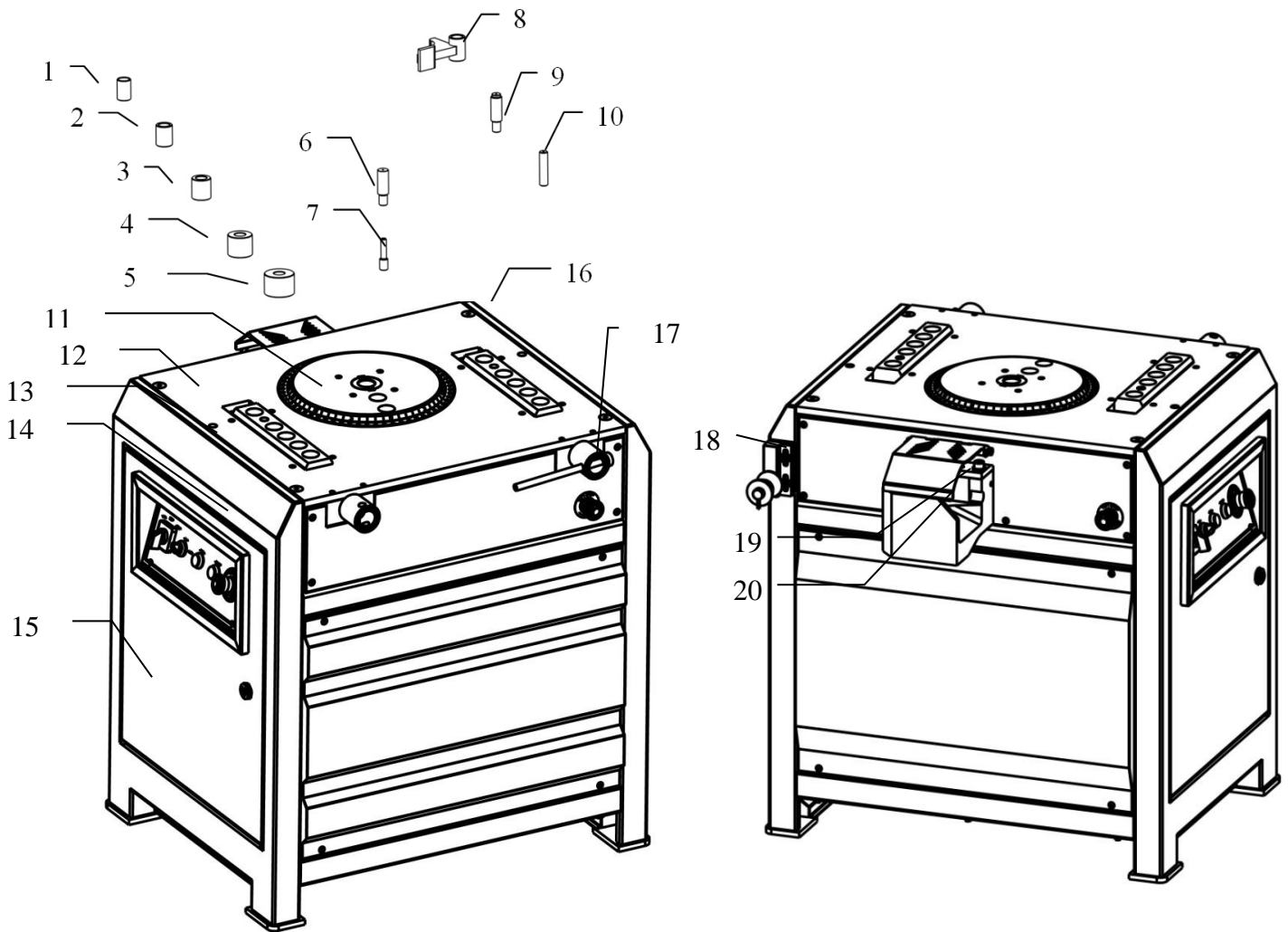
OPERATING AND MAINTENANCE GUIDE



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GENERAL



NO	PART'S NAME	NO	PART'S NAME
1	Ø60 mm Bending sleeve	11	Bending Flange
2	Ø70 mm Bending sleeve	12	Upper Frame
3	Ø80 mm Bending sleeve	13	Lifting Hook
4	Ø90 mm Bending sleeve	14	Control Panel
5	Ø100 mm Bending sleeve	15	Electricity panel
6	Straight pin	16	Bending Plates
7	Stirrup Pin	17	Adjustment spanner
8	Retainer	18	Iron Leading Support roller
9	Headed pin	19	Fixed Tool Cutter
10	Pin	20	Sliding tool cutter

CBX 30 Combined Iron Cutting and Bending Machine is made only for steel material bending and cutting purposes. Using other than the indicated purposes are prohibited. It is possible to mount various apparatuses on the machine optionally for bending in different shapes.

In order to obtain the best yield from the machine it should be in a situation so that it can be worked easily and in a position that more productivity might be obtained from the operator. Because of this the location where the machine is operated should be close to the iron stocks. Besides, it shall be more useful to cover top of the location where the machine is

operated with a shelter. We suggest two workbenches to be located on two sides of the machine. Length of these workbenches should be as long as the longest iron that will be bended or cut. Since the operator will be able to work without turning, lifting any kind of iron, it will enable the operator to work more effectively.

Important Warning !!!

- User's and maintenance manuals must be read.
- Machine should be operated by instructed workers.
- When adjustments such as controlling, maintaining, lubing are being made electricity of the machine must be cut off.
- All of the explanations given under user's and maintenance manual must be complied.

1. MACHINE ASSEMBLY

1.1 Machine should be leveled on a solid ground. **Figure :1**

1.2 Electricity connection of the machine should be made by competent technicians.

Explanation:

Electricity Connection :

1.3 For main electricity connection plug should be connected to supply line with a 5x4 mm² isolated cable and then plugged into power outlet.

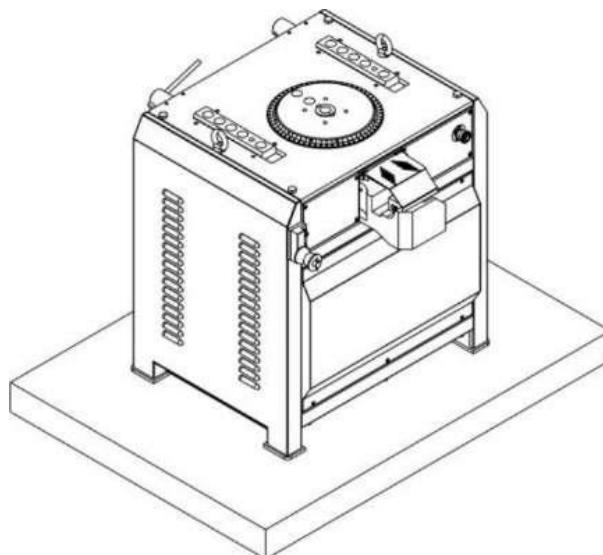
1.4 Grounding connection should be made for safety. Machine shouldn't be operated without making grounding connection.

Connection of grounding line:

The following procedures should be followed for this system.

Connect one end of the grounding to a copper wire (minimum 16 mm²) as it will enable electrical conductivity. The other end should be either connected with a pipe that has a conductivity capacity immersed into the ground (preferably into a humid ground) or the copper plate should be buried into the ground as much as deep.

FIGURE : 1



1.2. Machine Running Procedures Order

1.2.1 Be sure that the machine is assembled in conformance with the Machine Assembly procedures

If there is any object on the machine (including the bending apparatus) they must be removed.

1.2.2 LEFT STOP RIGHT switch on the control panel of the machine is turned to LEFT or RIGHT position, MAN AUTO switch is turned to MAN position and machine turning direction is confirmed by pressing on the foot pedal or the pedal button found on the panel.

Explanation: Rotation direction is approved by taking the front of the machine as reference (Control pane side) the clockwise as right and counter-clockwise as left. If the machine is rotating reverse of the switch it means phases of the electricity supply are feeding reversely. This situation doesn't effect the running system of the machine. In such case LEFT STOP RIGHT switch might be turned to the other side or competent electricians might change the directions of the phases.

After fixing the direction of rotation bending adjustments should start.

