



**SC 550P**

**TEK KAFA KESİM MAKİNESİ  
LARGE CAPACITY MITRE SAW**

**УСОРЕЗНАЯ ПОРТАТИВНАЯ ПИЛА С РУЧНОЙ ПОДАЧЕЙ**

**USER MANUAL – KULLANICI EL KİTABI - РУКОВОДСТВО ПО ЭКСПЛУАТАЦИИ**




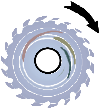
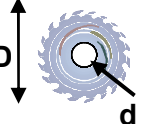

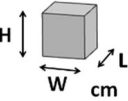

## GARANTİ BELGESİ



**İMALATÇI FİRMA** : YILMAZ MAKİNE SANAYİ VE TİCARET A.Ş  
**ADRES** : TAŞDELEN MH. ATABEY CD. No 9 34788 ÇEKMEKÖY  
İSTANBUL-TÜRKİYE  
**TELEFON** : 0216.312.28.28 PBX  
**TELEFAX** : 0216.484.42.88  
**İMZA-KAŞE** :



**ÜRÜNÜN CİNSİ** : TEK KAFA KESİM MAKİNESİ  
**MARKASI** : YILMAZ  
**MODEL KODU** : SC 550P  
**BANDROL/SERİ NO** :  
**TESLİM TARİHİ** :  
**GARANTİ SÜRESİ** : 1 YIL  
**AZAMİ TAMİR SÜRESİ** : 30 İŞ GÜNÜ

**YETKİLİ SATICI FİRMA** :  
**ADRES** :  
**TELEFON** :  
**TELEFAX** :  
**İMZA-KAŞE** :

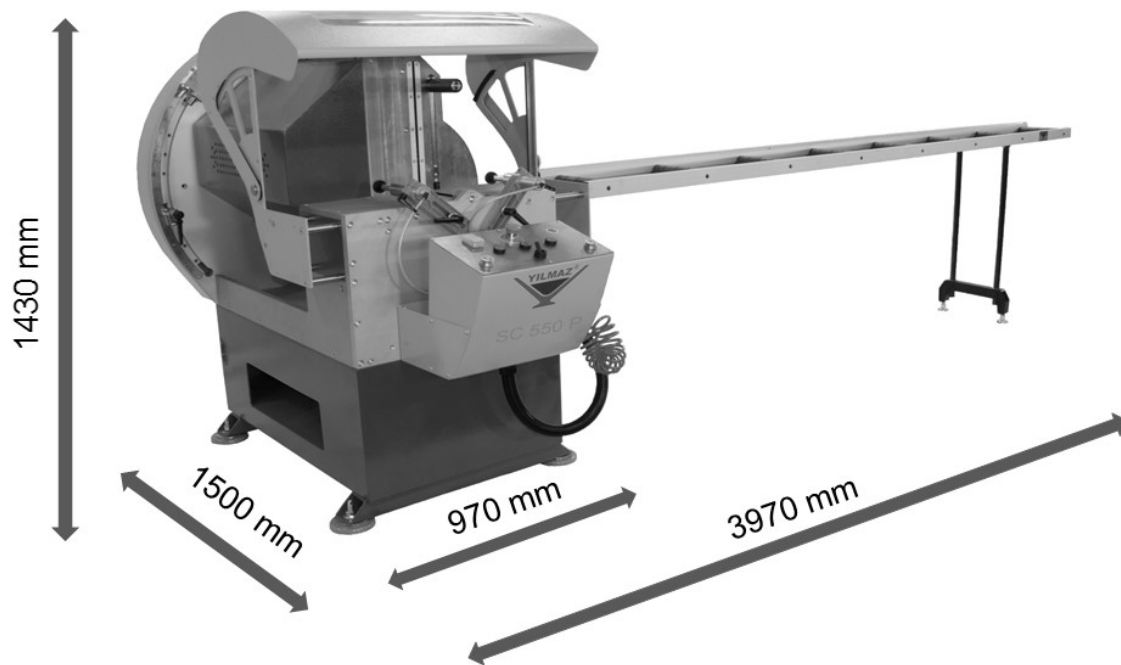
## TEKNİK ÖZELLİKLER - TECHNICAL FEATURES - ТЕХНИЧЕСКИЕ ОСОБЕННОСТИ

									
<b>SC 550P</b>	2.2 kW 50 Hz 400 V AC 3 P PE	2.2 kW 50 Hz 230 V AC 3P PE	2400 D/dak. RPM	D = 550 mm d = 30 mm	6/8 Bar	24 Lt. / dak. Lt/min	W = 97 L = 150 H = 143	430 kg	490 kg

 <p><b>YILMAZ MAKİNE SANAYİ VE TİCARET A.Ş</b> Turgut Özal Bulvarı No:173 Tasdelen 34788 Cekmekoy İSTANBUL-TURKİYE Tel: +90 (216) 312 28 28 (Pbx) Fax: +90 (216) 484 42 88 web : www.yilmazmachine.com.tr e-mail: yilmaz@yilmazmachine.com.tr</p> 			
MODEL TYPE MODEL	SC 550 P	RATED CURRENT NOMINAL AKIM	4,6 A
SERIAL NO SERI NO		SAW DIAMETER TESTERE ÇAPI	ø550 x ø30mm
PROD.DATE ÜRETİM TAR.		AIR CONSUMP. HAVA TÜKETİMİ	24 Lt/min
TOTAL POWER TOPLAM GÜÇ	2.2 kW	AIR PRESSURE HAVA BASINCI	6-8 BAR
RATED VOLTAGE NOMİNAL GERİLİM	400V AC 3P PE	WEIGHT AĞIRLIK	430 KG.

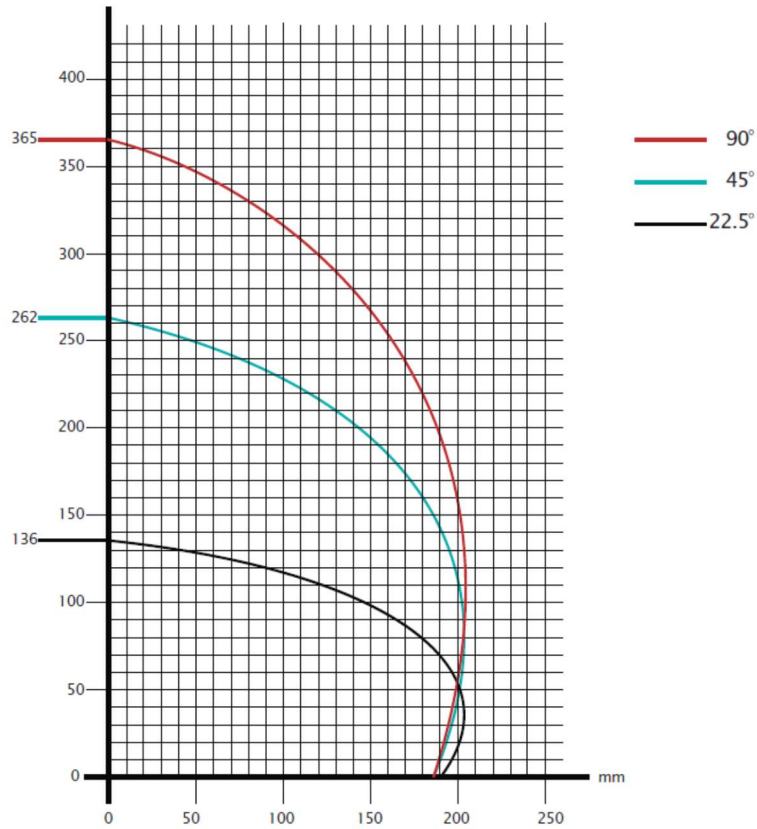
 <p><b>YILMAZ MAKİNE SANAYİ VE TİCARET A.Ş</b> Turgut Özal Bulvarı No:173 Tasdelen 34788 Cekmekoy İSTANBUL-TURKİYE Tel: +90 (216) 312 28 28 (Pbx) Fax: +90 (216) 484 42 88 web : www.yilmazmachine.com.tr e-mail: yilmaz@yilmazmachine.com.tr</p> 			
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PROD.DATE ÜRETİM TAR.		AIR CONSUMP. HAVA TÜKETİMİ	24 Lt/min
TOTAL POWER TOPLAM GÜÇ	2.2 kW	AIR PRESSURE HAVA BASINCI	6-8 BAR
RATED VOLTAGE NOMİNAL GERİLİM	230V AC 3P PE	WEIGHT AĞIRLIK	430 KG.

