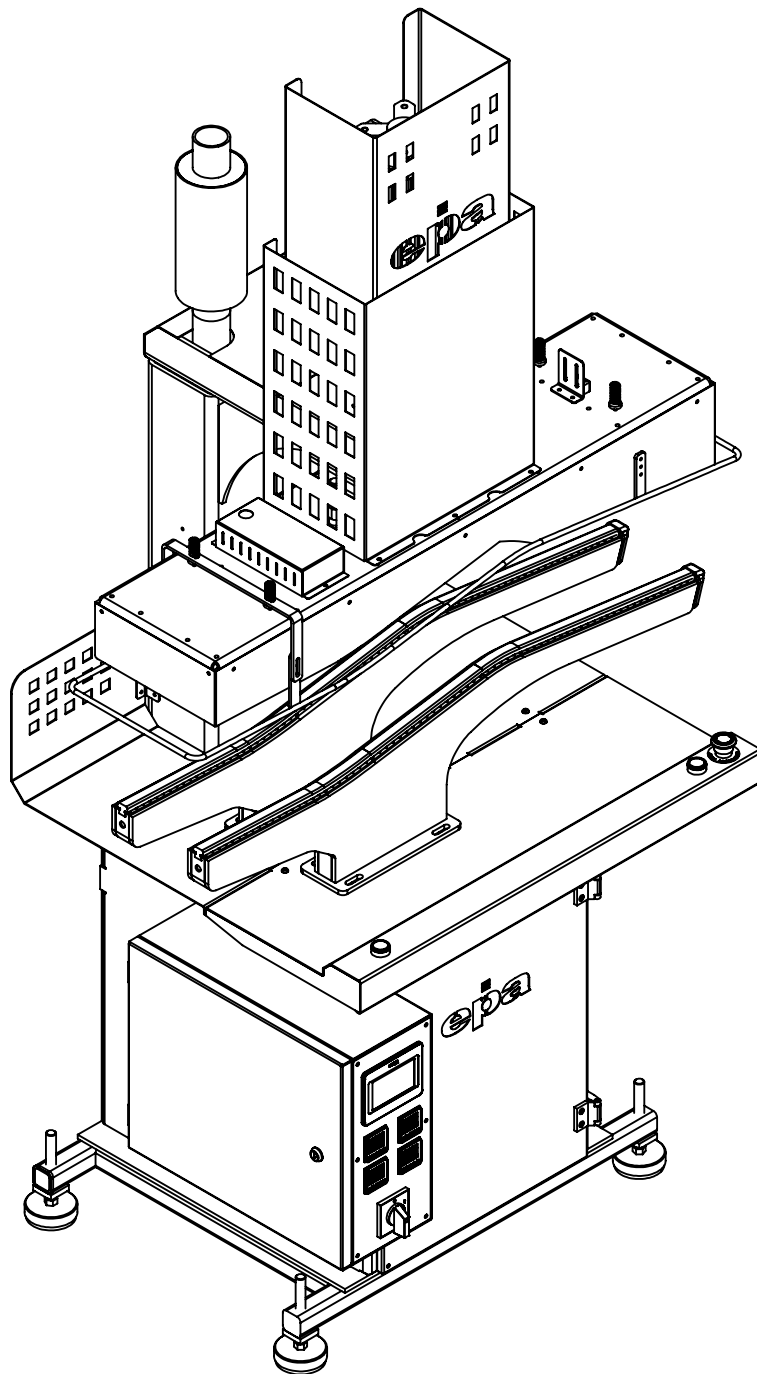


EPA 720

SHIRT & SIDE SEAMING MACHINE



MOD : EPA 720



ATTESTATION

of product conformity

Certificate NO : 2024-PTC-5431

PTC Technical Inspection and Certification

ATTESTATION OF COMPLIANCE

(UYGUNLUK ONAYI)



By examining the technical files and test reports, it has been determined that the specified product complies with the 2006/42/EC Machinery Safety Regulation published by the European Union Technical Commission.

Teknik dosya ve test raporları incelenerek belirtilen ürünün Avrupa Birliği Teknik Komisyonu tarafından yayımlanan 2006/42/AT Makina Emniyeti Yönetmeliğine uygunluğu saptanmıştır.

Manufacturer (Üretici) : EPA TEKNOLOJİ VE OTOMASYON MAKİNALARI SAN.TİC.LTD.ŞTİ.

TEVFİKBEY MAH.ŞEHİT EROL OLÇOK CAD. NO.16 34295 SEFAKÖY KÜÇÜKÇEKMECE-İSTANBUL- TURKEY

Applicant (Başvuru Sahibi) : EPA TEKNOLOJİ VE OTOMASYON MAKİNALARI SAN.TİC.LTD.ŞTİ.

TEVFİKBEY MAH.ŞEHİT EROL OLÇOK CAD. NO.16 34295 SEFAKÖY KÜÇÜKÇEKMECE-İSTANBUL- TURKEY

Product (Ürün) : YAPIŞTIRMA VE ÜTÜLEME MAKİNESİ / GLUING AND IRONING MACHINE

Trademark (Marka) : EPA AKIN

Type / Model (Tip / Model) : EPA 200, EPA 201, EPA 202, EPA 203, EPA 203L, EPA 203XL, EPA 203 XXL, EPA 203 AP, EPA 204, EPA 205, EPA 206, EPA 207, EPA 209, EPA 210, EPA 252, EPA 305, EPA 306, EPA 307, EPA 308, EPA 401, EPA 402, EPA 403, EPA 404, EPA 405, EPA 406, EPA 152-00, EPA 152-01, EPA 152-02, EPA 152-03, EPA 152-03D, EPA 152-04, EPA ACE902, EPA 700, EPA 710, EPA 720, EPA 721, EPA 722, EPA 724, EPA 725, EPA 726, EPA 727, EPA 740, EPA 740/20, EPA 720/24, EPA 740/25, EPA 740/26, EPA 744, EPA 744/20, EPA 744/24, EPA 744/25, EPA 744/26, EPA 150, EPA 151, EPA 153, EPA 630, EPA 630T, EPA 631, EPA 1010, EPA 8000 SERIES

Base of Attestation (Onay Dayanağı) : TS EN 60204-1:2018; TS EN ISO 12100



www.ptc.com.tr

ID NO : 2612019

The certificate is issued after testing of the named product(s) and/or audit of the technical documentation and confirms that the tested product complies with the essential protection requirements of the mentioned directives on a voluntary basis.

Sertifika, belirtilen ürünün/ürünlerin test edilmesinden ve/veya teknik dokümantasyonun denetlenmesinden sonra verilir ve test edilen ürünün, belirtilen direktiflerin zorunlu koruma şartlarına gönüllü olarak uygun olduğunu onaylar.

The referred technical file(s) shows that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements listed EU Directive(s) above, other relevant Directives and standards have to be observed. This attestation does not abrogate the compulsory obligation of the manufacturer to issue the declaration of conformity.

Diğer ilgili standartlara ve direktiflere uyulmalıdır. Bu onay üreticinin uygunluk beyanı düzenleme zorunluluğunu ortadan kaldırmaz. Referans teknik dosya ile ürünün yukarıda belirtilen AT Direktiflerinin temel gereklerine uygunluğu kabul edilir.

Date / Tarih : 27/09/2024

Date of Issue / Basım Tarihi : 27/09/2024

Expiry to / -e Kadar Geçerli : 27/09/2025

PTC Ürün Test ve Belgelendirme San. Tic. Ltd. Şti.



PTC

**Ürün Test ve Belgelendirme
San.Tic.Ltd.Şti**

Örnek Mah. Udi Hasanbey Sok. No: 31
Reis Plaza Ataşehir / İSTANBUL
Tel: +0(216) 393 32 32
info@ptctesting.com – www.ptctesting.com



TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory

PTC ÜRÜN TEST VE BELGELENDİRME SANAYİ TİCARET LİMİTED ŞİRKETİ

Central Address: ÖRNEK MAH. UDİ HASANBEY SK. REİS PLAZA NO:31 A ATAŞEHİR İstanbul / Türkiye

is accredited in accordance with TS EN ISO/IEC 17025:2017 standard within the scope given in Annex following the assessment conducted by TURKAK.

Accreditation Number : AB-1374-T

Accreditation Date : 21.09.2018

Revision Date / Number : 07.04.2023 / 06

This certificate shall remain in force until **19.09.2026**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.

Gülden Banu Müderrisoğlu
Secretary General



Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA) in the scope of ISO/IEC 17025.