FIGURE : 2

2. TECHNICAL DATA

2.1. Machine Bending Capacity

Steel Quality	Diameter/Bending Capacity			
45 kg/mm ²	Ø 30x1	Ø 16x2	Ø 12x3	Ø 10x6
65 kg/mm ²	Ø 20x1	Ø 14x2	Ø 10x3	Ø 8x5
85 kg/mm ²	Ø 18x1	Ø 12x2	Ø 8x6	Ø 6x5

2.2. Machine Cutting Capacity

Machine Type: **CBX 30**

Machine Combined Cutting Bending

Pcs	Endurance of cut steel		
	45 kg/mm²	65 kg/mm²	85 kg/mm²
1	● Ø 30	● Ø 22	● Ø 18
2	● Ø 16	● Ø 12	● Ø 10
3	● Ø 10	● Ø 8	● Ø 6
1	● 20	● 16	● 12
1	● 14	● 12	● 10
2	● 40X10	● 30X 10	● 20X 8

Name: Iron And Machine

Machine Dimensions:

Width : 83 Cm
Length :92 Cm

Height : 85 Cm
Weight : 407 Kg
Sliding tool cutter :
Width : 50 mm
Length : 50 mm
Thickness : 15 mm

Specifications of Motor Used:

Motor power : 3 kW
Motor RPM : 1400 rpm
Motor Voltage : 380 V
Frequency : 50 Hz

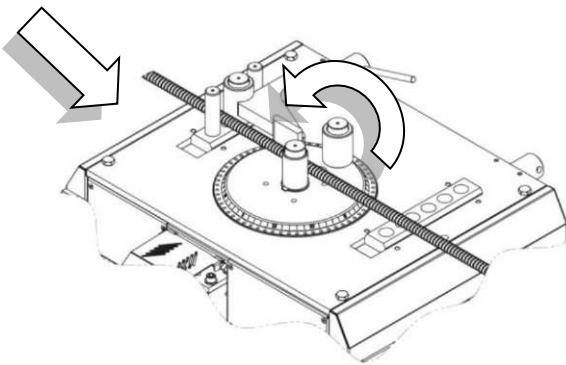
3. EQUIPMENT SUPPLIED WITH MACHINE

- Pin : 5 Pieces
- Stirrup Pin : 1 Piece
- Straight Pin : 1 Piece
- Bending Sleeve 5 Pieces
- SWITCH pin 6 pieces
- Retainer : 1 Piece

3.1. Connecting the irons on the machine correctly

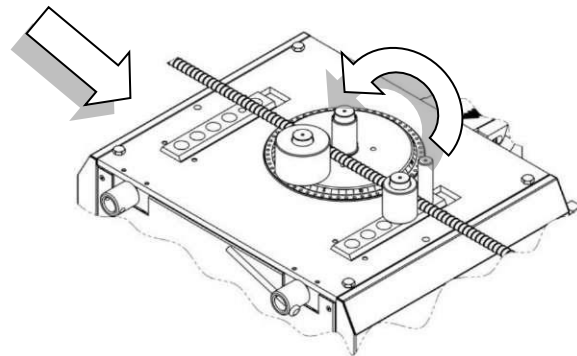
Fixing the iron to be bent on the machine with the help of retainer:

FIGURE : 3



Fixing the iron to be bent on the machine with the help of bending sleeves.

FIGURE : 4



Fixing the irons to be bent on the machine in multi-iron bending with the help of bending sleeves.

Fixing the irons to be bent on the machine in multi-iron bending with the help of retainer.

FIGURE : 5

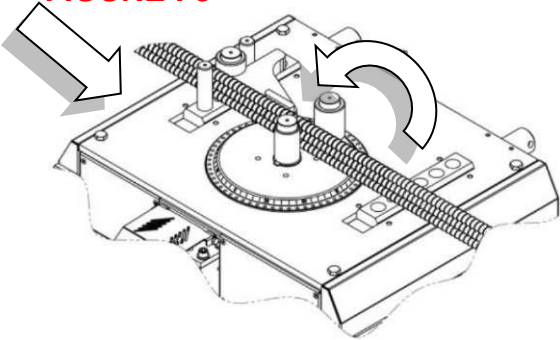
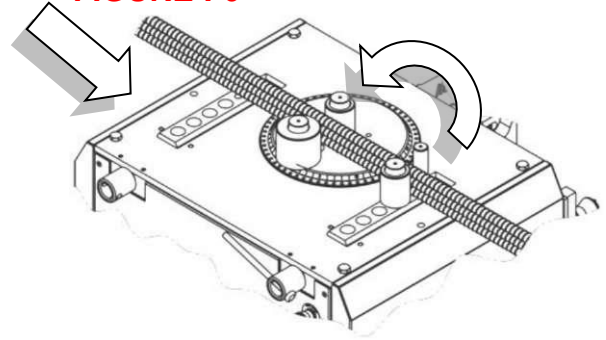


FIGURE : 6



3.2. Placing the irons on the machine incorrectly (Bending Mode)

Placing a single iron to be bent with bending sleeves incorrectly

Placing a single iron to be bent with retainer incorrectly

FIGURE : 7

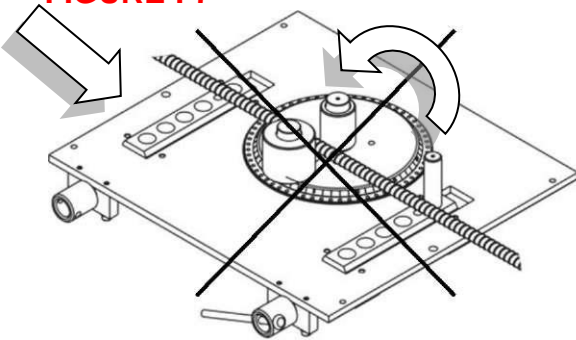


FIGURE : 8

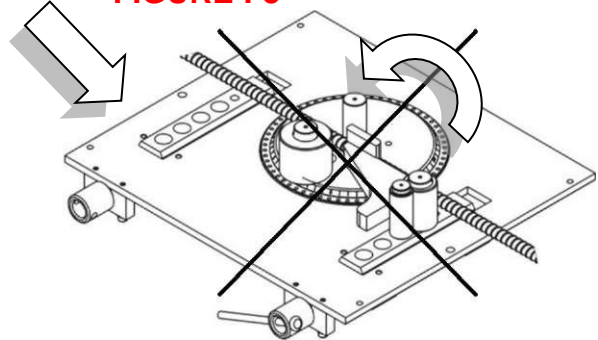


FIGURE : 9

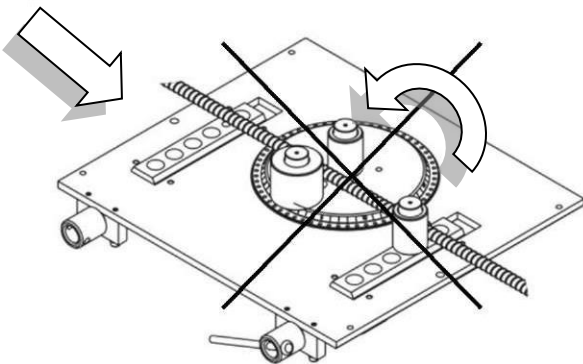
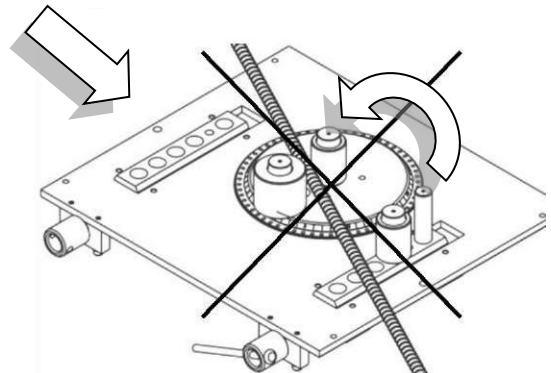