**BOYUTLAR – DIMENSIONS – РАЗМЕРЫ**

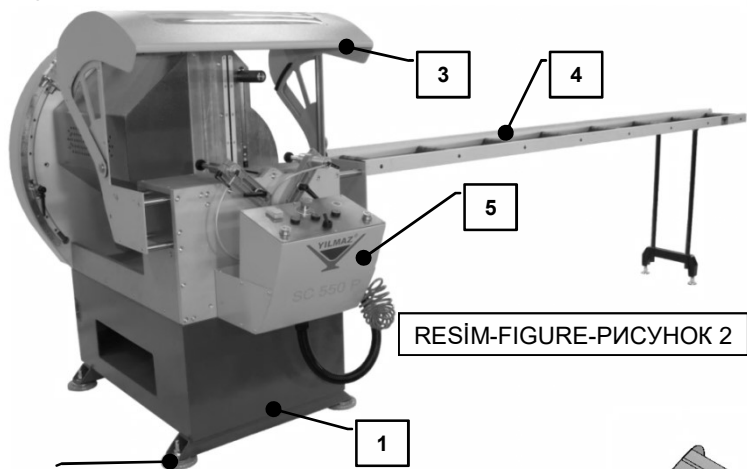


RESİM-FIGURE-РИСУНОК 1

# KESME DİYAGRAMI – CUTTING DIAGRAM - ДИАГРАММА РЕЗКИ

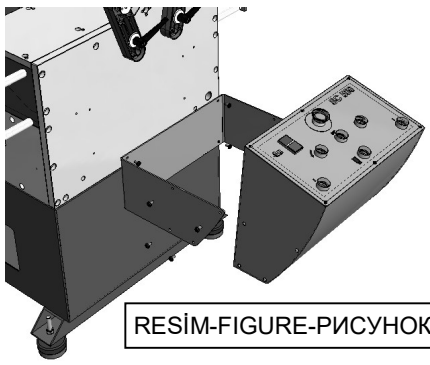


PARÇA LİSTESİ - PART LIST - ПЕРЕЧЕНЬ ДЕТАЛЕЙ

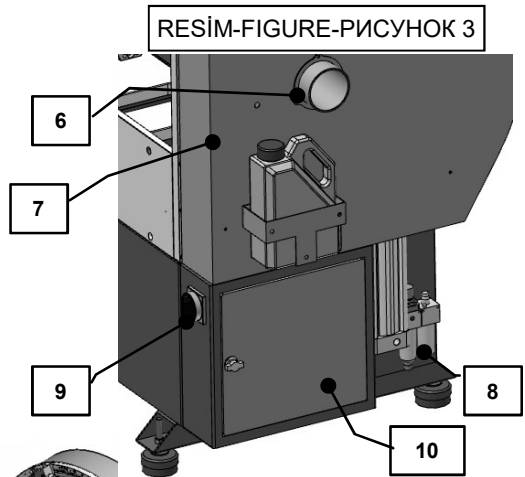


RESİM-FIGURE-РИСУНОК 2

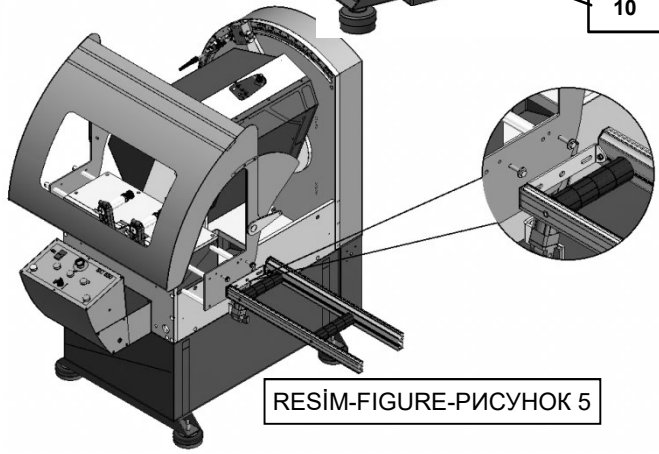
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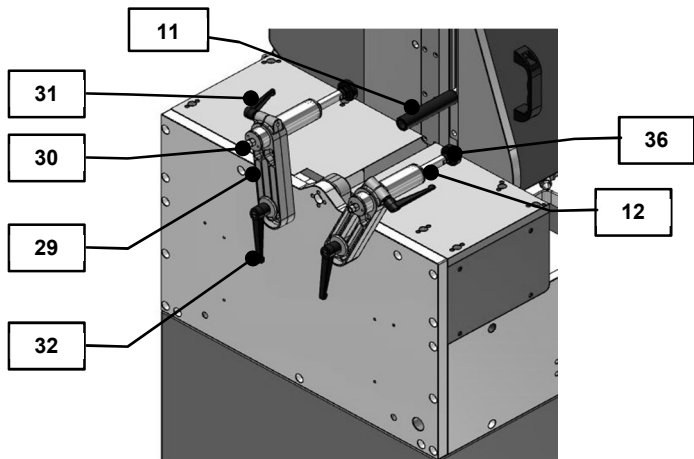
RESİM-FIGURE-РИСУНОК 4