This document has been signed by Gülden Banu Müderrisoğlu on {t} with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.



CERTIFICATE OF REGISTRATION

EPA TEKNOLOJİ VE OTOMASYON MAKİNALARI SAN. TİC. LTD. ŞTİ.

TEVFİKBEY MAH. ŞEHİT EROL OLCOK CD. EPA APT. NO:16/1 KÜÇÜKÇEMECE/İSTANBUL

Sertifika Numarası / Certificate No: QA/TR/9001/1677

Yukarıda adı geçen kuruluş, aşağıda belirtilen kapsamda bir yönetim sistemi yürürlüğe koymuş ve uygulamakla olup ilgili standarda uygunluğu ALBERK QA TEKNİK tarafından onaylanmıştır.
The above-mentioned organization has put into effect a management system within the scope specified below and its compliance with the relevant standard has been approved by ALBERK QA TECHNIC.

ISO 9001:2015

(KALİTE YÖNETİM SİSTEMLERİ)
(QUALITY MANAGEMENT SYSTEMS)

KONFEKSİYON VE TEKSTİL MAKİNALARI İMALATI, SATIŞI VE SERVİSİ
CLOTHING AND TEXTILE MACHINERY MANUFACTURING, SALES AND SERVICE

IAF KODU / IAF CODE: 18

Bu belge, firma ISO 9001:2015 standardının gerekliliklerini yerine getirdiği ve ALBERK QA TEKNİK'e karşı sorumluluğunu taşıdığı sürece geçerlidir.
This certificate is valid as long as the company fulfills the requirements of the ISO 9001:2015 standard and bears its responsibility towards ALBERK QA TECHNIC.

Sertifika Düzenleme Tarihi : 03.10.2024
Certificate Issue Date : 03.10.2024
Sertifika İlk Yayın Tarihi : 03.10.2024
Certification First Issue Date : 03.10.2024

Sertifika Geçerlilik Tarihi : 02.10.2025
Certificate Validity Date : 02.10.2025
Sertifikasyon Periyodu / Bitiş Tarihi : 3 Yıl / 02.10.2027
Certification cycle / End Date : 3 Years 02.10.2027

Sertifika Revizyon Numarası ve Tarihi : 00/03.10.2024
Certificate Revision Number and Date : 00/03.10.2024

Genel Müdür
Latif Murat YILMAZ

ALBERK QA ULUSLARARASI TEKNİK
KONTROL VE BELGELENDİRME A.Ş.
Küçükbakkalköy Mahallesi Kayışdağı
Caddesi No: 13 İç Kapı No: 1
Ataşehir / İstanbul / TÜRKİYE
Tel : 0216 572 49 10-11-12
Fax : 0216 572 49 14
www.qatechnic.com

FR-200-2, Rev.01, 01.05.2024

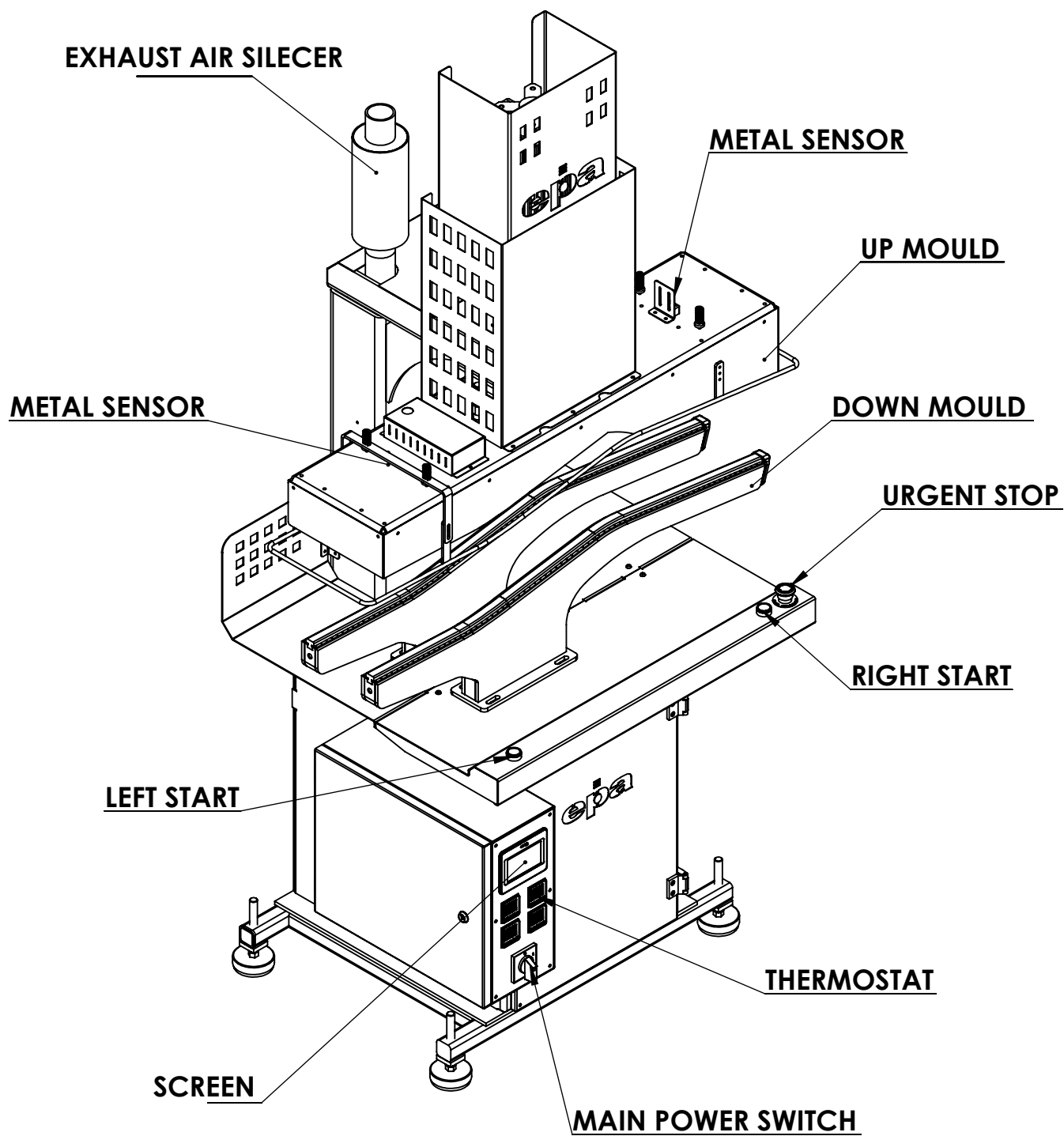


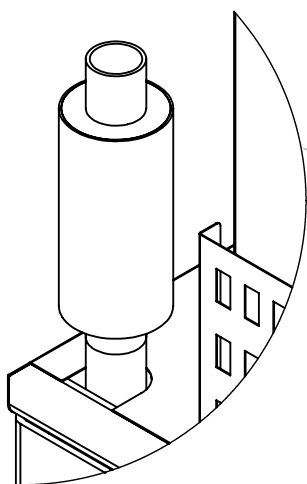
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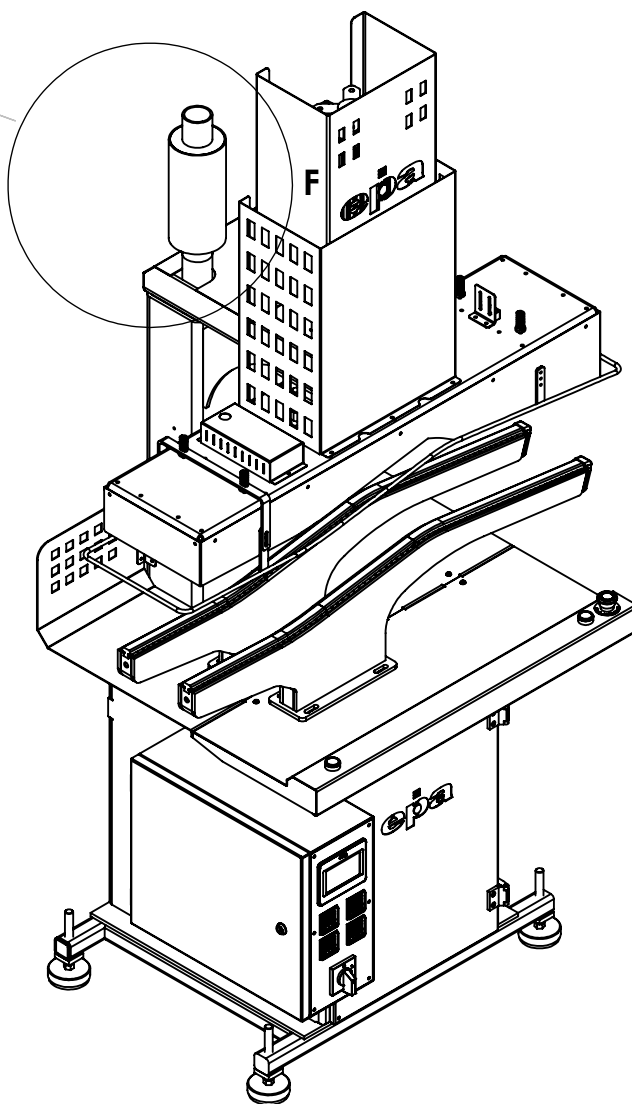
LABEL INFORMATIONS

Machine name	SIDE SEAMING MACHINE
Type	EPA 720
Serial number	
Production date	
Voltage	380 V
Power	9 Kw
Weight	400Kg
Operation pressure	6 Bar





EXHAUST AIR SILENCER



Exhaust air silencer is used to prevent noises that occur while the machine is working.