FIGURE : 10



Placing multi-irons to be bent with bending

Placing multi-irons to be bent with

sleeves incorrectly

retainer incorrectly

FIGURE : 11

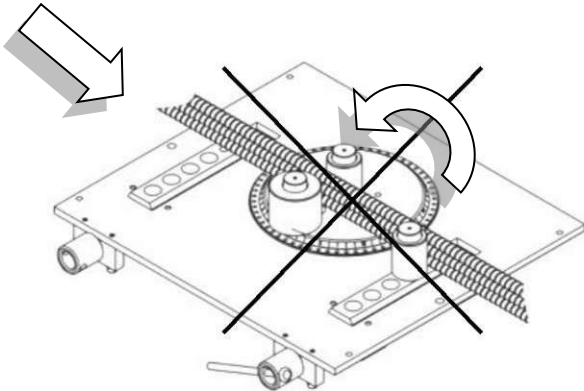
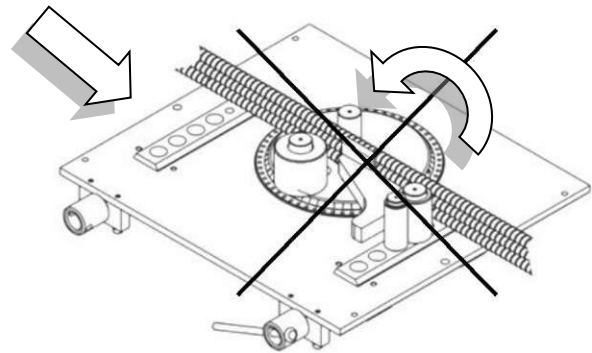


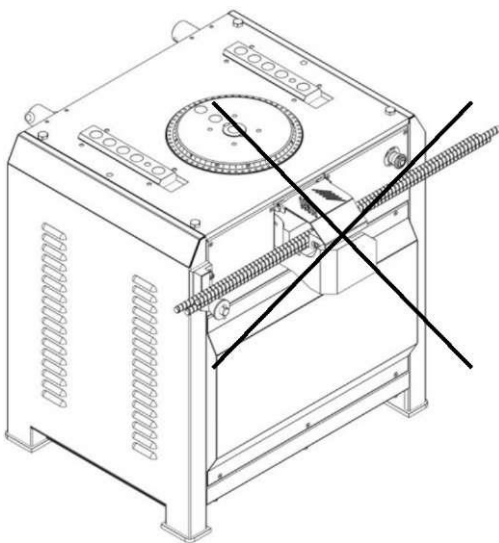
FIGURE : 12



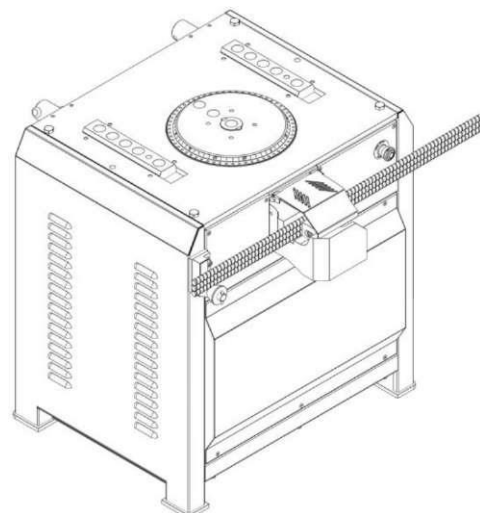
3.3. Connection Types of Irons to the Machine (Cutting Mode)

Irons should be aligned one on top of the other properly and should be cut by leaning to the cutter and rollers.
(Figure 1.2)

FIGURE : 1.1
Figure: 1.2



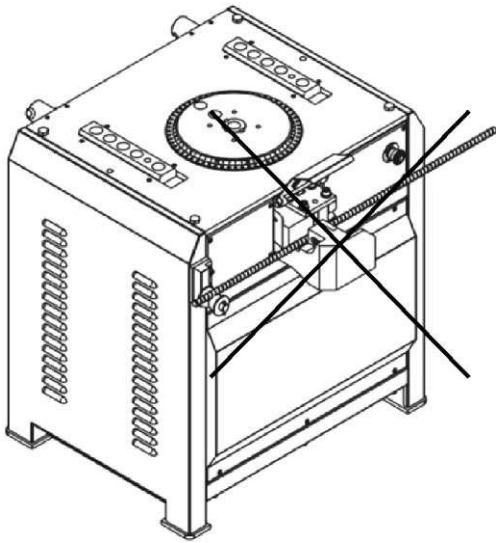
Incorrect placement of the irons on the machine



Correct placement of the irons on the machine

No cutting must be made while the cutter shield is open.

Figure 1.3



Cutting must be made while the cutter shield is close.

Figure 1.4

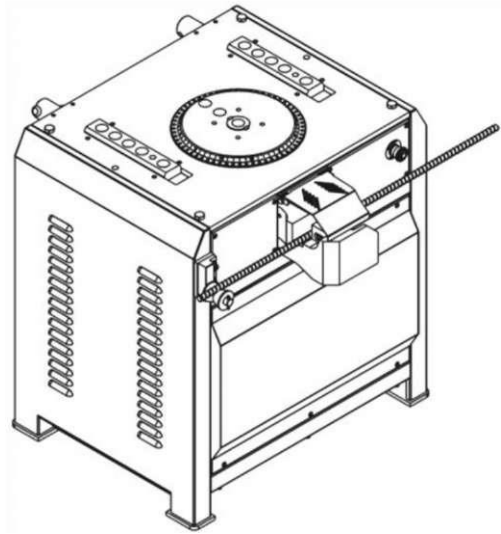
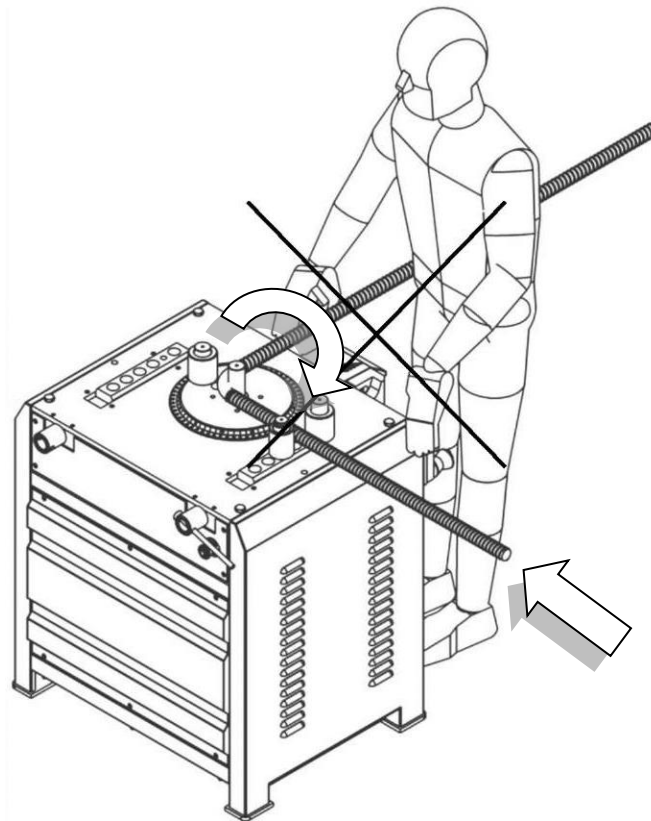
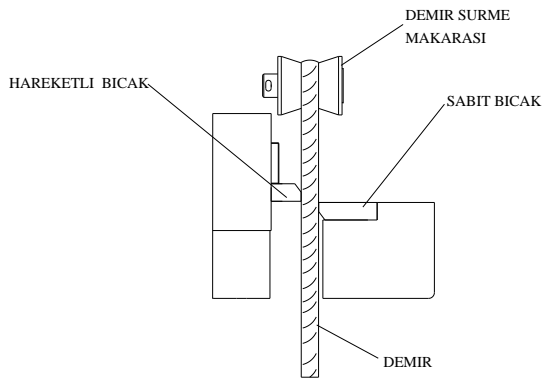