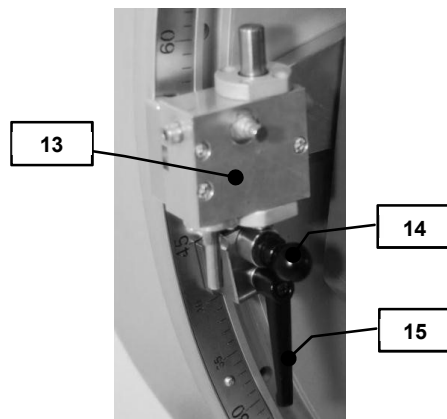
RESİM-FIGURE-РИСУНОК 3



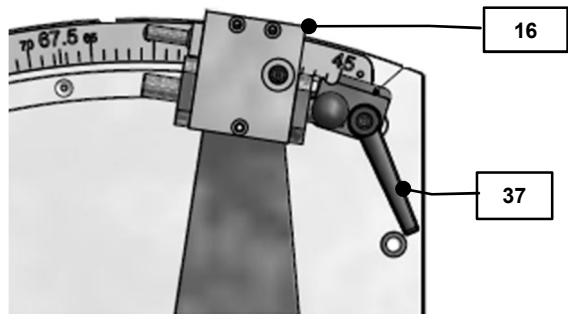
RESİM-FIGURE-РИСУНОК 5



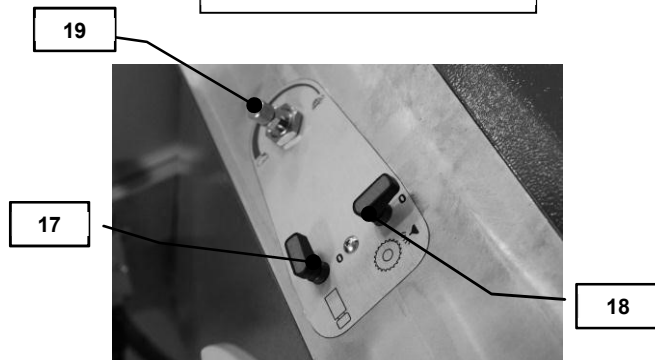
RESİM-FIGURE-ПИСУНОК 6



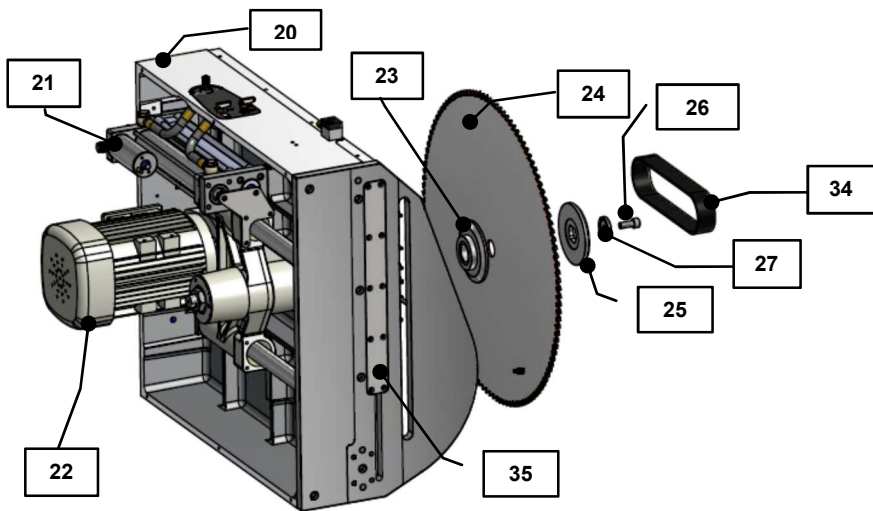
RESİM-FIGURE-ПИСУНОК 7



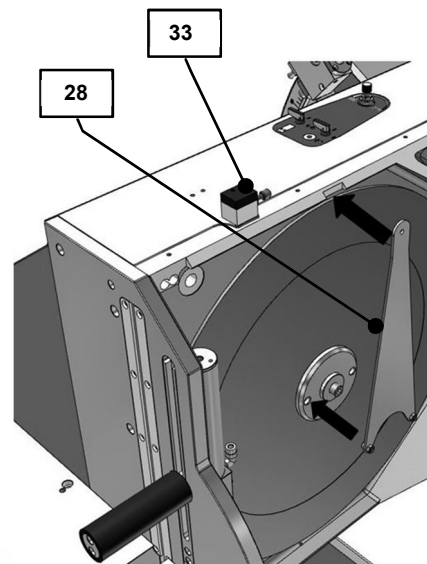
RESİM-FIGURE-ПИСУНОК 8



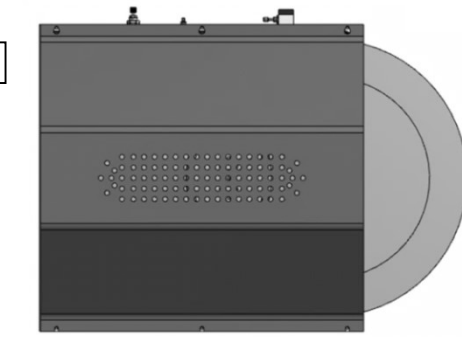
RESİM-FIGURE-ПИСУНОК 9



RESİM-FIGURE-PIÇUHOК 10



RESİM-FIGURE-PIÇUHOК 12



RESİM-FIGURE-PIÇUHOК 11









<b>NO номер</b>	<b>STOK KODU STOCK CODE ПОРЯДОК КОД</b>	<b>ADET QTY КОЛИЧЕСТВО</b>	<b>NO номер</b>	<b>STOK KODU STOCK CODE ПОРЯДОК КОД</b>	<b>ADET QTY КОЛИЧЕСТВО</b>
1	1SA010000-0061	1	14	3UA680030-0005	2
2	1SC170000-0014	4	15	3UA040030-0020	2
3	1SA030000-0076	1	20	2TU012510-0346	1
4	4UN300030-0001	1	21	3UA670030-0005	1
5	3UA680030-0052	1	22	1EL070001-0002	2
6	1PL010000-0069	1	23	2TU011110-1061	1
7	1SA030000-0078	1	24	1SK010000-0046	1
8	3UA110030-0020	1	25	2TU011110-0982	1
9	1EL010000-0046	1	26	1SC011000-0017	1
10	1SA020000-0049	1	27	2TU011110-0986	1
11	3UA670030-0320	1	28	2TU011441-0482	1
12	3UA060030-0004	2	29	2TU012610-0044	2
13	3UA680030-0006	1			

**YEDEK PARÇA LİSTESİ / SPARE PART LIST / СПИСОК ЗАПАСНЫХ ЧАСТЕЙ**

<b>PARÇA NO PART NO НОМЕР</b>	<b>RESİM PICTURE РИСУНОК</b>	<b>STOK KODU / CODE ПОРЯДОК КОД</b>	<b>PARÇA ADI – PART NAME НАИМЕНОВАНИЕ ДЕТАЛИ</b>
29		2TU012610-0044	MENGENE PİSTONU BAĞLANTISI PISTON CLAMP CONNECTION
12		3UA060030-0004	PNÖMATİK MENGENE PNEUMATIC CLAMP
30		1PN140000-0005	1/8-6 REKOR 1/8-6 FITTING

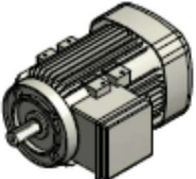
**YEDEK PARÇA LİSTESİ / SPARE PART LIST / СПИСОК ЗАПАСНЫХ ЧАСТЕЙ**

PARÇA NO PART NO НОМЕР	RESİM PICTURE РИСУНОК	STOK KODU / CODE ПОРЯДОК КОД	PARÇA ADI – PART NAME НАИМЕНОВАНИЕ ДЕТАЛИ
31		3UA040030-0007	M8x32 PİPO M8x32 HANDLE
32		3UA040030-0001	M12*60 PİPO M12*60 HANDLE
37		3UA040030-0020	M10*40 PİPO M10*40 HANDLE
24		1SK010000-0046	Ø 550 TESTERE Ø 550 SAW

**YEDEK PARA LİSTESİ / SPARE PART LIST / СПИСОК ЗАПАСНЫХ ЧАСТЕЙ**

<b>PARA NO PART NO</b>	<b>RESİM</b>	<b>STOK KODU / CODE ПОРЯДОК КОД</b>	<b>PARA ADI – PART NAME -</b>
34		1SR070000-0005	MOTOR KAYIŞI MOTOR BELT
33		1PN010000-0012	SPRAYER SU PÜSKÜRTME VALF WATER SPRAY VALVE
35		2TU011441-0014	TESTERE KANAL LAMASI SAW CHUTE PLATE
36		1PL010000-0033	MENGENE PABUCU CLAMP FEET

**YEDEK PARA LİSTESİ / SPARE PART LIST / СПИСОК ЗАПАСНЫХ ЧАСТЕЙ**

<b>PARA NO PART NO</b>	<b>RESİM</b>	<b>STOK KODU / CODE ПОРЯДОК КОД</b>	<b>PARA ADI – PART NAME -</b>
22		1EL070001-0002 400V-415V (3P 50 Hz)	MOTOR MOTOR

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## **1. GENERAL INFORMATION**

### **1.1. Introduction**

The user's manual given by the manufacturer contains necessary information about the machine parts. Each machine operator should read these instructions carefully, and the machine should be operated after fully understanding them.

Safe and efficient use of the machine for long term depends on understanding and following the instructions contained in this manual. The technical drawings and details contained in this manual constitute a guide for the operator.

### **1.2. Service Information**

In case of any technical problem please contact your nearest YILMAZ dealer, or YILMAZ head office through the above mentioned phone, fax or e-mail address.

Technical labels with the model description of the machine are fixed onto the front side of each machine.

The machine's serial number and manufacturing year are stipulated on the technical label.

**Average life usage of production is 10 years. If you have any further failure and complaint, please inform to our below mentioned technical service by verbal or written**

### **AUTHORIZED TECHNICAL SERVICE CENTER ADDRESS**

TAŞDELEN MH. ATABEY CD. No 9 34788 ÇEKMEKÖY – İSTANBUL / TÜRKİYE

**Tel** 0216 312 28 28 Pbx.

**Fax** 0216 484 42 88

**E-mail** service@yilmazmachine.com.tr

**Web** www.yilmazmachine.com.tr













For minimize the documantation, It is wery necessary to mention below details at the agreements signed with suppliers and dealers of the purchased machines

- |                                    |  |
|------------------------------------|--|
| • Machine model                    | • Voltage and frequency                      |
| • Machine's serial number          | • Date of purchase                           |
| • Description of the machine fault | • Name of dealer where machine was purchased |
| • Average daily operation period   |  |



## 2. SAFETY

### 2.1. Safety Symbols and Their Meanings

	Read the user guide		Ensure safe working position, always keep your balance.
	Wear ear protectors		Elektrical excitation
	Wear safety goggles		Don't place your hands between parts in motion..
	If the power cable should be damaged during operation, don't touch and unplug it. Never use damaged power cables.		High temperature warning
	During saw blade change operations, use protective gloves		Keep your fingers clear of the movable parts of the glide arm.
	The above symbol <b>DANGER WARNING</b> , warns you against specific dangers, and you have definitely to read them..		The <b>IMPORTANT</b> symbol above is one telling you to apply special care and to be careful at carrying out the specified operation

## 2.1. Accidents Prevention



- 2.2.1 Our machines are manufactured in accordance with CE safety directives, which cover national and international safety directives.
- 2.2.2 It is the task of the employer to warn his staff against accident risks, to train them on prevention of accidents, to provide for necessary safety equipment and devices for the operator's safety.
- 2.2.3 It is the task of the employer to warn his staff against accident risks, to train them on prevention of accidents, to provide for necessary safety equipment and devices for the operator's safety.
- 2.2.4 Machine should be operated only by staff members, who have read and understood the contents of this manual.
- 2.2.5 All directives, recommendations and general safety rules contained in this manual have to be observed fully. The machine cannot be operated in any way for purposes other than those described herein. Otherwise, the manufacturer shall not be deemed responsible for any damages or injuries. And such circumstances would lead to the termination of the warranty

## 2.2. General Safety Information

- 2.3.1 The power cable should be led in such a way that nobody can step on it or nothing can be placed on it. Special care has to be taken regarding the inlet and outlet sockets
- 2.3.2 Don't overload machines for drilling and cutting. Your machine will operate more safely with power supply in accordance with the stipulated values.
- 2.3.3 Use correct illumination for the safety of the operator. (ISO 8995-89 Standard The lighting of indoor work system)

- 2.3.4** Use correct illumination for the safety of the operator. ( ISO 8995-89 Standard The lighting of indoor work system)
- 2.3.5** Don't use any materials other than those recommended by the manufacturer for cutting operations on the machine.
- 2.3.6** Ensure that the work piece is clamped appropriately by the machine's clamp or vice
- 2.3.7** Ensure safe working position, always keep your balance.
- 2.3.8** Keep your machine always clean for safe operation. Follow the instructions at maintenance and replacement of accessories. Check the plug and cable regularly. If damaged, let it replace by a qualified electrician. Keep handles and grips free of any oil and grease.
- 2.3.9** Unplug first, before conducting and maintenance works.
- 2.3.10** Ensure that any keys or adjustment tools have been removed before operating the machine..
- 2.3.11** If you are required to operate the machine outside, use only appropriate extension cables.
- 2.3.12** Repairs should be carried out by qualified technicians only. Otherwise, accidents may occur.
- 2.3.13** Before starting a new operation, check the appropriate function of protective devices and tools, ensure that they work properly. All conditions have to be fulfilled in order to ensure proper operation of your machine. Damaged protective parts and equipment have to be replaced or repaired properly (by the manufacturer or dealer).
- 2.3.14** Don't use machines with improper functioning buttons and switches
- 2.3.15** Don't keep flammable, combustive liquids and materials next to the machine and electric connections.