2-GENERAL CHARACTERISTICS

A-CHARACTERISTICS AND OPERATION AREAS

EPA 720 , shirt side seaming pressing machine , is only used at forming apparels such as shirts and blouses. In case of any false use other than stated at this handbook, producing company cannot be held responsible for the accident and damages occur to the people or goods. Proper use of EPA 72D provides and excellent fusing and preferred forms.

It runs with PLC system.

The operation of mould changing is very simple. It has ergonomical characteristics so workers do not need to spend too much effort. Due to controlled heat system it is able to work on desired heat.

The machine is equipped with a pressing assembly which can reach temperatures exceeding 190°C during the pressing process. Please pay more attention while touching these parts.

Before starting machine maintenance, part changing or adjustment please disconnect the machine from basic power supply source and compressed air source. Also wait for the areas involved in the pressing process to cool down.

Do not use your machine in excessive dusty places.

Compressed air that you will use should be dry and preserved from unknown oils.

ATTENTION:

Machine should not be exposed to outdoor conditions such as rain, sun etc.

3-SECURITY MEASURES



When next warning sign is seen danger for the user must be understood. Therefore maximum attention should be showed while getting close to these areas.

If you need to open the control panel which contains electrical parts, first stop the power.

Before using the machine, please read the user manual and other instructions that are the part of the machine accessories. Please keep the manual and explanatory documents as easy reference guides.

In order to avoid death or injury, do not use the machine other than its intended purposes.

EPA does not accept any responsibilities for the death and injuries occur due to the usage of the machine for purposes other than its intended purposes.

In order to avoid accidents might end up with death or injuries do not modify the machine.

A-TRAINING

Training is mandatory for the operators so that they can use the machine safe and have the enough information also skills. Buyer company should arrange a training schedule for the operators.

B-CONDITIONS THAT EPA MACHINE NEEDS TO BE SHUT DOWN

To avoid accidents that might result with death or injuries the power must be turned off at the abnormal situations, malfunctions and power failures. During adjustments and the changes of the machine parts, turn the power off. The power should be turned off during controls, repairs or while the operator is not nearby the machine.

When you unplug in order to avoid electrical shocks, fault-current or fire do not handle the cable while unplugging use the plug itself.

C-CONDITIONS THAT REQUIRE TO TAKE SECURITY MEASURES

While lifting and replacing the machine ;consider the weight of the machine and mind the security.Check the "Label Information " for the weight of the machine.

In order to avoid fallings or rollings or accidents that might end up with death or injuries ; take security precautions before lifting and replacing the machine.

To avoid accidents that might end up with death or injuries ;make sure the connectors and cables are non-damaged, not out of joint or loose before you turn the power.

Do not ever touch the moving parts of the machine.

Original EPA spare parts should certainly be used while changing any part of the machine.

EPA is not responsible for the accidents occur as a result of non-original spare parts usage in no circumstances.

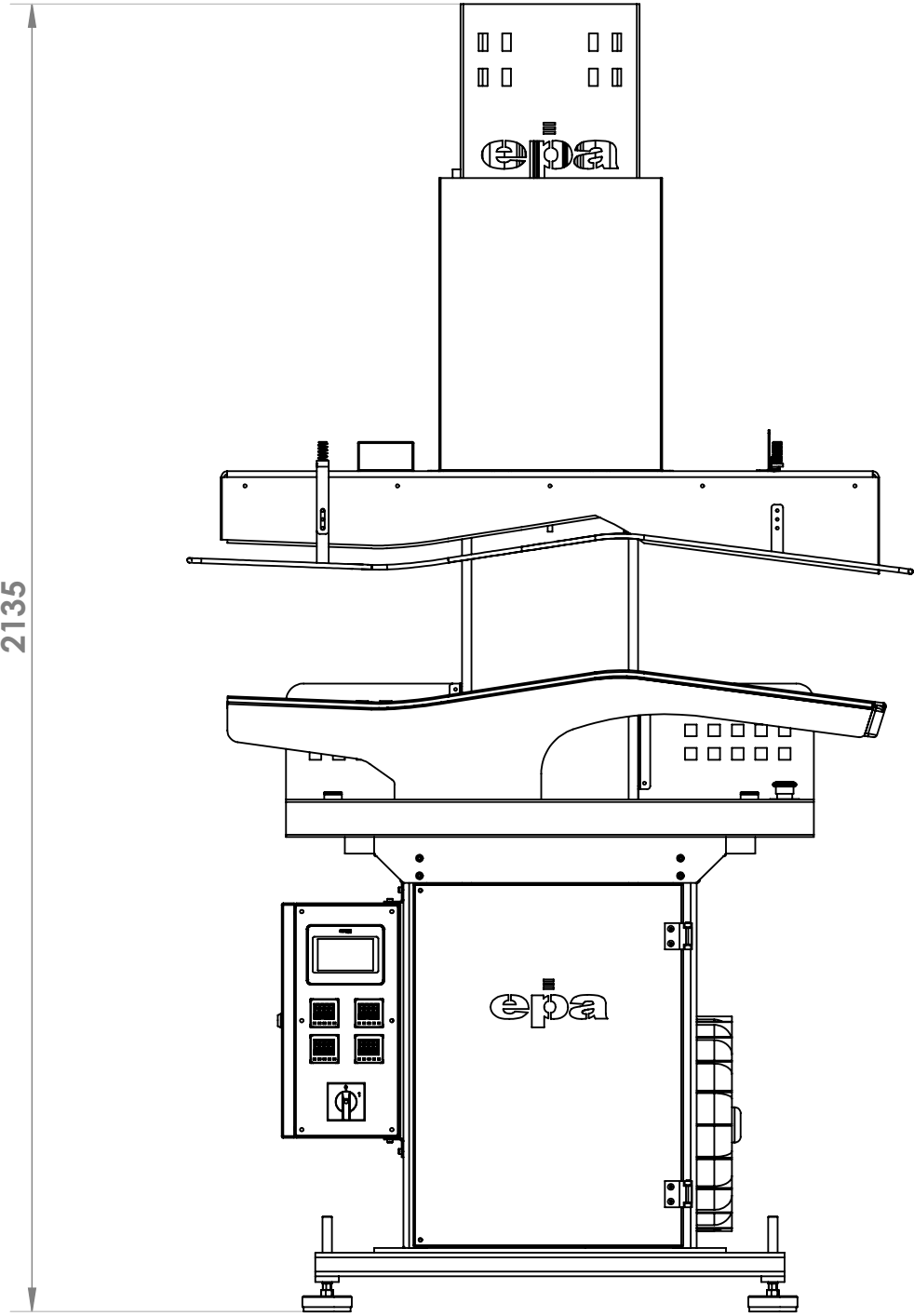
Seperate the machine from the main power supply and compressed air sources before ; the maintenance.