FIGURE : 13

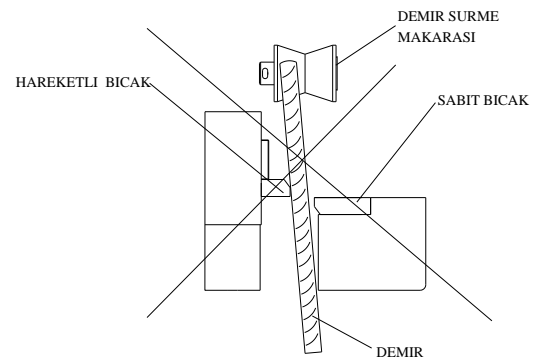


3.4. Correct placement of the iron between the cutters



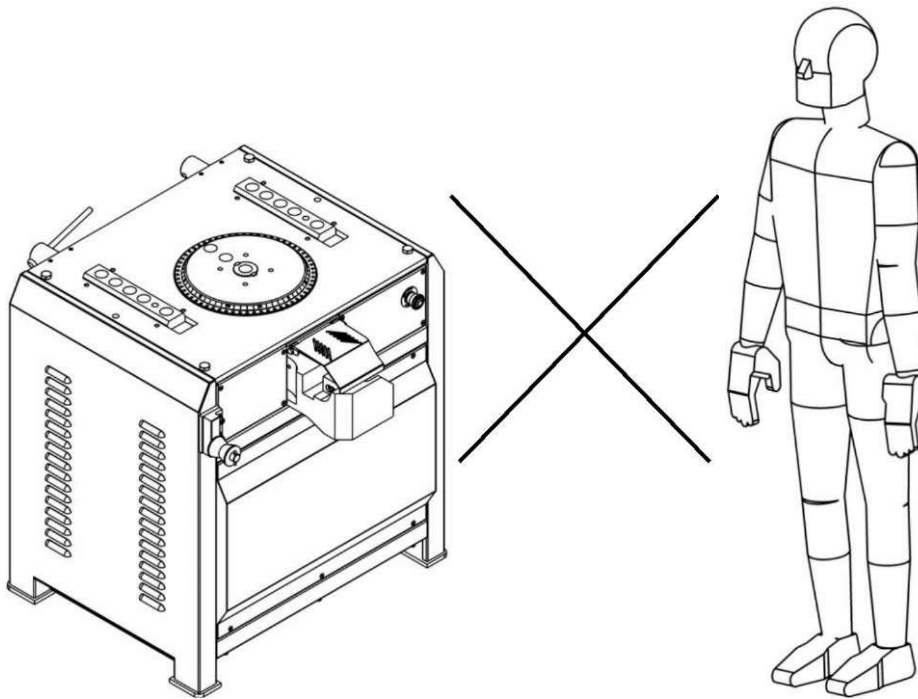
CORRECT CUTTING

CUTTING



INCORRECT

FIGURE : 14



4. PROHIBITED USAGE ON THE MACHINE

- When bending no one must stand in front of the machine and any one standing must be taken away. **(Figure:13)**
- While the machine is running no any other construction material such as adze, hammer, meter, caliper etc. should be put between the bending apparatus other than the material that will be bent.
- Machine mustn't be run when it is wet.

- No any bending or cutting must be made other than the measurements, dimensions and units stated on the capacity plate.
- During the multi bending number of irons stated on the capacity plate should be aligned one on top of the other and should be leaned to the retainer or bending rollers. No any other bending should be made other than this. **FIGURE : 11-12)**
- Machine mustn't be run when the electricity board cap is open.
- Electrical settings made in the factory shouldn't be changed.
- Machine shouldn't be operated without making grounding connection.
- Machine shouldn't be operated when the housing covers are dismantled.
- Machine should be operated by instructed workers.
- Machine never should be run unlubricated.
- Warning plates attached on the machine mustn't be removed.
- No other parts should be mounted to the machine other than the ones manufactured by Göçmaksan company.
- No bending should be made on the machine with bending apparatus which are deformed, cracked or have an increased hole diameter.
- No wrong bending should be made on the machine. **(Figure: 7-8-9-10-11-12)**
- Machine should be cleaned by air.
- In cases when electricity board cap should be opened, the cap mustn't be opened without cutting the power of the machine from the main switch.
- Irons to be bent should be fixed on the machine correctly. Fixing with retainer bending sleeve and pins **(Figure : 3-4-5-6).**
- No cutting should be made without closing the tool cutter shield **(FIGURE 1.3 - 1.4)**
- Cutter replacement shouldn't be made without stopping the machine and turning the electricity system off during the machine check and maintenance.
- When cutting no one must stand in front of the machine and any one standing must be taken away. **(Figure:14)**
- Organs such as hand, arm, finger mustn't be put between the cutters.
- While the machine is running no any other construction material such as adze, hammer, meter, caliper etc. should be put between the cutters other than the material that will be cut.
- No any cutting should be made other than the dimensions and units stated on the capacity plate.
- The iron that will be cut should be leaned to the fixed cutter. No any cutting should be made other then this cutting type.
- During the multi cutting number of irons stated on the capacity plate should be aligned one on top of the other and should be leaned to the retainer. No any other cutting should be made other than this.
- No cutting should be made with blunt and cracked knives.
- Machine should be handled in conformance with the handling conditions. **(FIGURE : 15)**

5. SCOPE OF WARRANTY

Manufacturer acknowledges warranty and liability provided that complying with the following conditions.

- Protectors found on the machine should be used.
- Warning signs should be taken into account.
- Machine shouldn't be operated without making grounding connection.

- Parts manufactured by Göçmaksan company should be used in case it is required to replace a broken part.
- Conditions indicated under the safety measures should be taken into account.
- Prohibited usage should be taken into account.
- Machine should be assembled in conformance with the assembly conditions.
- Machine should be handled in conformance with the handling conditions.
- Machine should be used by informed and authorized person.
- Measurements, dimensions and steel quality stated on the capacity plate should be taken into account.
- Machine should be used in conformance with its manufacturing purpose.
- Electricity connection should be made by competent technicians.
- Machine shouldn't be used with any of the parts on it disassembled.
- Motor of the machine shouldn't be changed.
- Maintenance of the machine should be made in conformance with the maintenance conditions.
- No iron higher than the indicated size should be bent with retainer. (Maximum 16mm)
- Correct bending should be made with the machine.

6. PROTECTORS TO BE USED WHEN WORKING WITH THE MACHINE

6.1.Protector apparel

- Helmet must be worn.
- Glasses must be worn.
- Boots with steel toe must be put on.
- Gloves must be worn.

The aforementioned protectors will be used. In case of not using these apparels there are risks of injury, cutting and trapping hands.

6.2. Work clothes

Inappropriate clothes against snatch or grip while working with the machine are listed below and in case of not conforming with this list might cause risk of injury.

Long hair, dress with long arms, bracelet, uniform with long skirt, any ornament leaning out.

7. HANDLING THE MACHINE

In order to carry the machine forklift, mobile crane or a hoist should be used. Forklift should be used only when the machine is inside the chest. In order to carry the machine inside the chest a wedge should be placed under the machine to prevent wheels touching to the floor of the chest or the wheels should be dismantled. When lifting the machine steel cable, chain or fiber sling should be used. When lifting out of the chest lifting lugs on the machine should be used. During the lifting operations experienced expert staff and subcontractors should be assigned.

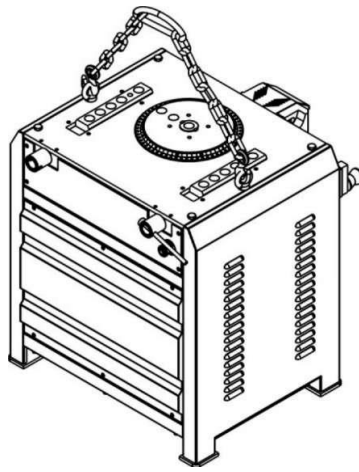
WARNING!!!

Machine should be moved without any vibration. Machine shouldn't be run in a wet environment.

If there are any lost or damaged parts during the handling, they should be reported to the manufacturer.

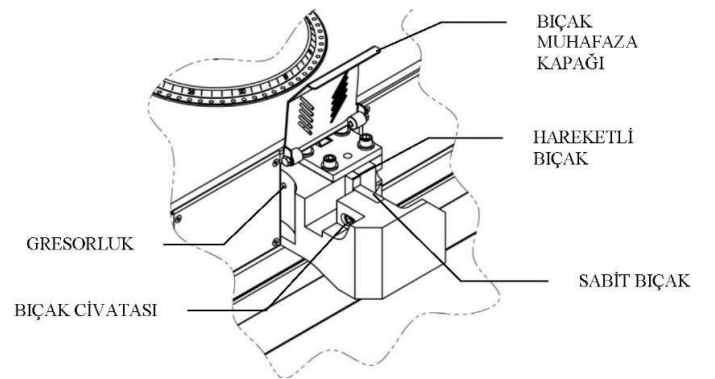
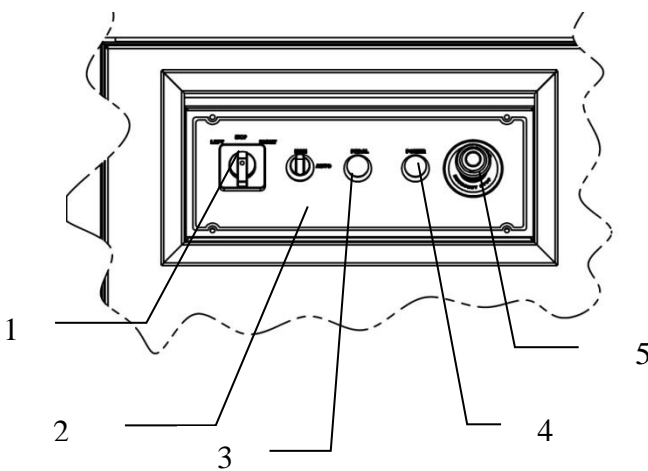
- When using the lifting and carrying equipments their maximum loading capacities should be taken into consideration.
 - During the lifting equipment's center of gravity should be taken into consideration.
- WARNING!!!** Warning signs on the carrier equipment should be taken into consideration.