### 3. MACHINE'S DESCRIPTION

Cutting machines with 550 mm diameter circular saw for cutting. PVC and Aluminum profiles in right angle or various angles in required lengths.

- The feature to be able to cut in the cutting unit in the internal and external angles,
- The feature to be able to cut in 22.5 degree angles in the cutting to inward and outward,
- The opportunity to come to 90 degree of the cutting unit unadjusted,
- The overhead clamp system,
- Standard material carriage conveyor system
- The saw progress in the cutting actions is hydro-pneumatic and the opportunity to adjust sensitively the desired progress speed according to the material type is available.
- Two hand control system application is available in terms of employee safety.
- The machine is designed properly to CE Instructions.

<b><u>STANDARD ACCESSORIES</u></b>	<b><u>OPTIONAL ACCESSORIES</u></b>
550 mm Diamond-Tipped Circular Saw	Additional Circular Saw
Air Gun	
Conveyor	
User's manual	

### 4. TRANSPORT OF THE MACHINE



**4.1. The transport should be done by qualified personnel only.**

4.2. The machine may be carried by fork-lift

- 4.3. Do not lift the machine before you are sure that the bearing knives of the equipments such as fork-lift come under the machine when transferring the machine.
- 4.4. Movable parts on the machine should be fixed before carrying out the transport.
- 4.5. The machine size and weight measurements, given the technical specification sheet.

## 5. INSTALLATION OF THE MACHINE

### 5.1 Preparation

5.1.1 The machine size and weight measurements, given the technical specification sheet. The ground, where the machine will be placed, should be even, solid enough to bear the weight of the machine

5.1.2 The machine should be located approx. 150 cm away from the rear wall

5.1.3 You can provide the balance of the machine with adjustable counterforts (PICTURE 2 NO 2) in the bottom part.



5.1.4 **The safety apparatus should not be removed from its place before the machine is worked firstly.**

5.1.5 The front control board is delivered disassembly not to be damaged during the transfer. Mount the front control board to the place on the machine as seen in FIGURE 4

5.1.6 Fasten MKN 300 material supply conveyor given as Standard accesory onto the cutting unit to the right side surface of the machine as seen in the Figure 5 by using the screws on the machine. Provide the conveyor bobbins and machine top surface to be the same parallelism by using a sensitive and calibrated water gauge.

5.1.7 To use shaving manifolde, the absorbtion flowrate of air for dry chips has to be thought min.20m/sec. 28 m/sec absorbtion flowrate of air wet chips ( $\geq 18\%$  humidity) can be decided to operate the manifolde

## 5.2 Connecting to the Power Source

- 5.2.1 The Electrical connection must be made by a licensed electrician
- 5.2.2 The power outlet socket on the machine should be available.
- 5.2.3 Plug the machine to a grounded socket.
- 5.2.4 Main voltage of the machine is optional as 230 V 50 Hz or 400 V 50 Hz.
- 5.2.5 Make the electrical socket connections after positioning the MAIN SWITCH on the machine to 0.
- 5.2.6 Make the machine connections according to the electric schema.
- 5.2.7 The saw direction of rotation should be controlled based on the direction rotation label on the machine (by being used a device that is proper to the saw direction of rotation control)
- 5.2.8 In the cases that the saw direction of rotation is adverse, the electrical power cable connections should be reviewed by authorized and licensed electrician and the connections should be corrected.



**5.2.9 Check the supply voltage. The source voltage must be in accordance with the data on the machine's label.**

## 6. MACHINE SAFETY INFORMATION

- 6.1 It is not allowed to operate the machine with the protective cover and other protective equipment removed.
- 6.2 Lifting, installation, electric, pneumatic maintenance of the machine should be carried out by qualified personnel only.
- 6.3 Routine maintenance and scheduled maintenance should be carried out by qualified personnel after unplugging the machine and disconnecting the air supply first.

- 6.4 Ensure that the machine has been cleaned, tested and maintain before starting to operate.
- 6.5 Check the safety devices, power cable and moving parts regularly. Don't operate the machine before having replaced defective safety devices or faulty parts.
- 6.6 Never replace the milling cutters before unplugging first.
- 6.7 Keep foreign materials away from the working area of the machine, keep away from the machine's moving parts

**IMPORTANT**

**The safety data have been defined above. In order to prevent physical damage or damage to the equipment, please read the safety information carefully and keep the manual always in an easy accessible place.**

## **7. OPERATION**

### **7.1 Preparation**

- 7.1.1 Degrease and dry the machine table. Especially ensure that the holding grips and handles are clean and dry
- 7.1.2 Clean all surfaces of the machine from chip and foreign particles. Use eye glasses for protection.
- 7.1.3 SC 550P cutting machines cut the products made of aluminium, wood and hard plastic materials that are not ferroalloy. The operator adjusts the saw cutting progress according to the type and size of the material to be cut. (Figure-9 No 19) the internal and external sharp edge ports of circular saw provides you to get rubbed surface in high quality.
- 7.1.4 Control cutting tools against corrosion, distortion and fractions. If cutting tools are damaged, change them.
- 7.1.5 Cutting tool must process on the part after machine is operated and cycled..
- 7.1.6 **Do not process the profile before clamping the work piece properly.**

7.1.7 Adjust the reducer speed adjustment screw (See Figure-11) by rotating in the direction of clockwise until providing the desired progress if the saw group cutting progress is fast. Make the opposite of the above action if the saw group cutting progress is slow.

7.1.8 According to the type and shape of the material to be cut it can be adjusted by controlling the clamp speed.



**Ensure that the pneumatic clamps are outside the cutting range of the saw blade after adjusting the desired angle. (PICTURE 12)**

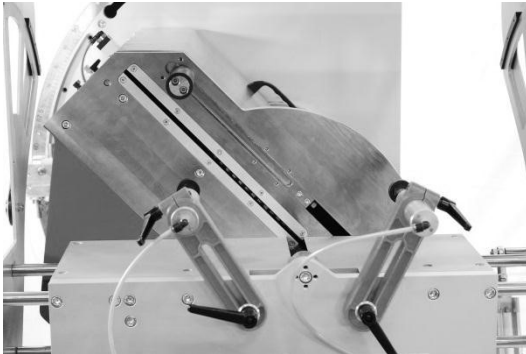
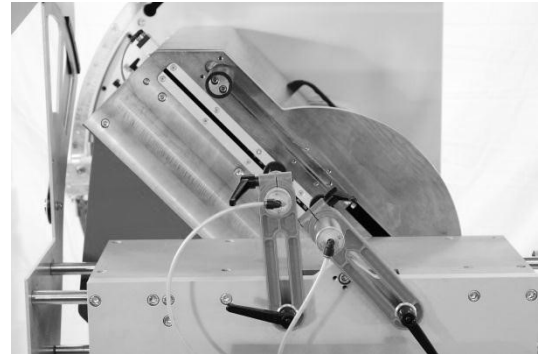


FIGURE-12





## 7.2 Operation



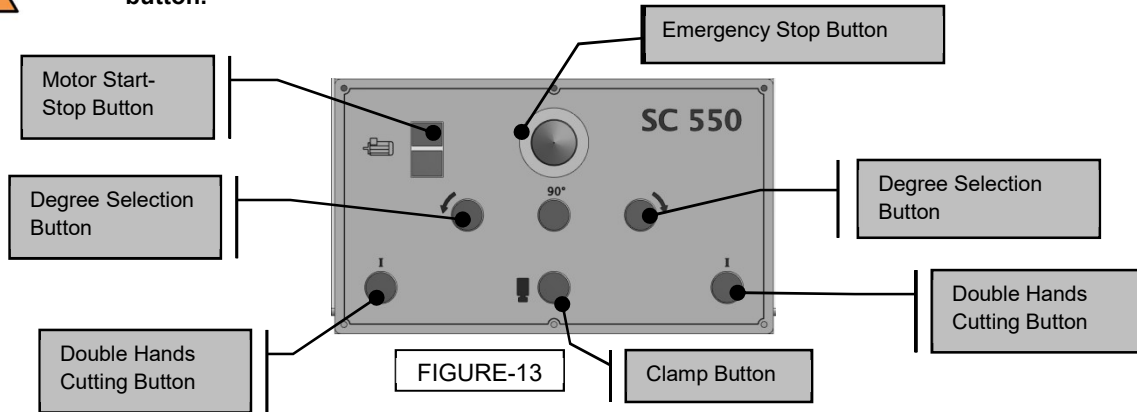
**When the machine is opened from the Main Switch (FIGURE 3 NO 9) or the Emergency Stop button is pressed, any one of the degree selection buttons shown in the FIGURE 13 should be pressed for the machine to come to reference**

- 7.2.1 Place material that you are going to process on to the table Fix it with clamps (FIGURE 6 NO.12) on the table.
- 7.2.2 The cutting direction angles of heads are determined with the Degree selection button seen in the FIGURE 13. When button is taken to which direction position (internal angle or external angle), the head will go that angle in that direction.
- 7.2.3 Whichever head angle is adjusted to adjust the internal side angle it is put firstly towards external side angle. The fastening pipe in the internal side are loosens and the safety catch is pulled backward and after it is brought to the desired angle and then left, the safety catch is also left. Finally the fastening pipe is tightened again and the adjustment of the internal side is completed.
- 7.2.4 Whichever head angle is adjusted to adjust the external side angle it is put firstly towards internal side angle. The article 7.2.5 is applied..
- 7.2.5 Bring the "**Degree adjustment stop**" to the desired angle value and tighten the fastening pipe on it (see FIGURE 7 NO 15). If the angle value of the part to be cut is one of the 15-22.5-30-45-90 degrees, be sure that the "**safety catch axle** " runs to the hole slot in the channel. If the cutting action will be made in the space degrees except of the above mentioned degrees, there is no hole against the safety catch axle. It will be enough only to tighten the screws on the degree adjustment stop. After making these actions the button on that direction, from the degree selection buttons seen in the FIGURE 13, is pressed depending on the angle in sides of internal and external and the head is put in the desired angle. Furthermore, in any case the head is adjusted in any angle, when pressing 90 degree button, it comes to 90 degree automatically and without any adjustment.