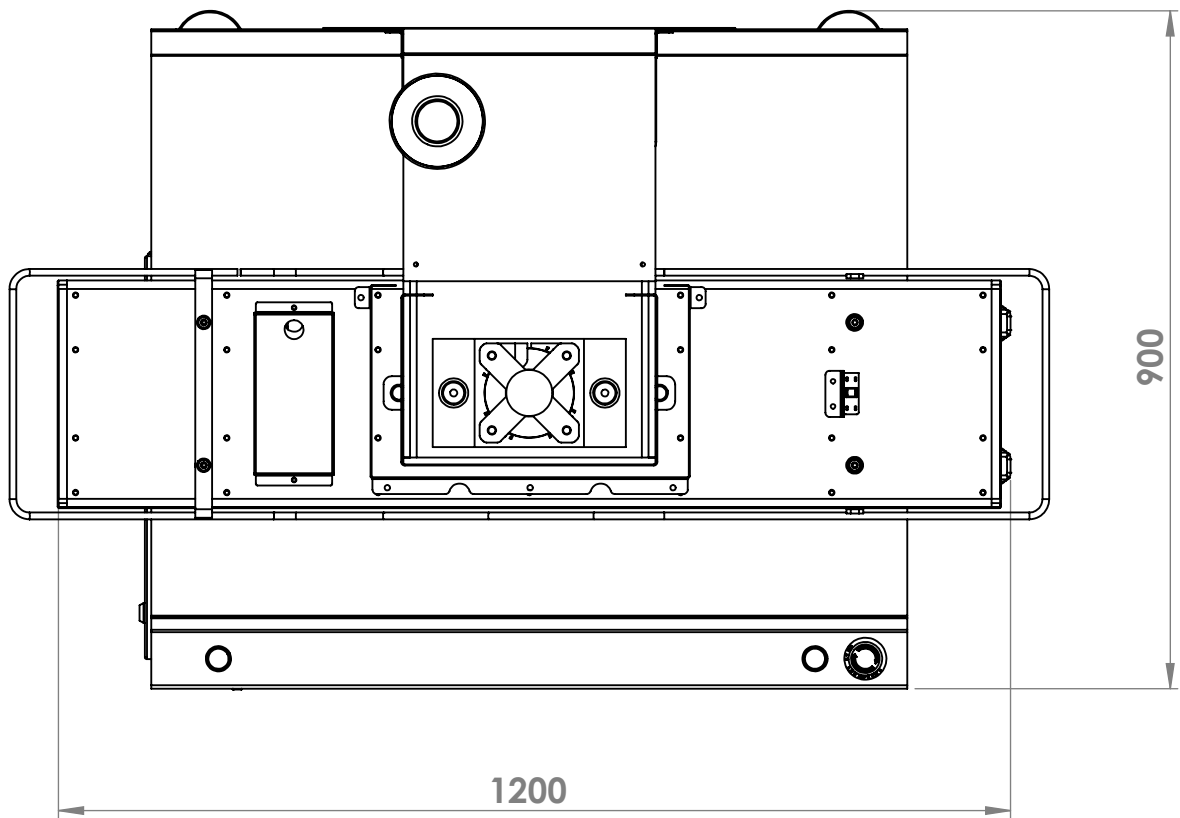
Make sure there are no loose bolts or nuts during the maintenance and part replacements.

Clean the machine on a regular basis.

If the machine does not work properly after repair or maintenance ;consult to EPA technical service in order to avoid accidents that might end up with death or injuries.

4-EPA 720 TECHNICAL INFORMATION





Machine runs with electropneumatic system.

-Adjustable heat control.

-Adjustable timing.

-Dimensions: 1200x900x2135 mm

-Weight: 400 kg

-Working compressed air: 6 bar

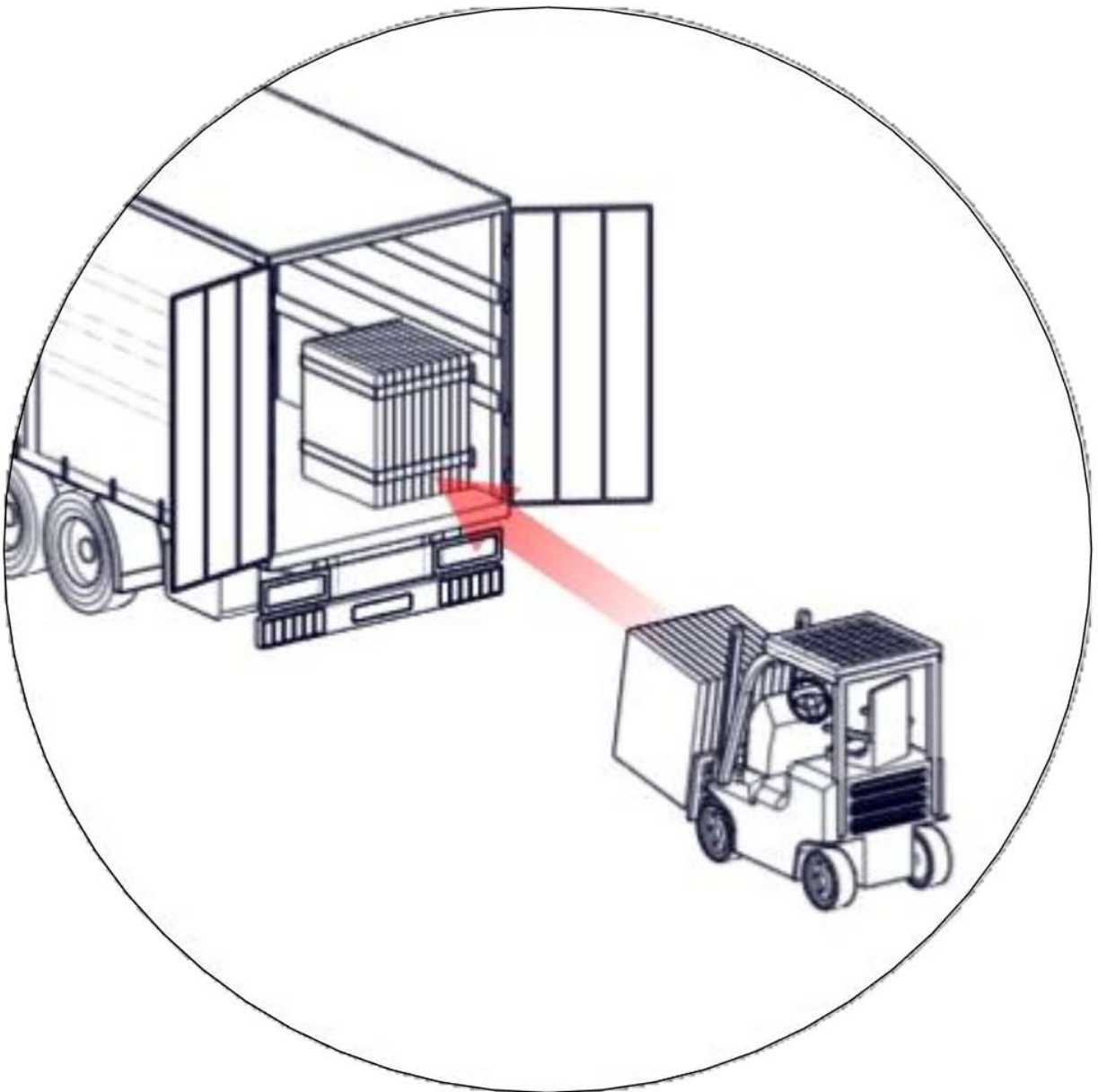
-Voltage: 380 V

5-LIFTING AND TRANSPORT

EPA 720 is transferrable as packaged or unpackaged .In both cases; make sure forks of the fork lift are adjusted with the weight of the machine.

While moving the machine ,front side of the machine should face the fork lift.

Machine should be placed on the truck with the fork lift and fastened firmly.



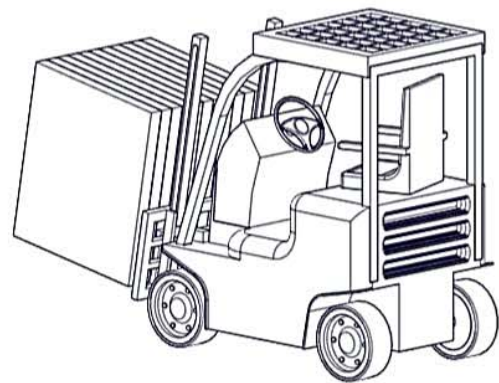
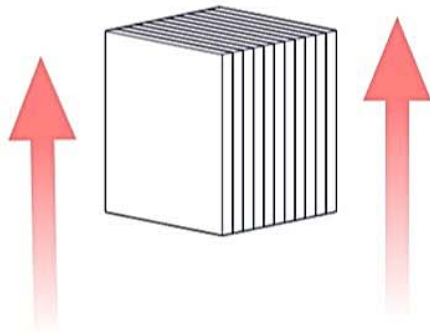
6-LOADING AND UNLOADING

Make sure lifting forks of the fork lift are adjusted for the exact weight of the machine during the movement.