FIGURE : 15



8. CONTROLS AND SETTINGS ON THE MACHINE

FIGURE : 16



Replacing the tool cutter:

When replacing the cutter first the fixed one then the moving one shall be dismantled. When connecting the cutters pay attention to mount cutting edges reciprocally.

NO	BUTTON	FUNCTION
1	LEFT STOP RIGHT	It changes machine's rotation direction to left or right

2	MAN AUTO	It provides machine to be controlled automatically and manually.
3	PEDAL	It provides the same function with the foot pedal
4	POWER LAMP	It provides machine system to engage.
5	EMERGENCY STOP	It stops the machine cutting the power in case of danger.

8.1. Thermal flow setting range and motor protection switch

For a motor 3 kW 1450 rpm it is set 9 A by machine manufacturer. It is not appropriate for user to change settings. A thermal is mounted to the system with the purpose of protecting the motor when it exposes to high amperes due to excessive loading and phase loss. In case of thermal tripping first check the phases to the motor then turn the thermal to on position.

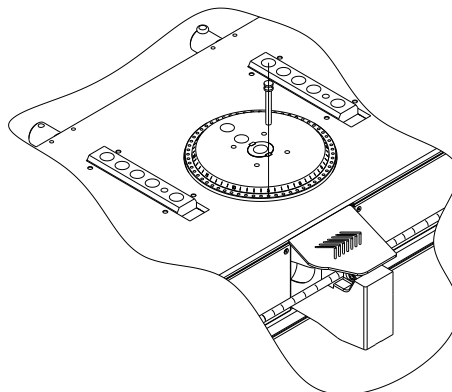
NOTE: When the machine is at the MAN position the bending disk revolves, after bending is completed and the machine is on the holding position it stops. When the machine is at the AUTO position bending disk stops at holding position by completing the bending just pressing the Foot Pedal only once. Furthermore when the machine is at the AUTO position, Bending Disc might be stopped by holding the Foot Pedal pressed when returning after the bending process is completed. When the foot pedal is released it restarts to move on the direction it stopped and stops at the zero point.

WARNING!!! When bending the iron the iron should be bent on bending apparatus with 5 times larger than the diameter of the iron to be bent.

8.2. Position of the Switch Pin over the Flange when cutting

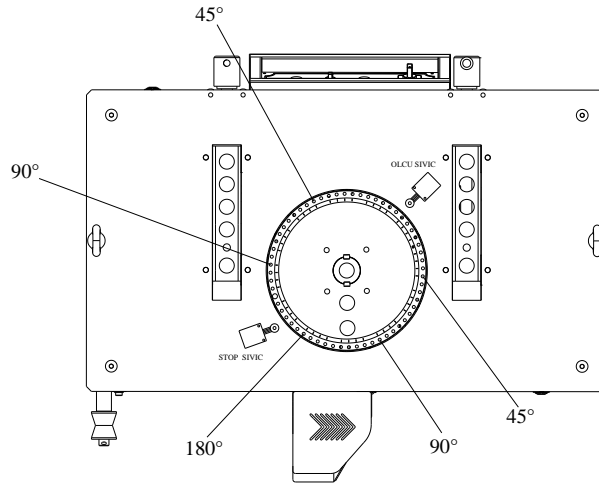
In order to make cutting bending flange will be able to turn 180°. Set the switch pin to the position shown on the picture. (Figure: 17)

Figure: 17



8.3. Bending Settings with Switch Pin

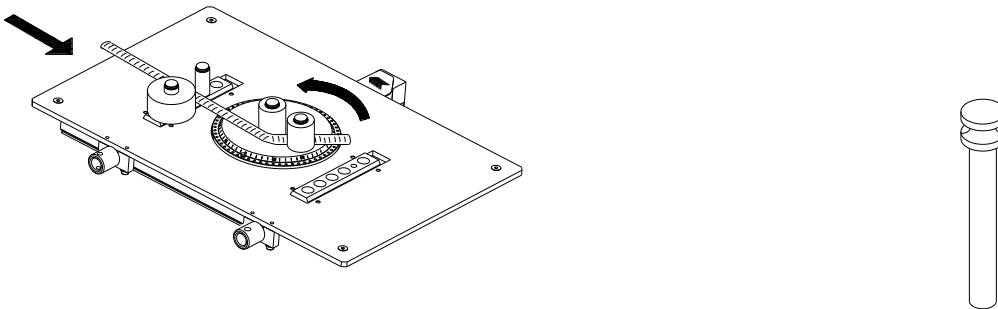
Figure: 18



8.4 Bent Bar - Set Square - Using Switch pin to make Hook Bending

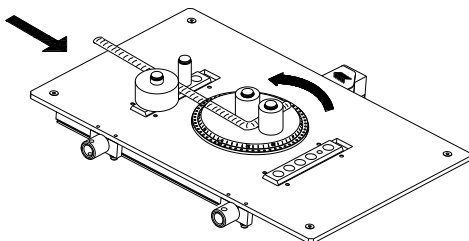
Bent Bar bending is made when the switch pin is mounted on the pin hole shown on the picture with 45°. (Figure 19)

Figure: 19



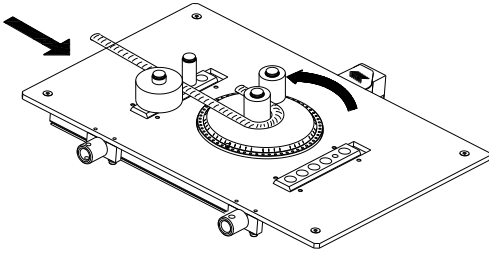
Protector Bending is made when the switch pin is mounted on the pin hole shown on the picture with 90°. (Figure: 20)

Figure: 20



Hook Bending is made when the switch pin is mounted on the pin hole shown on the picture with 180°. (Figure: 21)

Figure: 21



NOTE: Angle increases when the pin is approached towards measurement switch, angle decreases when it is approached towards stop switch.

8.5. Stirrup Bending

Stirrup Bending :

NOTE: Iron that will be stirred up should be bent on an appropriate Bending Sleeve, Pin, Stir-up pin or straight pin with at least 5 times bigger than the bending iron's diameter.