- 7.2.6 Provide the vertical pneumatic clamps to tighten the part by using the clamp button on the machine (See FIGURE 13)
- 7.2.7 Provide the saws to rotate by pressing the motor start buttons on the control panel..
- 7.2.8 Provide the saw to come forward by pressing simultaneously the double hands safety modul buttons and then continue to press the buttons until the working part is cut. (When pressing the double hands buttons, the top protection will be closed automatically FIGURE 2 NO 3)
- 7.2.9 After the end of cutting action, remove the hand pressure on the button. Both of the saws will come to the initial position.
- 7.2.10 After the end of cutting action, remove the hand pressure on the button
- 7.2.11 Use the motor stop button to stop the saw rotation.



**NOTE: Remove the pressure on the cutting buttons in a possible hazard, or press the emergency stop button.**



## 8. MAINTENANCE, SERVICE AND REPAIR

### 8.1 Maintenance

- 8.1.1 Cut the electric and pneumatic (if any) power connections of the machine.
- 8.1.2 Clean all surfaces of the machine from burs, chips and foreign substances. If the machine will not be used for a long time, lubricate undyed parts with oil that prevents rusting.
- 8.1.3 When cleaning the machine, do not use materials that may damage the dye.
- 8.1.4 Control cutting tools against corrosion, distortion and fractions. If cutting tools are damaged, change them..
- 8.1.5 Before using cutting tool, operate the machine out of gear and control whether it is inserted correctly, it is without flexure and it is inserted appropriately. Do not use cutting tools that are damaged or lost its functionality.
- 8.1.6 If the sawteeth are blunted, change immediately with a new / sharpened saw.
- 8.1.7 Sharpen with proper sharpening machines by taking the angular value of the saw into consideration.

### 8.2 Changing the cutting tool

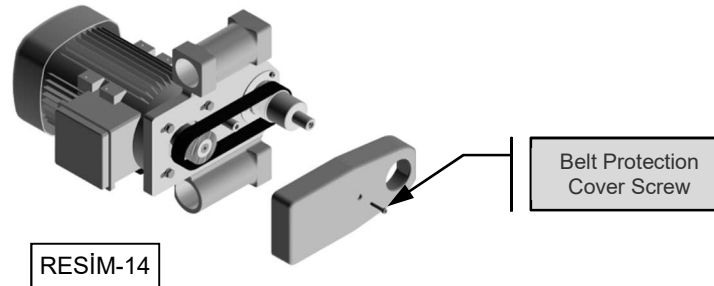


- 8.2.1 Use protective gloves when replacing Saw
- 8.2.2 Cut the electric connection of the machine.
- 8.2.3 Fix the saw switch (Picture 12 NO: 28) to flange and head as shown in the picture (10-12 Picture NO: 25-20)
- 8.2.4 Take the M10 screw (Figure 15 159 number) outside by rotating in the direction of counter clockwise with 8mm Allen switch. (Hold with 17 two-edged switch from the side in the saw axle of which switch edge is opened)

- 8.2.5 Remove the connection parts of cutting set in the right order.. (PICTURE 10 NO 23/25/26)
- 8.2.6 Remove the saw carefully
- 8.2.7 Mount the saw by being sure that the rotation direction onto the axle is true.
- 8.2.8 Replace all removed parts in the same order.
- 8.2.9 By holding the M10 Allen screw by 8mm Allen switch and the saw axle simultaneously by 17 switches tighten in the direction of clockwise.
- 8.2.10 **The saw selection should be made proper to EN 847-1 Standard.**

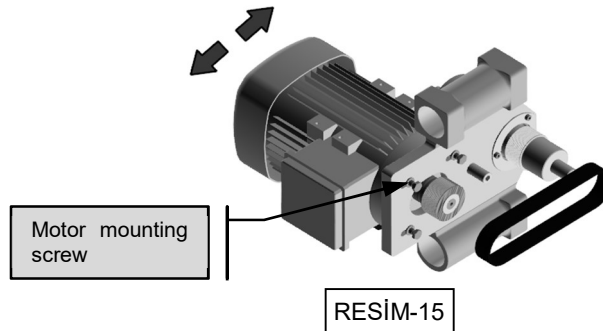
### 8.3 Adjust the air pressure (pneumatic systems)

8.3.1 Remove the bolt that fastens the belt housing cover and remove the cover.

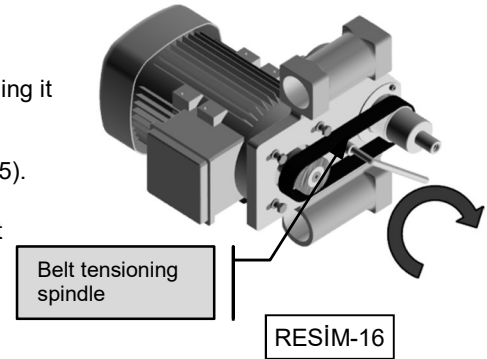


8.3.2 Loosen the motor mounting screws by using a wrench

8.3.3 After the motor mounting screws are loosened, tension of the belt will be reduced by moving the motor forwards or backwards and then the belt will be removed.

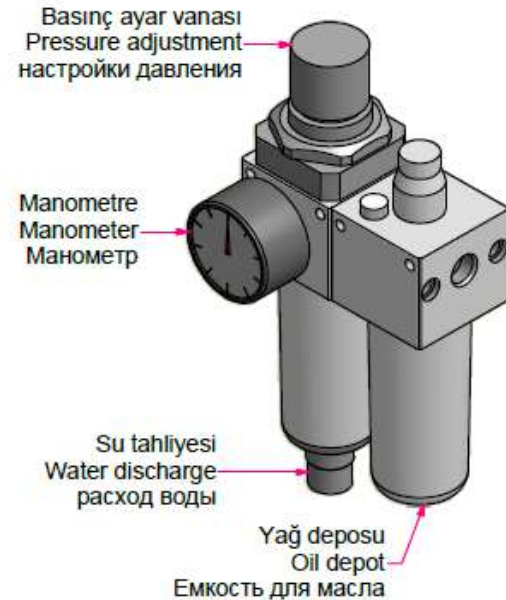


- 8.3.4 Install a new belt in place of one that you have removed.
- 8.3.5 After installing the new belt, tighten the tensioning spindle by turning it clockwise by using a no. 8 allen wrench and tension the belt.
- 8.3.6 Retighten the motor screws after tensioning the belt (PICTURE 25).
- 8.3.7 Finally,complete belt replacement operation by fastening the belt housing cover



## 8.4 Adjust the air pressure (pneumatic systems)

- 8.4.1 Pull up pressure adjustment valve. Set adjustment valve to the desired value on manometer by turning it clockwise or counter clockwise. Then lock the valve by pressing it down.
- 8.4.2 Set the air pressure between 6 and 8 BAR. If air pressure drops below the stated values, accessories operating with pneumatic power do not work.
- 8.4.3 Conditioner unit accumulates the water in the air in the collection container so that it won't damage pneumatic components. At the end of the working day, empty the accumulated water by opening water discharge valve under the collection container
- 8.4.4 In order to put oil to the oil tank, remove the reservoir by turning. Oils recommended by the manufacturer are; ; TELLUS C10 / BP ENERGOL HLP 10 / MOBIL DTE LIGHT / PETROL OFİSİ SPINDURA 10.



## 9. NOISY EMISSION VALUES

<b>Material</b>	Aluminyum	<b>LwA</b>	98 dB (Measured Value)
<b>Lenght</b>	1000	<b>LpA</b>	93 dB (Average Sound Pressure Value)
<b>Width</b>	70	<b>K</b>	4 dB (Uncertainty in the Measurements)
<b>Height</b>	50		

The values given for the noise are the emission level and it does not show that it is in the safe working level. A connection between emission and exposure levels is available, however it is not used confidently for the determination whether these more advanced precautions are necessary or not. The factors that affect the real level of exposure, affecting the working power, are residence time, features of working place, in other words other noise resources, actions on other side and the number of the machines. Furthermore, the exposure level given permission can change from country to country. This informing, however, provides the machine user to evaluate the hazard and risks well.