Unpack the machine and turn its front face to the fork lift.

Cross the lifting forks of the fork lift under the machine and lift it.

Move the machine after placing it on a hard, flat surface which was not subject to the weather conditions.



7-INSTALLATION AND SET UP

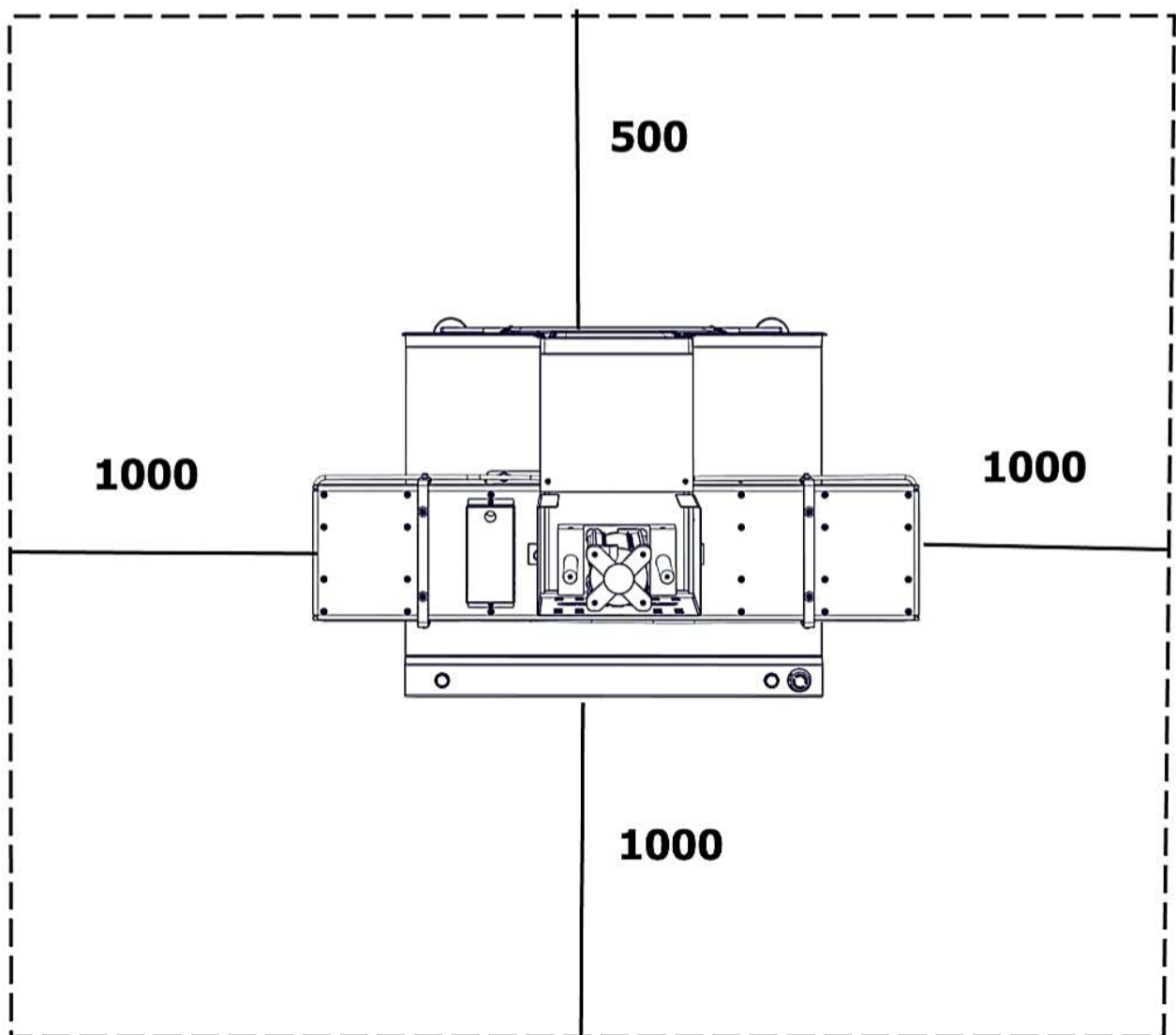
Producing company can not be held for the problems or malfunctions that may occur due to incorrect setups and insufficient main power supply connections.

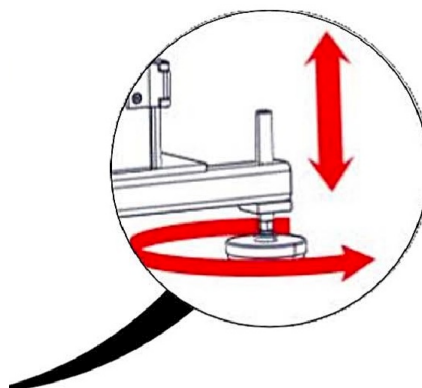
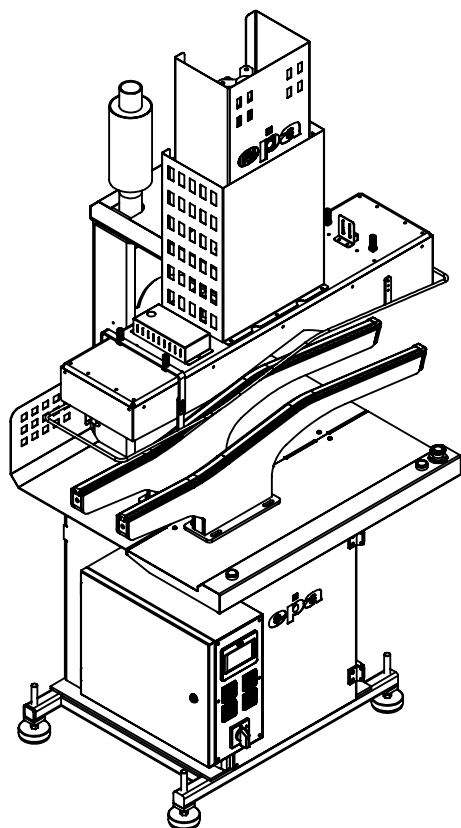
If the machine will be installed on a stationary surface ; please make sure that the surface is sufficient to carry the machine weight.

Do not set up the machine on the areas that flammable/explosive/sparkler substances will be present around the machine.

Make sure enough clear space is provided for the machine's operation and maintenance during the setup.

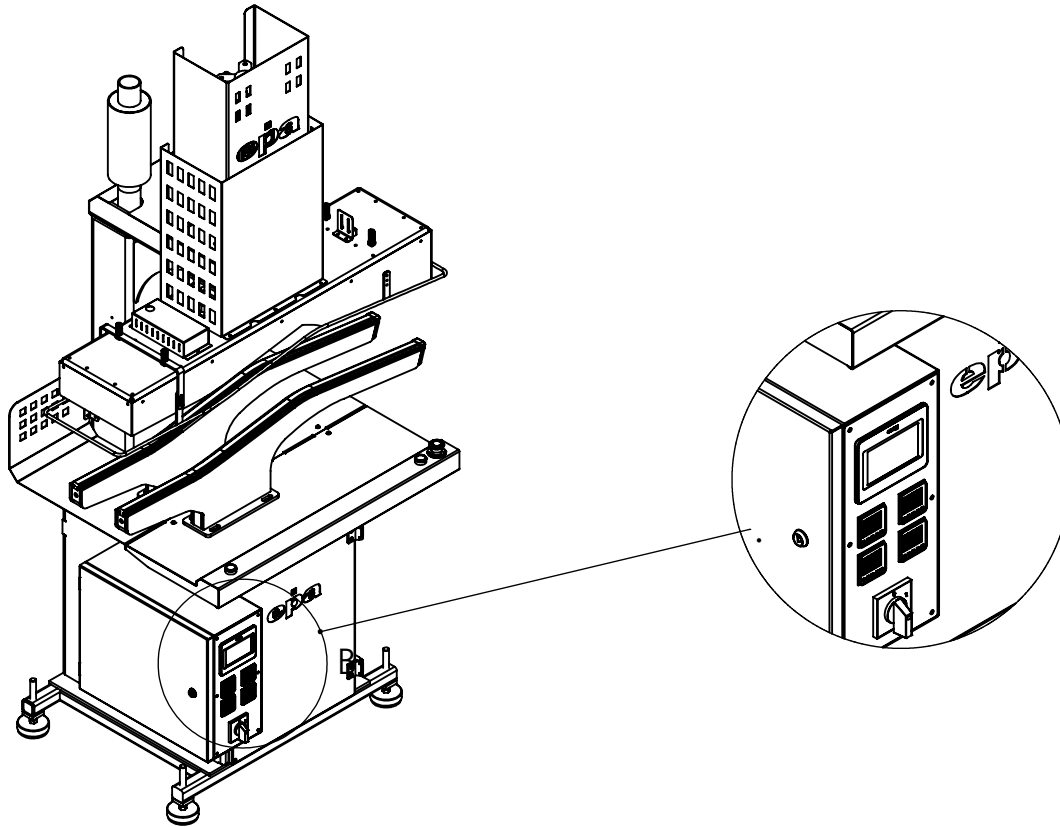
ATTENTION: This machine should be installed by the professionals/experts





Place your machine on a smooth and solid surface. Adjust the machine feet as seen in figure.