FIGURE : 22 FIGURE : 23

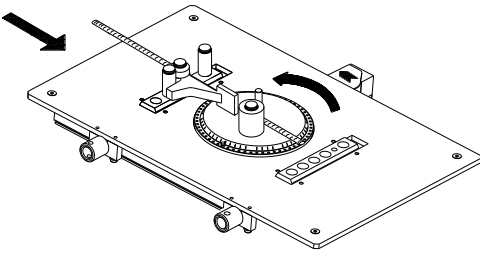


FIGURE : 24

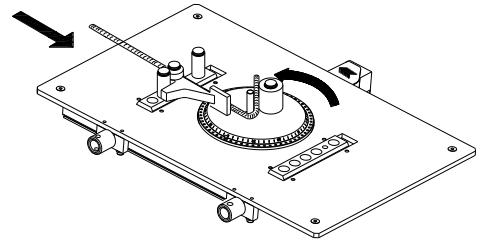


FIGURE :25

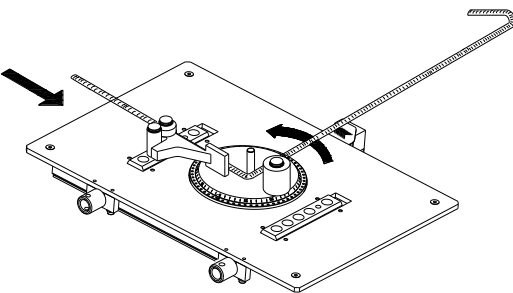


FIGURE : 26

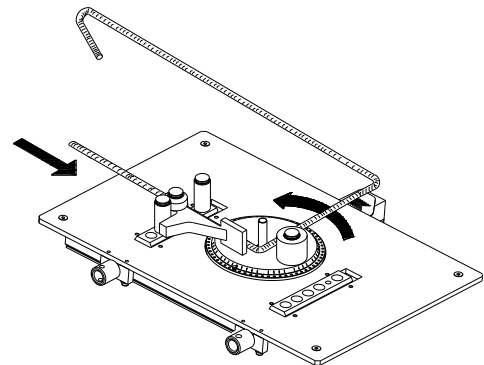


FIGURE : 27

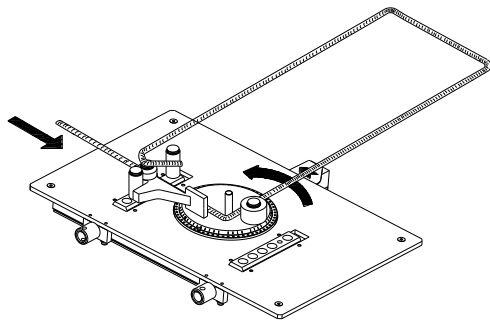


FIGURE : 28

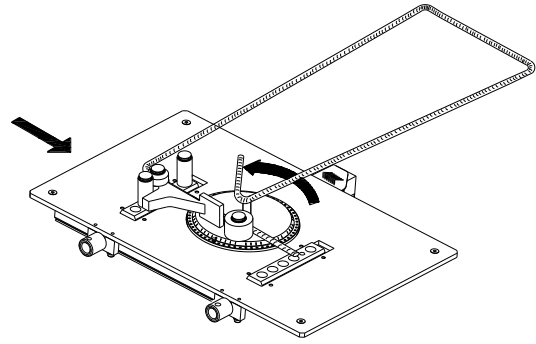
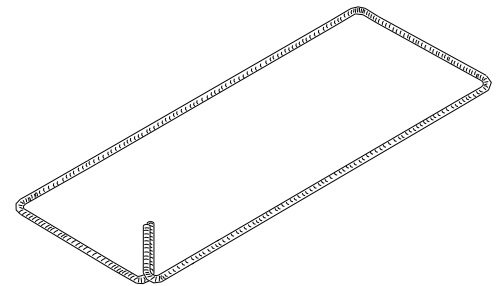
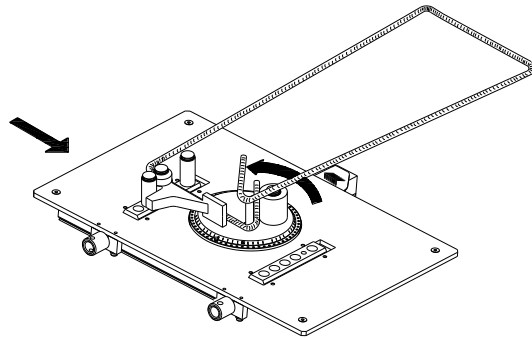


FIGURE : 29



WARNING!!! In order to fix the faults and determine the electricity malfunction if it is required to open the power panel, power connection of the machine must be turned off and competent technicians should make the maintenance.

9. MAINTENANCE AND LUBRICATION INSTRUCTIONS

It is important to make maintenance correctly in order to extend service life of the machine and to ensure safe bending. We suggest for each user to set up a secure system for control and maintenance of the machine. The following descriptions are given for reference. Number 140 gear oil is used in machine's reductor unit.

Daily maintenance of the machine

- Clean dust and scales on the machine with a brush.
- If the machine is running outdoors it must be protected from rain water when raining.
- Machine should be checked if there is extraordinary voice or not.

Weekly maintenance of the machine

- Parts driving machine bending plates should be cleaned and lubricated.

Monthly maintenance of the machine

- Bending pins and bending plates should be checked and any cracked or skewed parts mustn't be used.
- Reductor should be checked if there is oil leakage or not.
- Machine's sensor display should be checked if it has dirt on it or not and also the lamp behind it should be checked if it is working or not.

Semi-annual maintenance of the machine

- All the bolt connections of the machine should be checked.

Annual maintenance of the machine

- Oil of the machine should be changed.
 - If it is out of order seals and bearings should be changed.
- Any skewed, cracked, worn parts should be checked and replaced.

10. FAULTS AND SOLUTION OFFERS

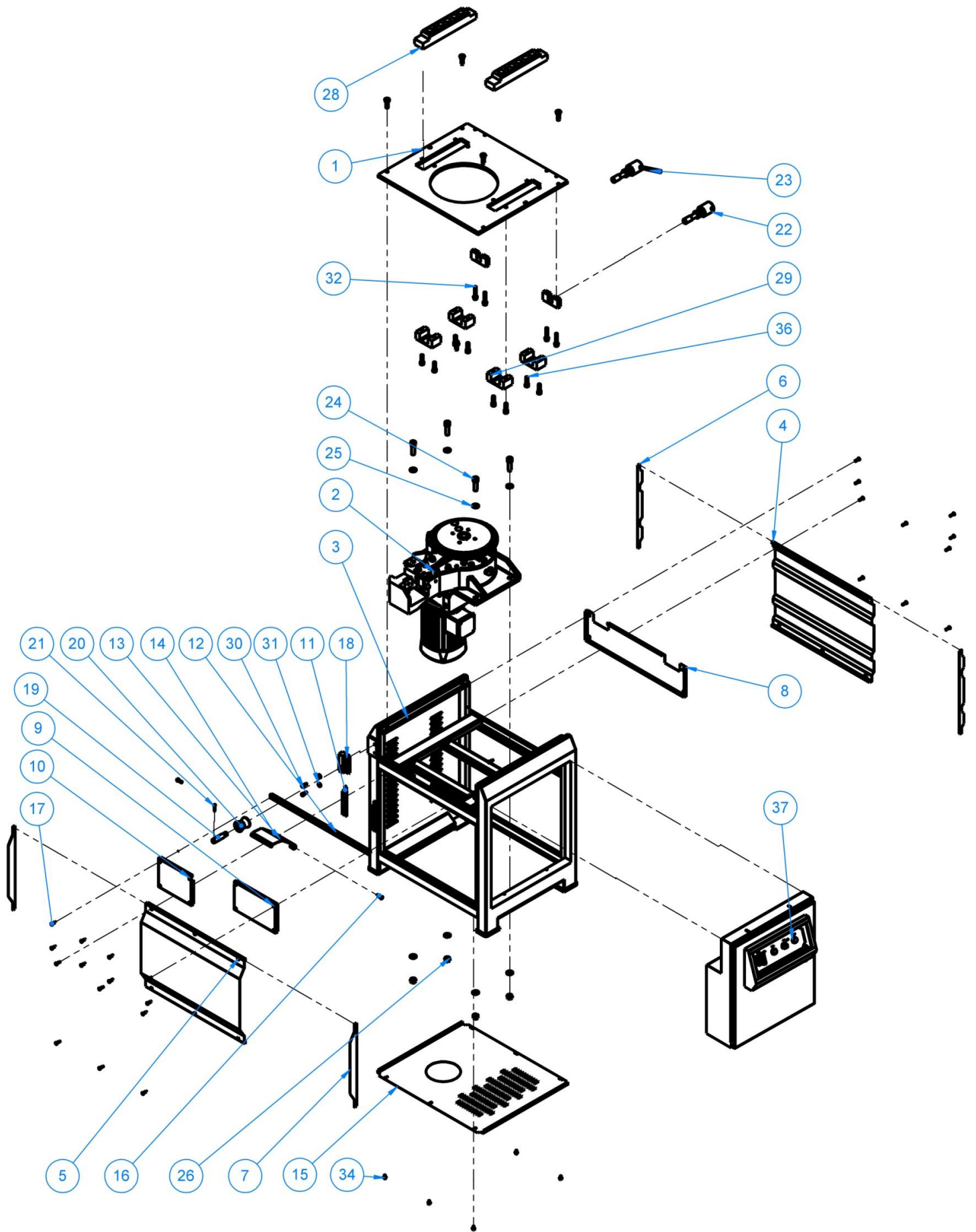
Any faults those might arise when running the machine, and their causes and solutions are given in the table below.

WARNING!!! In order to fix the faults and determine the electricity malfunction if it is required to open the power panel power connection of the machine should be turned off by switching the main switch to 0 positions and competent technicians should make the maintenance.