<b>Machine Characteristic Information</b>		<b>Saw Characteristic Information</b>	
<b>Testere Dönüş Hızı</b>	2400 dev / dak	<b>Saw Size</b>	550 mm
<b>Motor Gücü</b>	2 kW	<b>Saw Thickness</b>	4.2 mm
<b>Nominal Gerilim</b>	400 V	<b>Saw Shaft Thickness</b>	3.4 mm
		<b>Saw Progress Speed</b>	64 m / sn. (Aluminyum material)



## **10. WARRANTY CONDITIONS**

YILMAZ Machine Industry and Trade Limited Company, guarantees that all machines have been tested and conform to the international standards.

The guarantee is valid 24 months from despatch date and does not cover the electrical parts of the machine.

During this period:

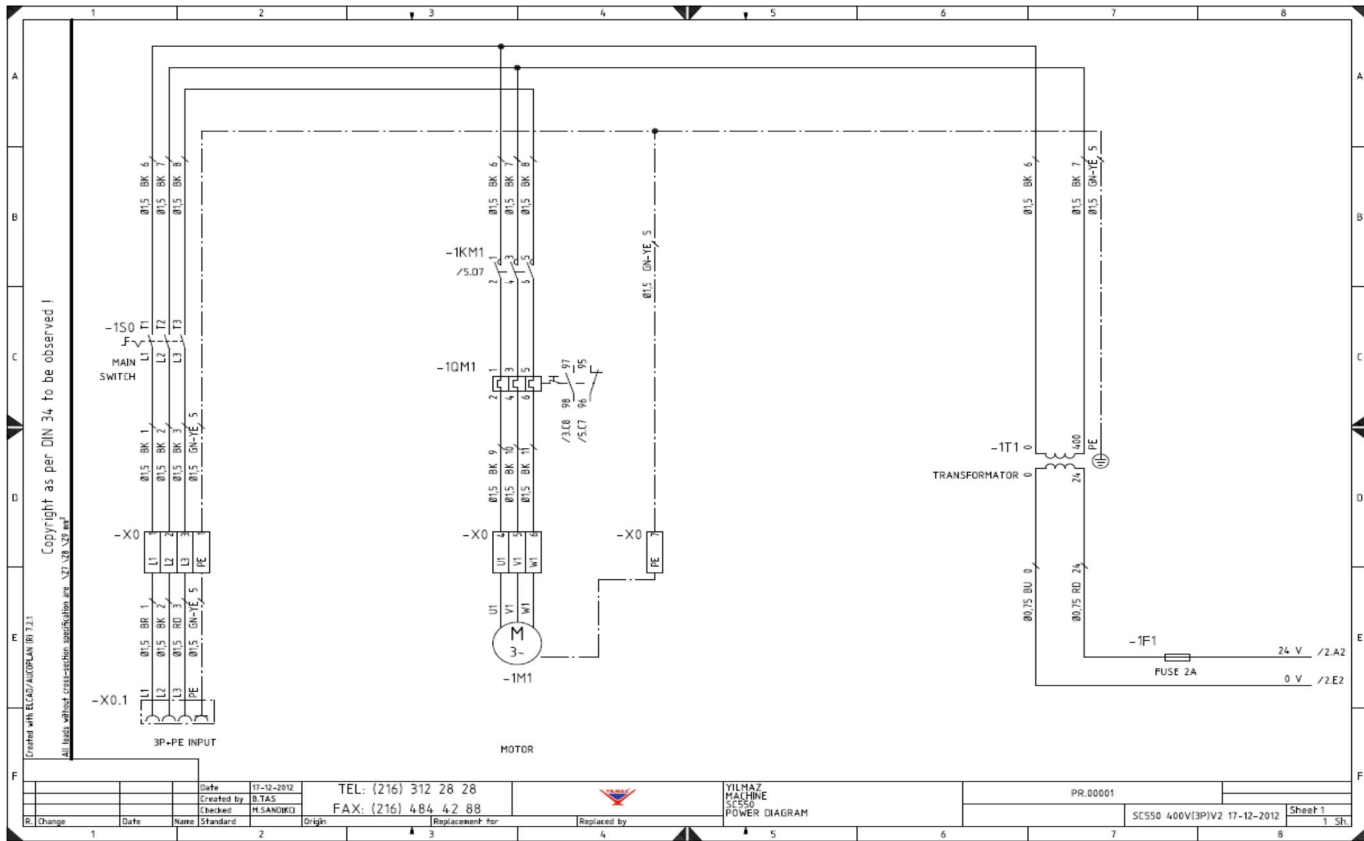
- Any repair and replacement effected at our workshop is completely free of charge (only transport costs are at customer's charge).
- For repair and replacement effected by our technician at the customer's site, we will invoice only the travel and lodging costs for our technician.

The guarantee does not cover damages caused by:

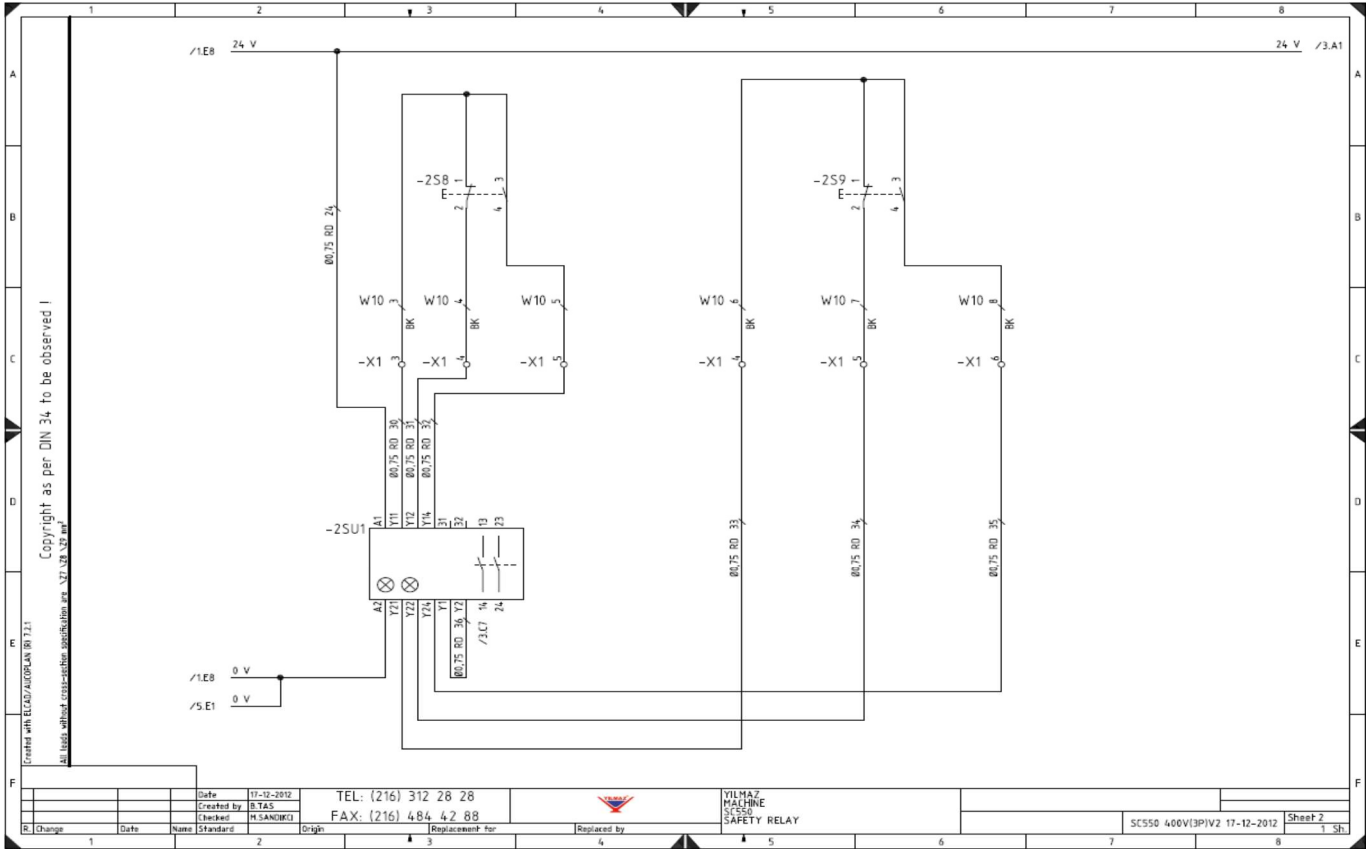
- not respect of the rules indicated in the manual instruction book
- not correct voltage
- improper use or use not in accordance with what the Machine has been designed for
- use of non original tooling
- programming errors
- lack of cleaning and of ordinary maintenance by the customer
- transport or displacement (even inside the workshop)
- natural events (lightings, fires, floods)

The warranty does not cover, in any case, damages caused by the malfunction of the Machine