8- ELEKTRICAL CONNECTIONS



If the power connection cable is not on the machine, open the panel cover to connect the power cable.

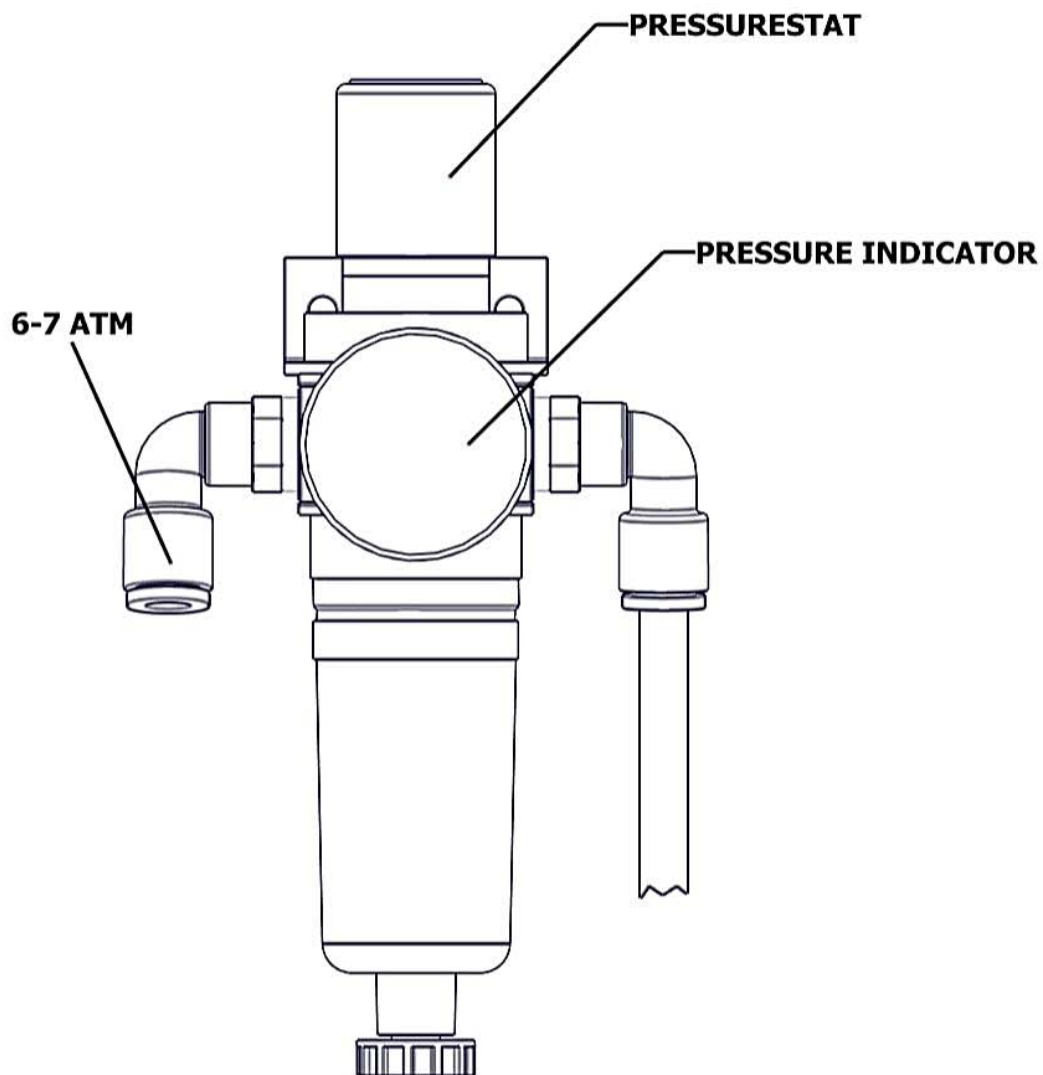
Pass the cable through cable holes.

Connect phase (L) and neutral (N), earthing connections to the related terminals.
Provide 380V power for the machine.



ATTENTION:DANGER Electric Shock Risk
This spot requires special attention.