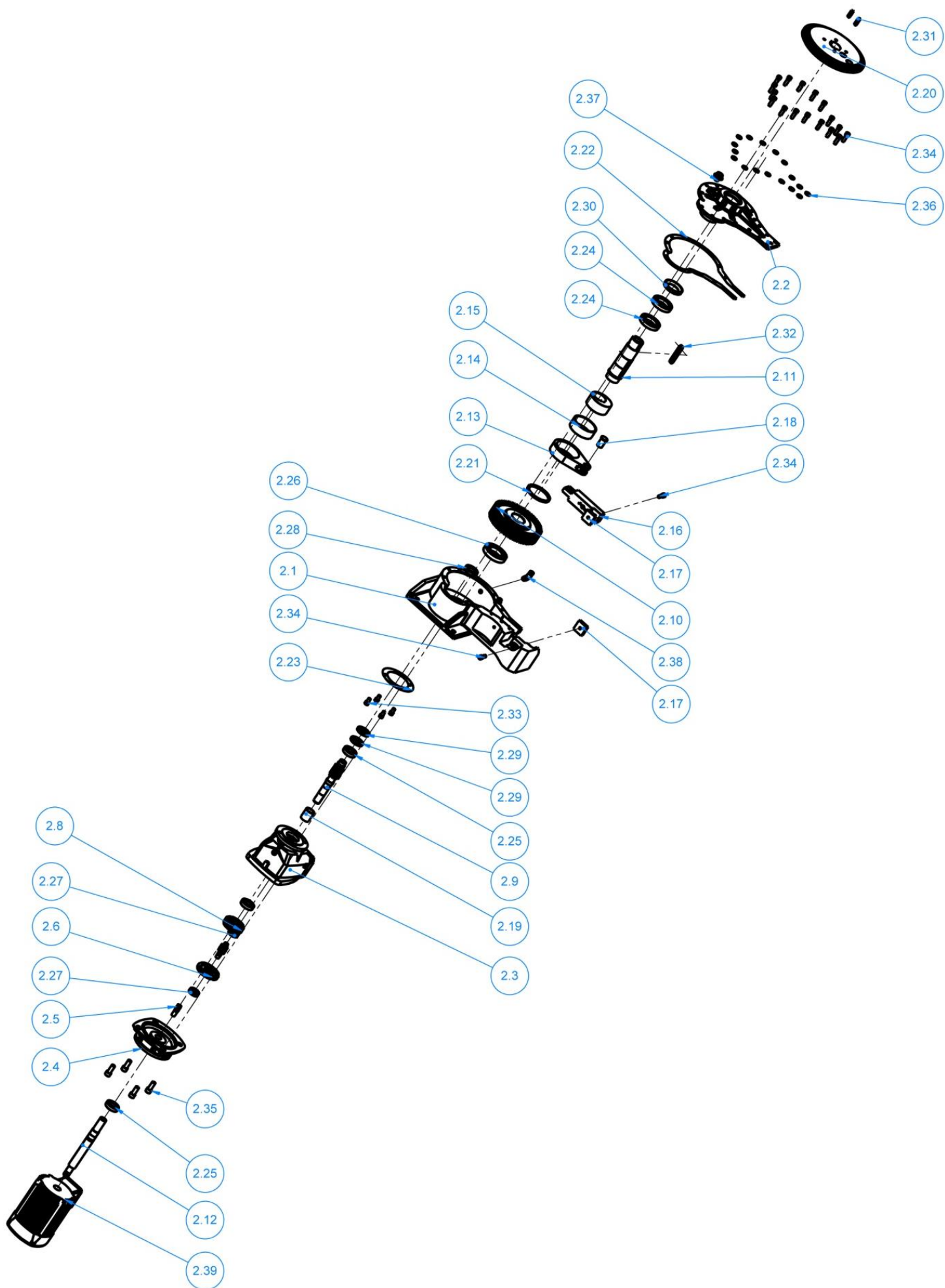
NO	FAULT	DESCRIPTION	SOLUTION
1.	Machine isn't running:	1. Missing phase might come to the electric supply system where the machine is connected. 2. Emergency stop button might be pressed. 3. Motor protection switch might be blown. 4. LEFT STOP RIGHT switch might be turned off. 5. Electricity Board Cap might be open or not closed completely.	1. Check the phases. 2. Check the button. If it is pressed open it by turning to the direction of the arrow on the button. 3. Check the motor protection switch. If the switch is blown turn it to the position 1. 4. Check the switch. If it is on stop position turn it to right or left positions. 5. Check the Electricity Board Cap.

2.	Bending disk turning continuously.	<ol style="list-style-type: none"> 1. Sensor might be broken down. 2. There might not be Zero Adjustment Pin and SWITCH pins over the machine flange. 3. Direction contactors might be broken down. 	<ol style="list-style-type: none"> 1. Check whether the sensor is working or not, if it is out of order replace it. 2. Check the pins and if any of them is missing, complete it. 3. Check the contactors.
3.	Motor protection switch is blowing continuously.	<ol style="list-style-type: none"> 1. Missing phase might come to the electric supply system. 2. Motor might be blown. 3. If the machine is bending iron over its bending capacity: 4. Transformer might be blown. 5. There might be short circuit or wearing on the cables. 	<ol style="list-style-type: none"> 1. Check the phases on the electricity network. 2. Check the motor. 3. Check the bent iron according to the material type and measurements on the capacity plate. 4. Check the transformer. 5. Check the cable and connections.
4.	Machine is not running although the foot pedal is pressed.	<ol style="list-style-type: none"> 1. The plug might be displaced. 2. Pedal switch might be out of order. 3. Contactors in the electricity network might be out of order. 	<ol style="list-style-type: none"> 1. Check the plug. 2. Check the SWITCH. Change them if they are out of order. 3. Check the contactors.
5.	Emergency Stop is not running.	<ol style="list-style-type: none"> 1. Emergency stop contact might be out of order. 2. Cable Connections might be unplugged. 	<ol style="list-style-type: none"> 1. Change the emergency stop button. 2. Check the cable connections.
6.	Machine is making noise.	<ol style="list-style-type: none"> 1. Bearings might be broken down. 2. Motor's propeller cap might be rubbing. 3. Gears might be broken down. 4. There might be no oil in the reductor. 5. Missing phase might come to the electric supply system which 	<ol style="list-style-type: none"> 1. Check the bearings. 2. Check the propeller cap. 3. Check the gears. 4. Check the reductor oil. 5. Check the phases in the network.