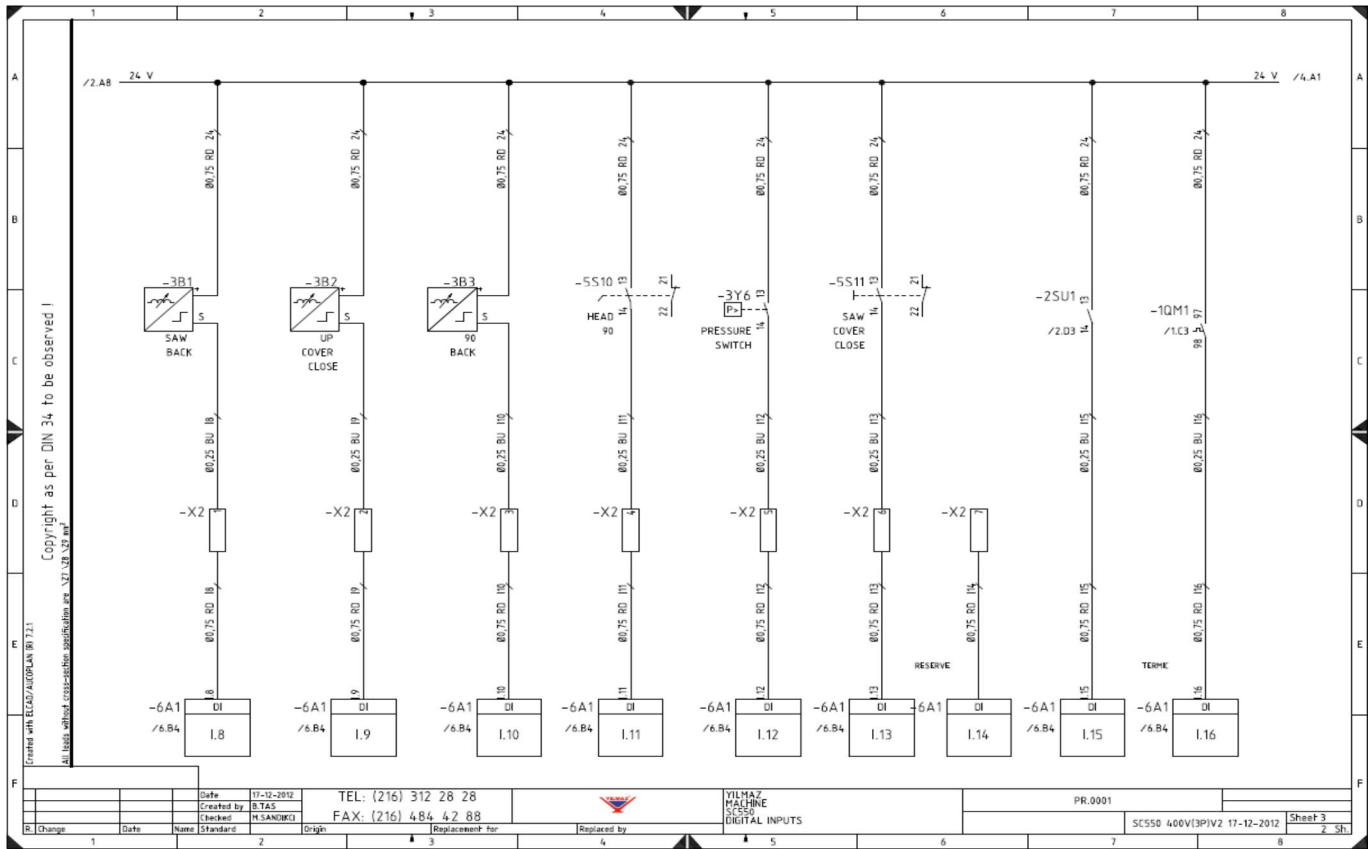
# ELECTRIC&PNEUMATIC DIAGRAM



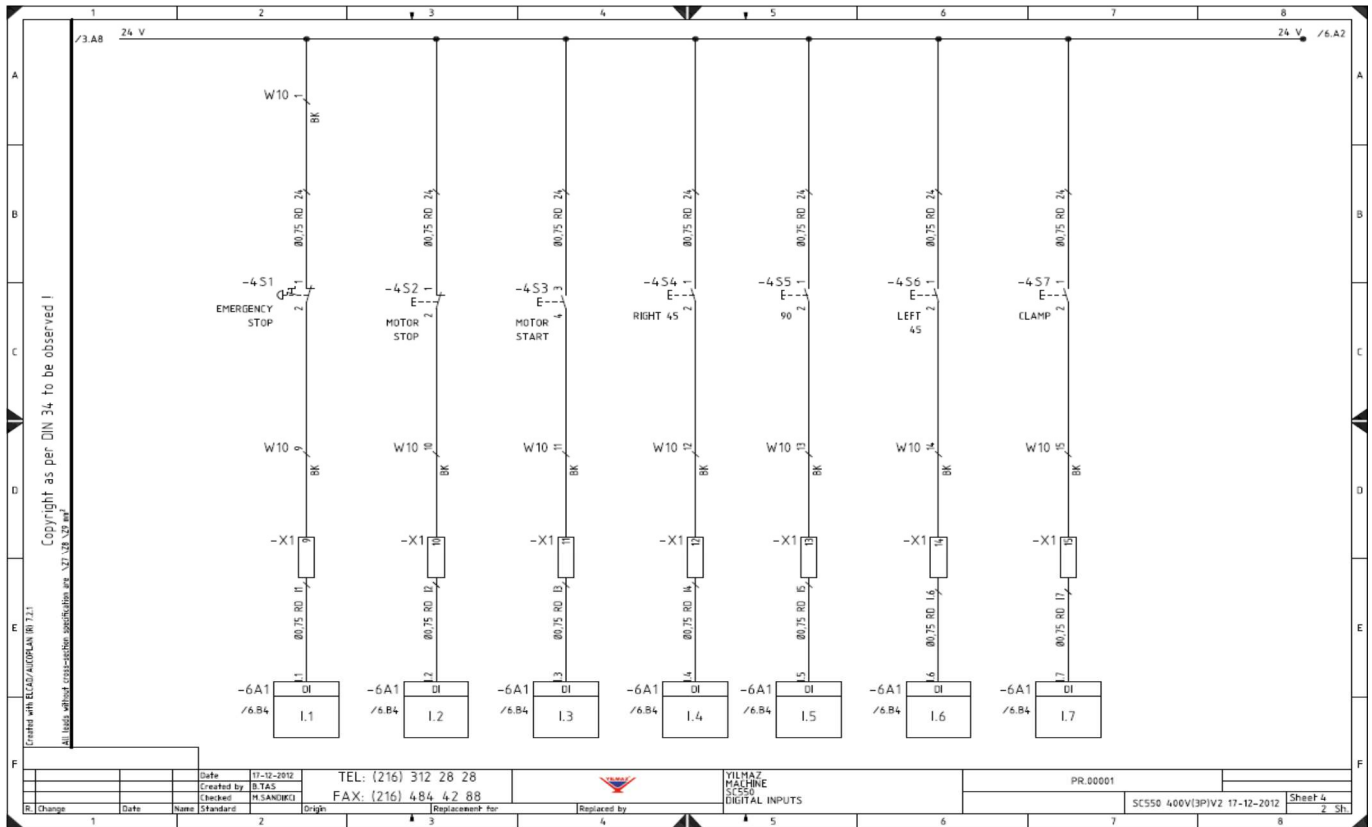
**3P ELECTRICAL DIAGRAM SHEET 1**



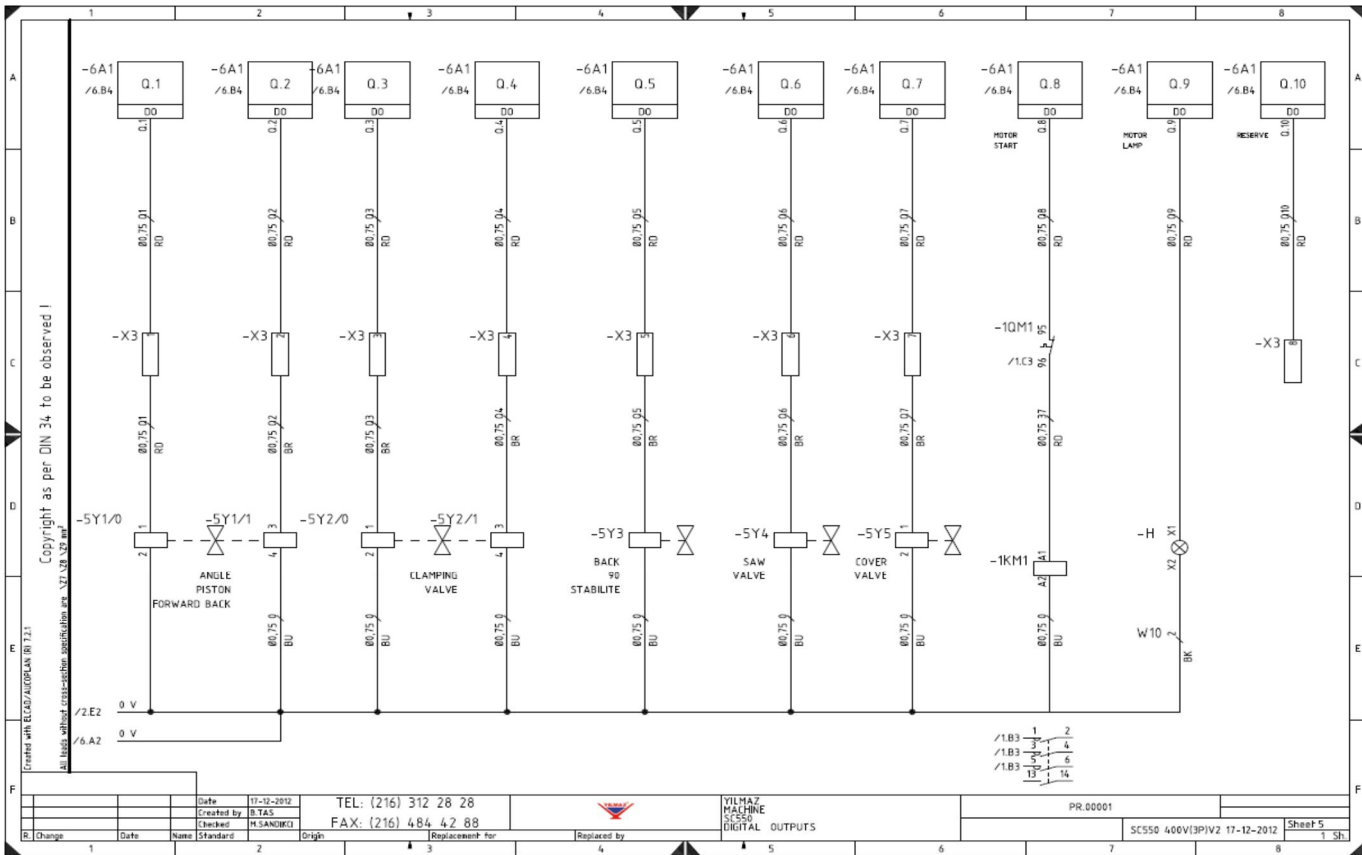
### 3P ELECTRICAL DIAGRAM SHEET 2