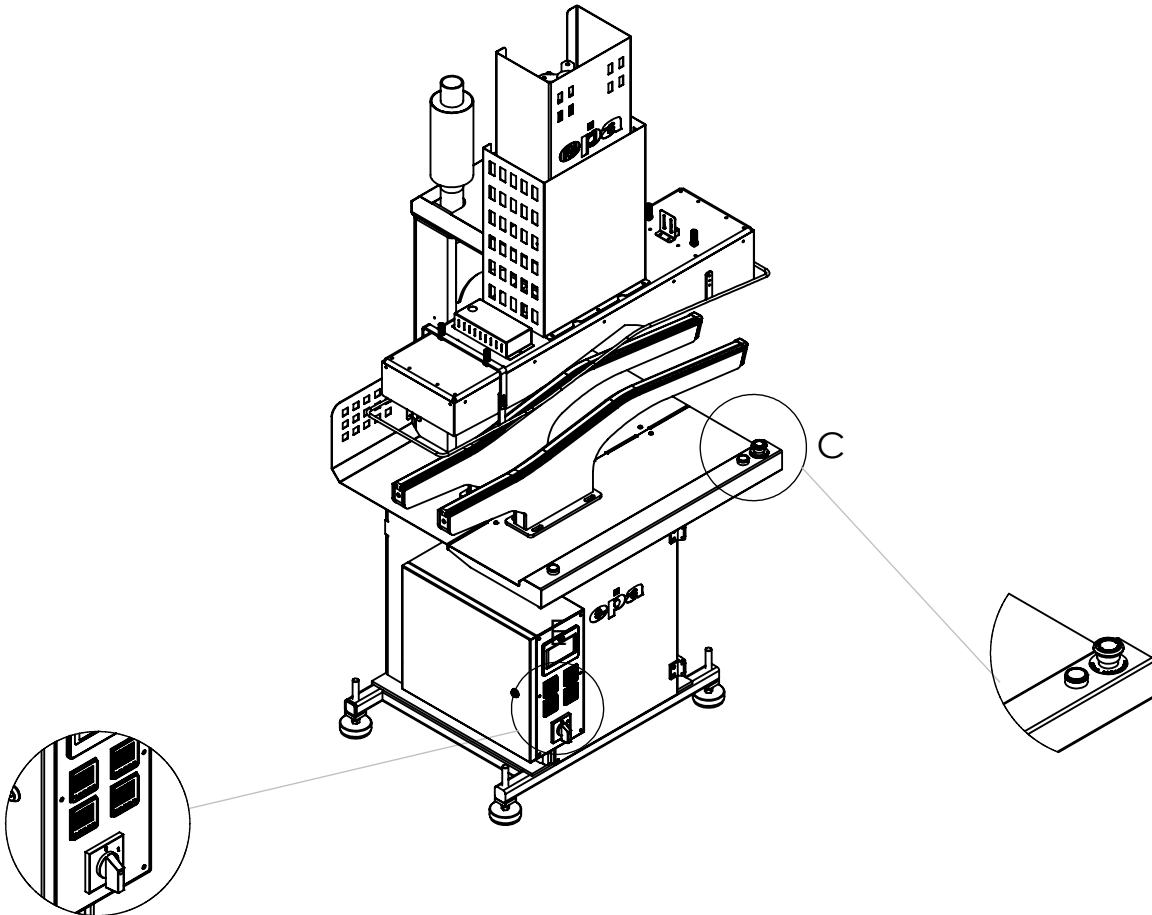
9-PNEUMATIC CONNECTIONS



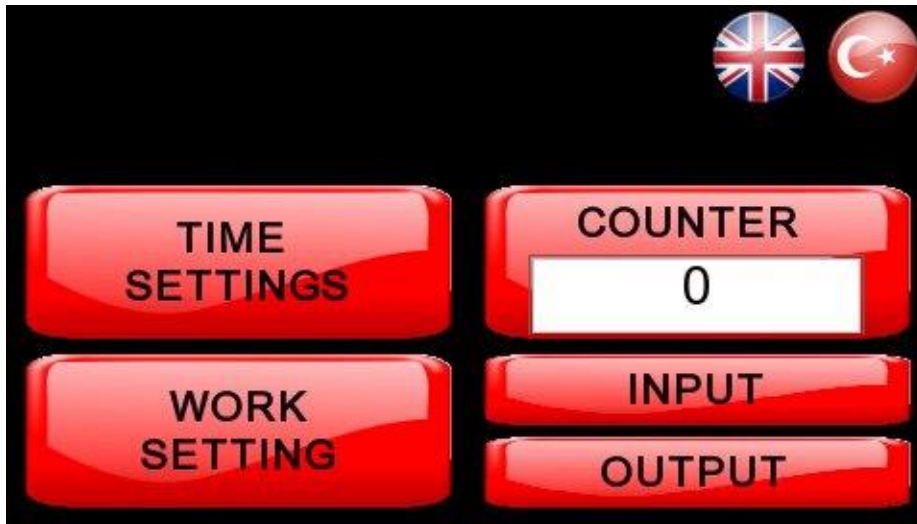
Connecting the machine to compressed air output, ensure that the machine is working with the constant air flow of 6-7 atm .Adjust pressurestat between 6 and 7 atm.

10-OPERATING

- 1.Place the moulds that you will use in the machine properly.
2. Open air valve and ensure the pressure indicator shows 6-7 Atm.If needed, adjust the air pressure by using regulator.
- 3.provide 380 voltage energy to the machine.
- 4.Bring main power switch to I position.
- 5.Do time settings of the machine as seen in chapter 11
- 6.Make sure that the urgent stop button is on.
- 7.When ironing process is over, you can go on ironing by replacing again cloth
- 8.At the end of the ironing process, you can place the product again and continue ironing.



11-OPERATOR PANEL ADJUSTMENTS



Time settings: Goes to the time setting page.

Piece counter: Goes to the piece counting page..

Working settings: Goes to the working settings page.

Entries: Goes to the entries page.

Exits: Goes to the exits page.



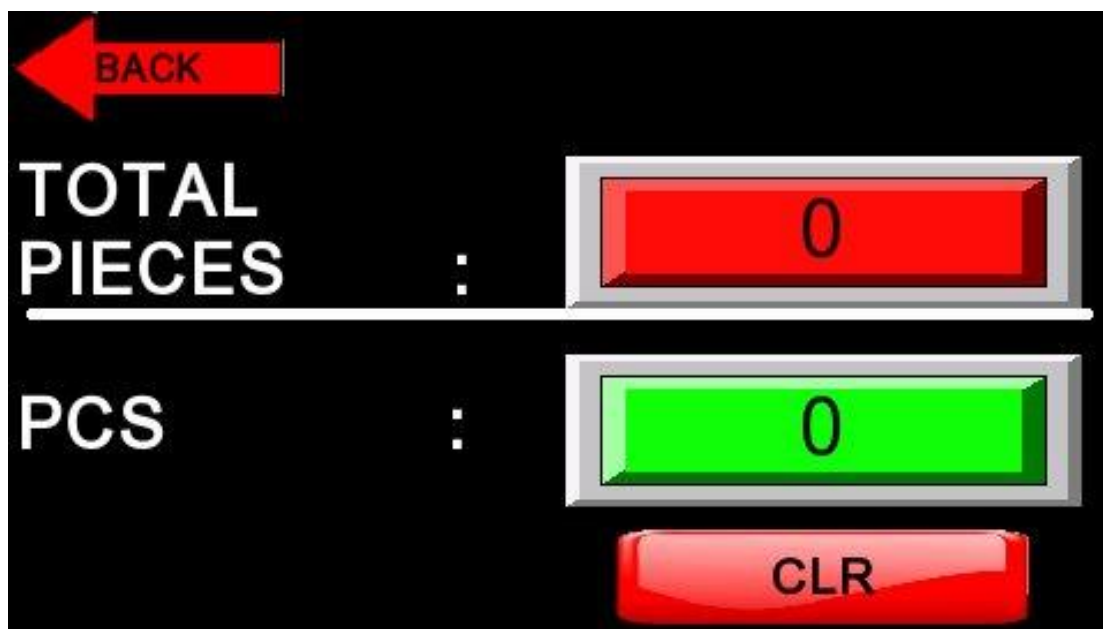
Ironing time: the ironing time is set.

Blowing time: The blowing time at the end of the job is set.



Press: The upper mold goes down.

Automatic start: while working normally, the buttons have to be pressed, if automatic start is selected, the machine starts to work when the buttons are pressed once.

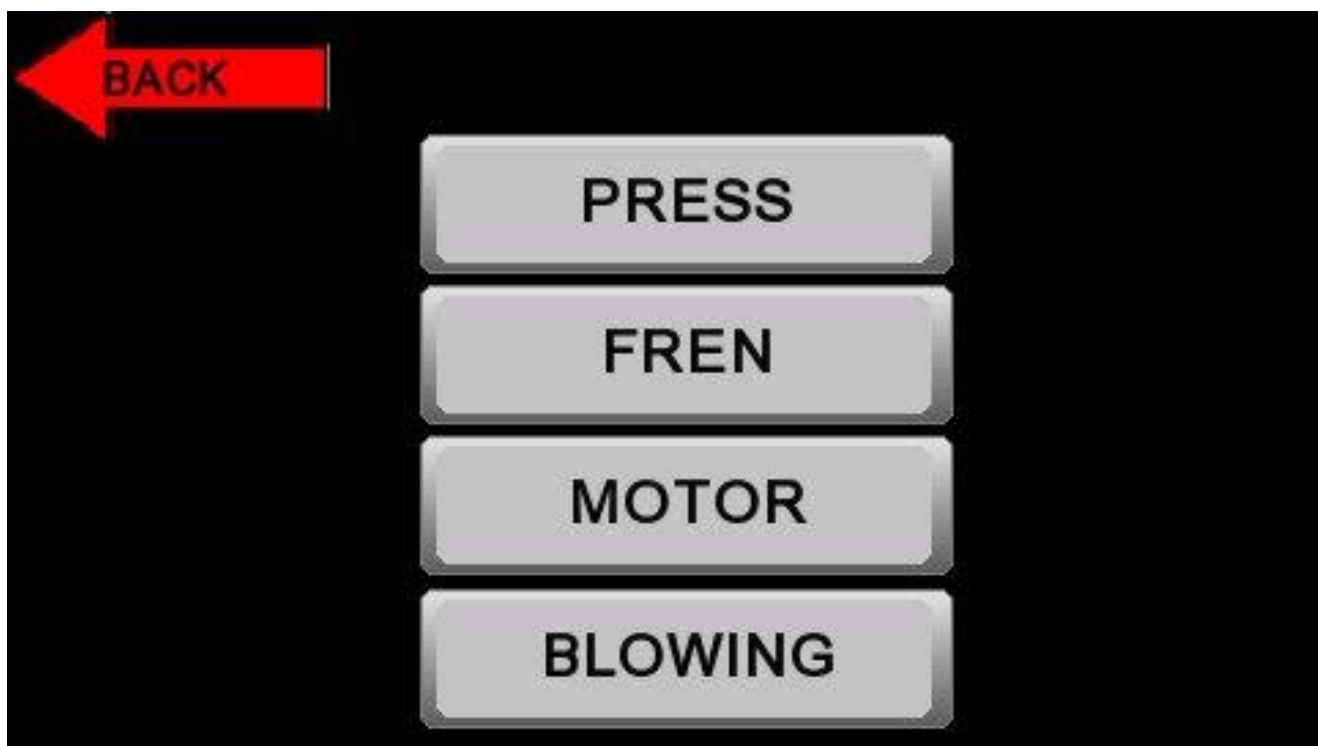


Two separate values are counted as total number and number.

When the reset button is pressed, the number is reset and the total number remains constant.



The status of the entries is checked.



The status of the exits is checked.

12-MAINTENANCE

Seperate the machine from the main power supply and compressed air sources before maintenance ,part replacements or adjustment ; wait for the ironing parts to cool down.

Only professionals/experts can carry out maintenance .

Due to its design EPA 720 does not require maintenance during the usage.