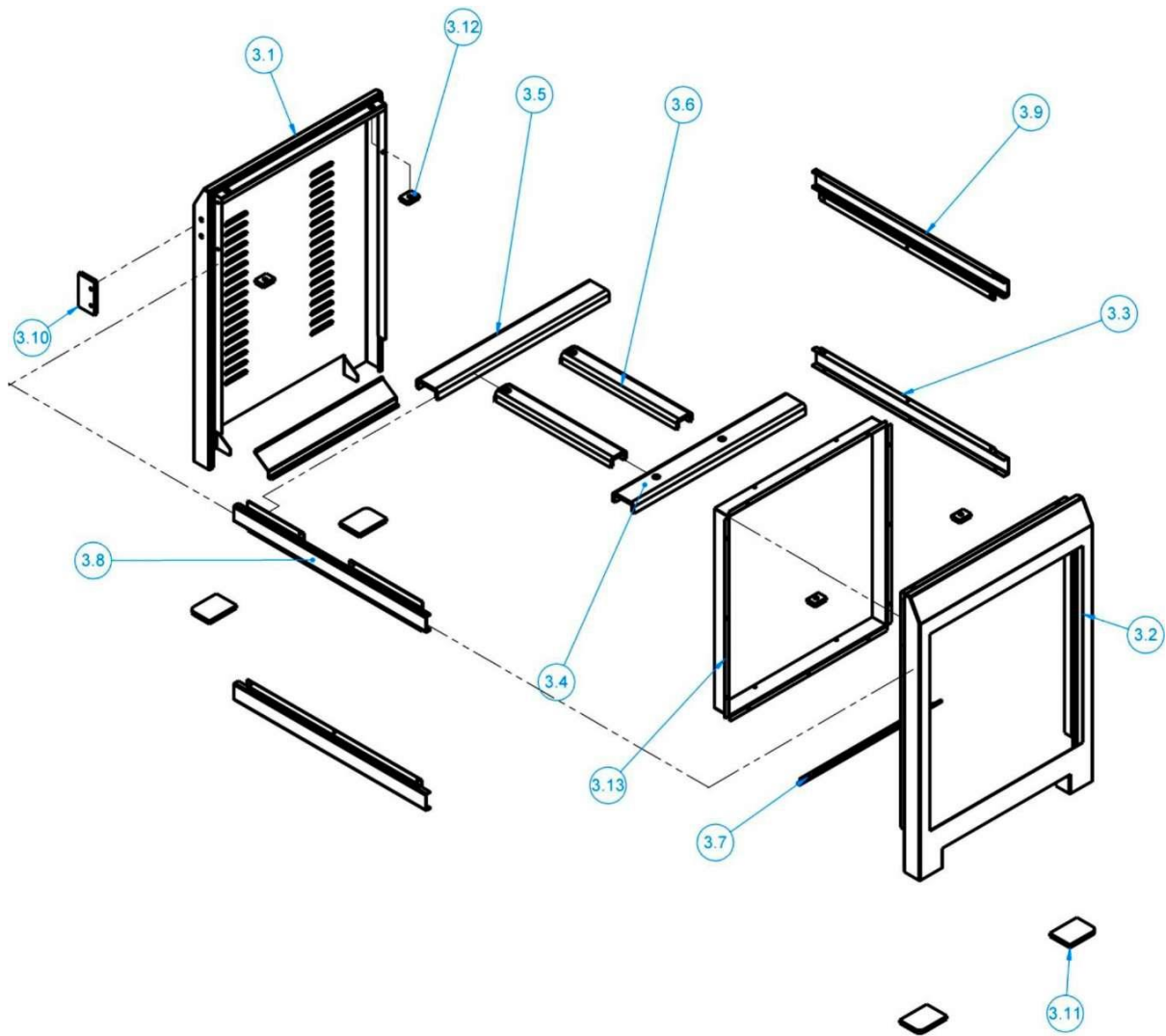
		<p>the machine is connected.</p> <p>6. Machine might having difficulty over its capacity.</p> <p>7.Brake might not be released or brake lining might scrape after being broken down in the electromagnetic braked machines.</p>	<p>6. Check the bent iron according to the capacity plate.</p> <p>7. Check whether the brakes are running or not and the brake linings.</p>
7.	Machine is leaking oil.	<p>1. Reductor ventilation cap might not be mounted.</p> <p>2. Motor seal might be leaking oil.</p> <p>3. Reductor connection bolts might be loose.</p>	<p>1. Check whether the plug is mounted or not.</p> <p>2. Check the motor from the propeller side. If there is oil, change the motor seal.</p> <p>3. Check the connection bolts and if loose screw.</p>



CBX 30 PART LIST		
NO	PART NUMBER	PIECE
1	CBX30-01 (UPPER FRAME PLATE)	1
2	CBX30-02 (CBR REDUCTOR)	1
3	CBX30-03 (CASE)	1
4	CBX30-04 (BACK MAINTENANCE COVER)	1
5	CBX30-05 (FRONT MAINTENANCE COVER)	1
6	CBX30-04 (BACK MAINTENANCE COVER SIDE SHEET)	2
7	CBX30-04 (FRONT MAINTENANCE COVER SIDE SHEET)	2
8	CBX30-08 (BACK UPPER COVER)	1
9	CBX30-09 (CUTTING BODY UPPER RIGHT COVER)	1
10	CBX30-10 (CUTTING BODY UPPER LEFT COVER)	1
11	CBX30-11 (INTERIM SHEET)	2
12	CBX30-12 (INTERIM SHEET LARGE)	1
13	CBX30-13 (CUTTER SHIELD)	1
14	CBX30-14 (CUTTER SHIELD SHAFT)	2
15	CBX30-15 (LOWER CASE COVER)	1
16	CBX30-16 (M8X25 HEXAGON BOLT)	2
17	CBX30-17 (M6X25 FLUSH SCREW)	25
18	CBX30-18 (IRON FIXING APPARATUS)	1
19	CBX30-19 (IRON LEADING SUPPORT ROLLER SHAFT)	1
20	CBX30-120 (IRON LEADING SUPPORT ROLLER)	1
21	CBX30-21 (JOINER PIN DIN 94-5x25)	1
22	CBX30-22 (ADJUSTMENT SPANNER)	2
23	CBX30-23 (LEVER ARM)	1
24	CBX30-24 (M16x55 ALLEN BOLT)	4
25	CBX30-25 (M16 WASHER)	8
26	CBX30-26 (M16 NUT)	5
27	CBX30-27 (FACE PLATE)	2
28	CBX30-28 (BENDING PLATES)	2
29	CBX30-29 (CONNECTION PLATES)	4
30	CBX30-30 (M8 x 20 ALLEN BOLT)	2
31	CBX30-31 (M8 WASHER)	2
32	CBX30-32 (M10x60)	4
33	CBX30-33 (M10 WASHER)	4
34	CBX30-34 (M6X12 M6X12 CAP SCREW)	6
35	CBX30-35 (M12x40 HEXAGON BOLT)	4
36	CBX30-36 (M12x40 ALLEN BOLT)	8
37	CBX30-37 (ELECTRICITY PANEL)	1



CBX30-02 (CBR REDUCTOR)		
NO	PART NUMBER	PIECE
2,1	CBR-01 (LARGE HOUSING)	1
2,2	CBR-02 (HOUSING UPPER COVER)	1
2,3	CBR-03 (SMALL HOUSING)	1
2,4	CBR-04 (CONNECTION FLANGE)	1
2,5	CBR-05 (UNIFORM UPPER GEAR)	1
2,6	CBR-06 (UNIFORM GEAR OFFSET)	1
2,7	CBR-07 (z 16 GEAR)	1
2,8	CBR-07 (z 50 GEAR)	1
2,9	CBR-07 (Z 16 CONICAL GEAR)	1
2,1	CBR-10 (OUTPUT SEAT)	1
2,11	CBR-10 (OUTPUT SHAFT)	1
2,12	CBR-12 (THREADED MOTOR SHAFT)	1
2,13	CBR-13 (ECCENTRIC ROD)	1
2,14	CBR-13 (ECCENTRIC ROD BRONZE)	1
2,15	CBR-13 (ECCENTRIC BEARING)	1
2,16	CBR-16 (CUTTER CARRIER)	1
2,17	CBR-17 (CUTTER)	2
2,18	CBR-18 (PIN)	1
2,19	CBR-19 (ADJUSTING RING)	1
2,2	CBR-20 (BENDING FLANGE)	1
2,21	CBR-21 (BUSHING 105X7MM)	1
2,22	CBR-22 (REDUCTOR COVER GASKET)	1
2,23	CBR-23 (SMALL GASKET)	1
2,24	CBR-24 (BEARING 6012)	2
2,25	CBR-25 (BEARING 6206)	3
2,26	CBR-26 (BEARING 6212)	1
2,27	CBR-27 (BEARING 6303)	2
2,28	CBR-28 (BEARING 30206)	1
2,29	CBR-29 (035X062X7 FELT)	2
2,3	CBR-30 (60X90X13 SPRING FELT)	1
2,31	CBR-31 (12x8x38 WEDGE)	2
2,32	CBR-32 (18 x 11 x 100 WEDGE)	1
2,33	CBR-33 (M12x20 ALLEN BOLT)	4
2,34	CBR-34 (M12 x 35 ALLEN BOLT)	20
2,35	CBR-35 (M12x40 ALLEN BOLT)	4
2,36	CBR-36 (M12 WASHER)	18
2,37	CBR-37 (M20 BLIND PLUG)	1
2,38	CBR-38 (% OIL INDICATOR)	1
2,39	CBR-39 (MOTOR)	1



CBX30-03 (CASE)		
ITEM NO	PART NUMBER	PIECE
3,1	CBX30-03-01 (FLAT FOOT)	1
3,2	CBX30-03-02 (PANEL FOOT)	1
3,3	CBX30-03-03 (BOTTOM INTERIM SHEET)	2
3,4	CBX30-03-04 (75x30x8mm SHEET) PERFORATED	1
3,5	CBX30-03-04 (75x30x8mm SHEET)	1
3,6	CBX30-03-05 (55x28x8mm SHEET)	2
3,7	CBX30-03-06 (FOOT BOTTOM BELT)	2
3,8	CBX30-03-07 (UPPER INTERIM SHEET)	1
3,9	CBX30-03-07 (UPPER INTERIM SHEET)	1
3,1	CBX30-03-08 (IRON LEADING APPARATUS AUXILIARY SHEET)	1
3,11	CBX30-03-09 (FOOT PLATE)	4
3,12	CBX30-03-10 (TABLE SHEET AUXILIARY SHEET)	4
3,13	CBX30-03-11 (PANEL AUXILARY SHEET)	2