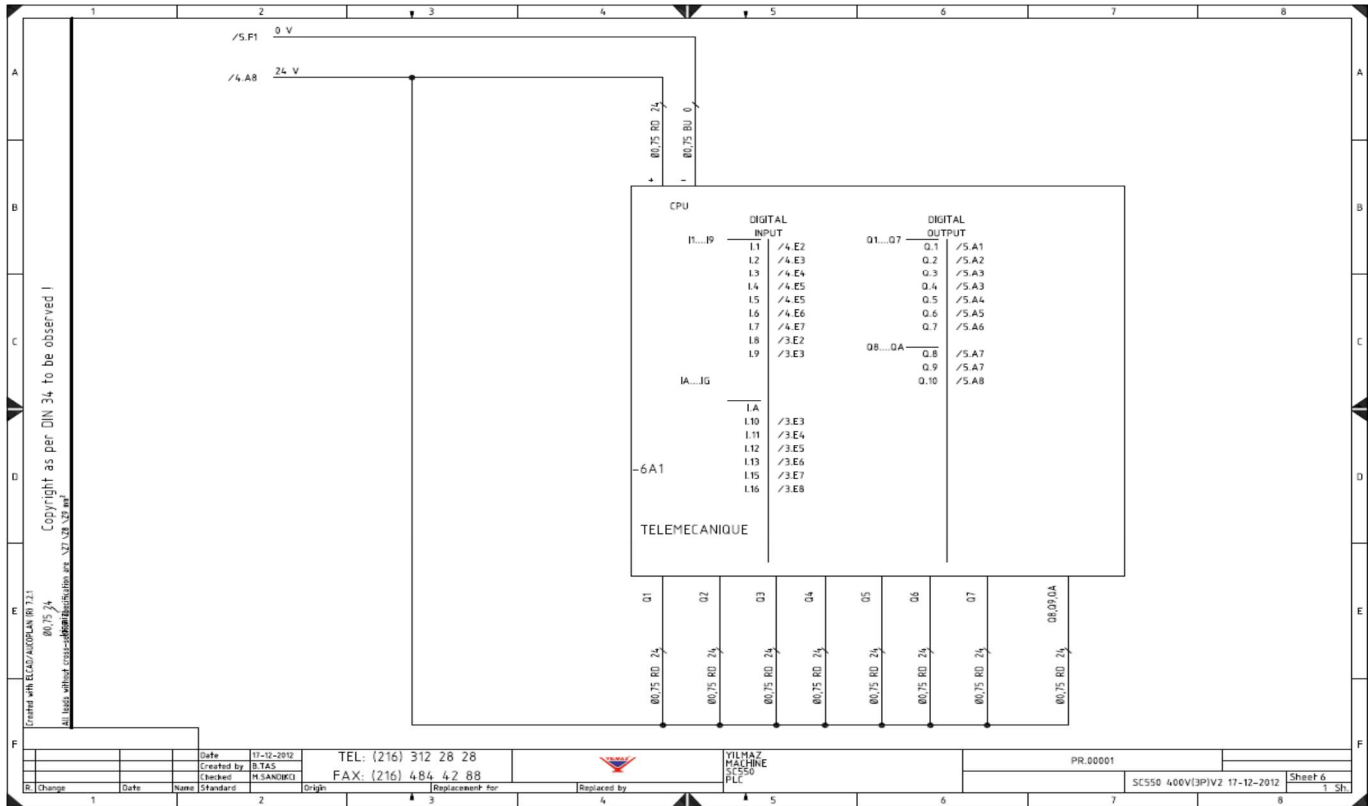
3P ELECTRICAL DIAGRAM SHEET 3



3P ELECTRICAL DIAGRAM SHEET 4

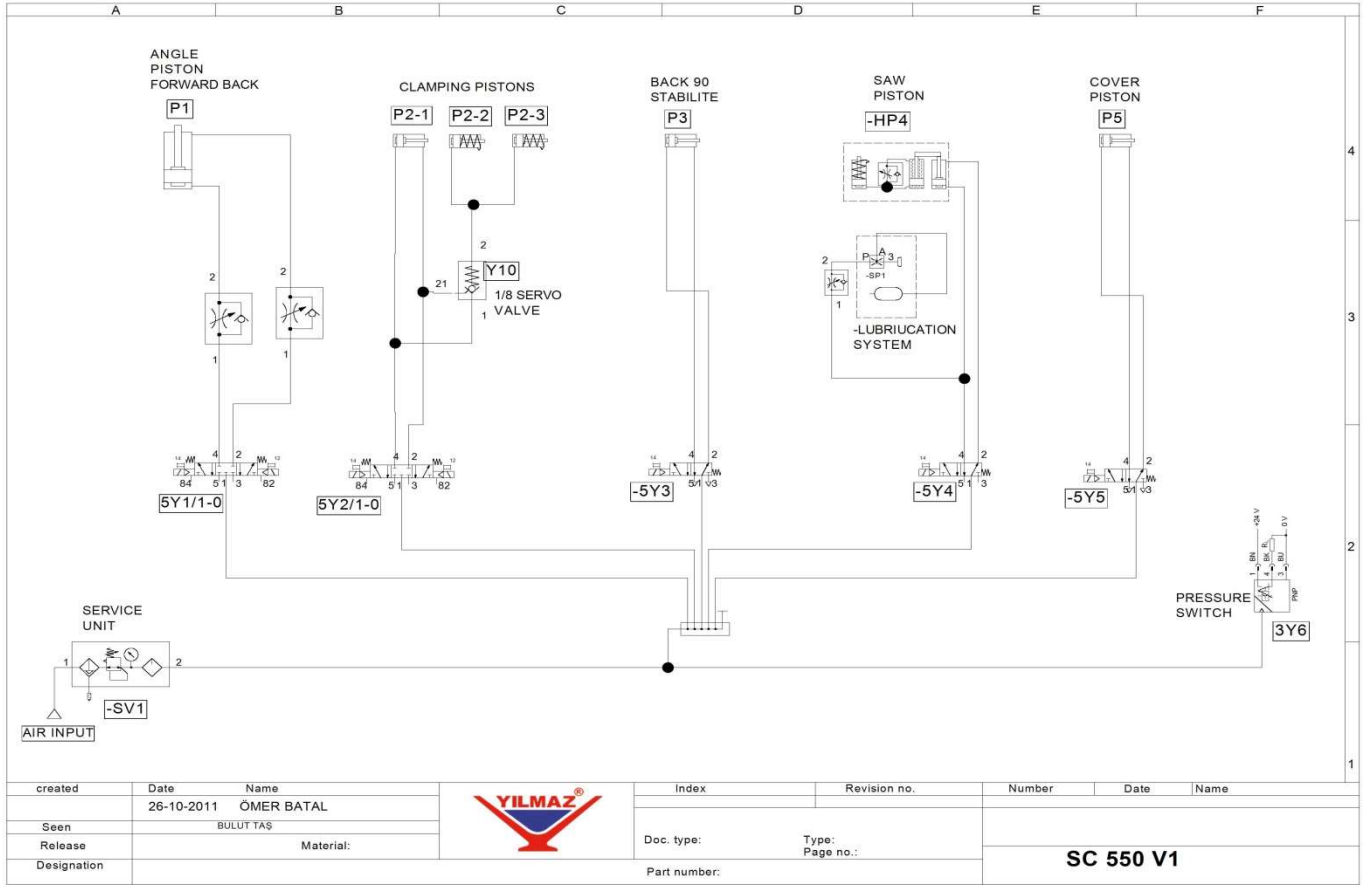


### 3P ELECTRICAL DIAGRAM SHEET 5



3P ELECTRICAL DIAGRAM SHEET 6





PNEUMATIC DIAGRAM