13-MALFUNCTIONS AND CAUSES

1-If ironing plates do not heat up enough;

- Control the resistance efficiency.
- Control the thermal sensors efficiency.

2-If ironing form is out of order;

- Control the mould.
- Control the connections of the mould.
- Control the air pressure.
- Control the heating resistances.
- Control mould cylinders.

3-If there is an irregular temperature;

- Control the thermal sensors efficiency.
- Control the adjusted heat.

4-The machine is doing faulty ironing;

- Control if the adjusted heat is hot enough.
- Control whether ironing time is too short.

5-If ironing plates do not move;

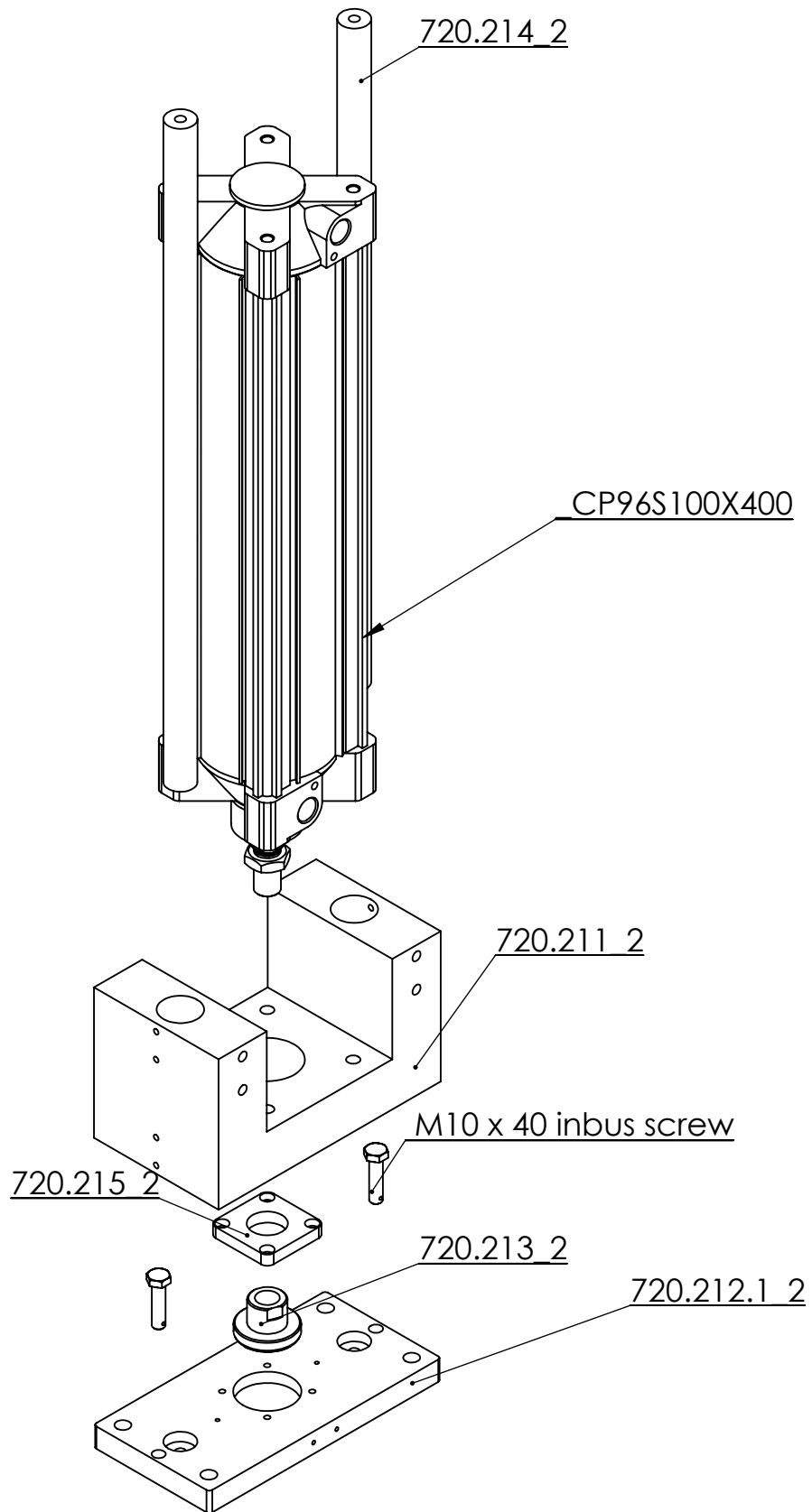
- Control mould cylinders.

14-SPARE PARTS CHART

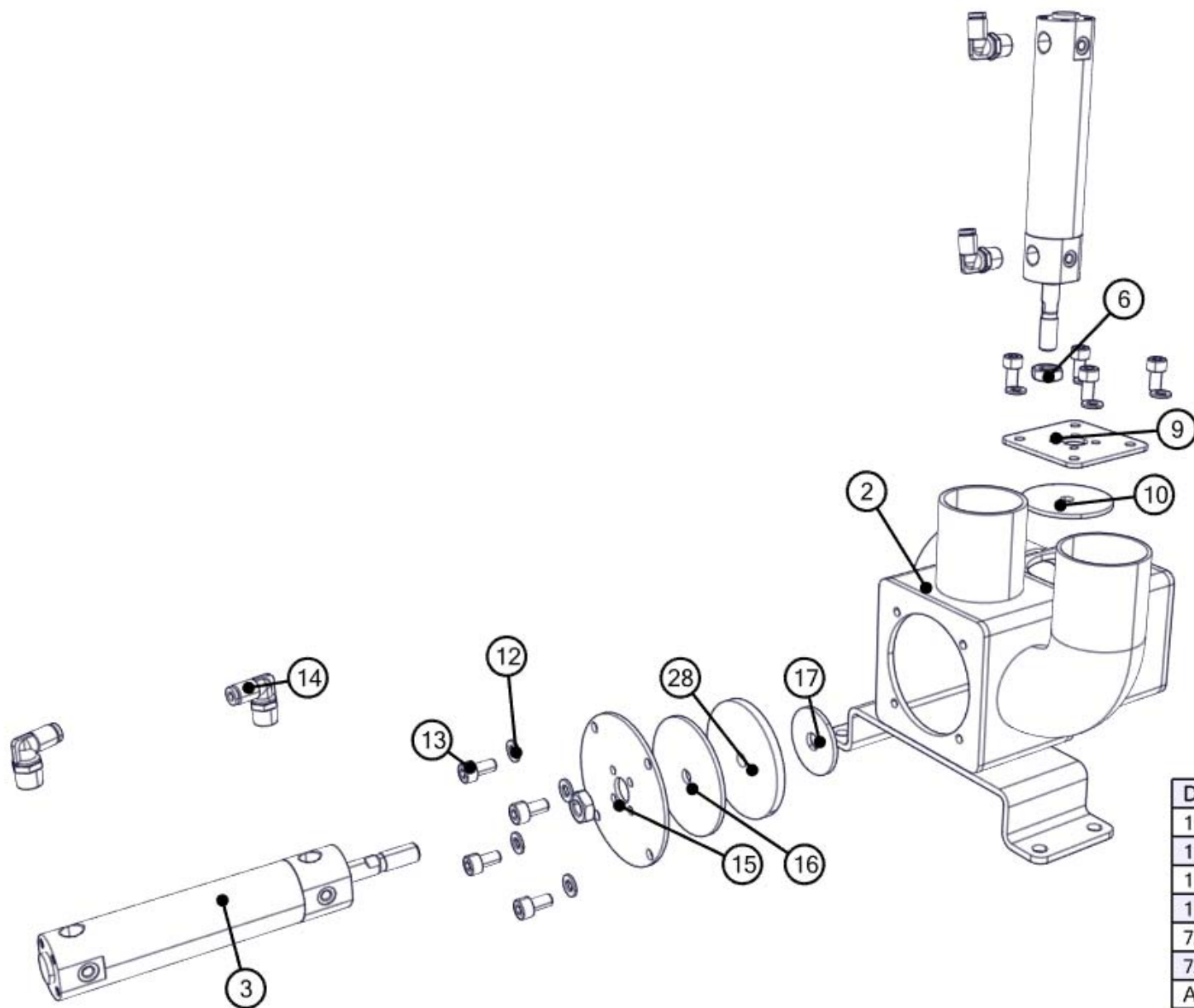
Please provide us below information and we can provide your spare parts promptly:

- Machine model and serial no
- Spare part code
- Check your code on your spare part chart.

Example : Shirt side seam pressing machine Model EPA 720 Serial no Code ... 'part

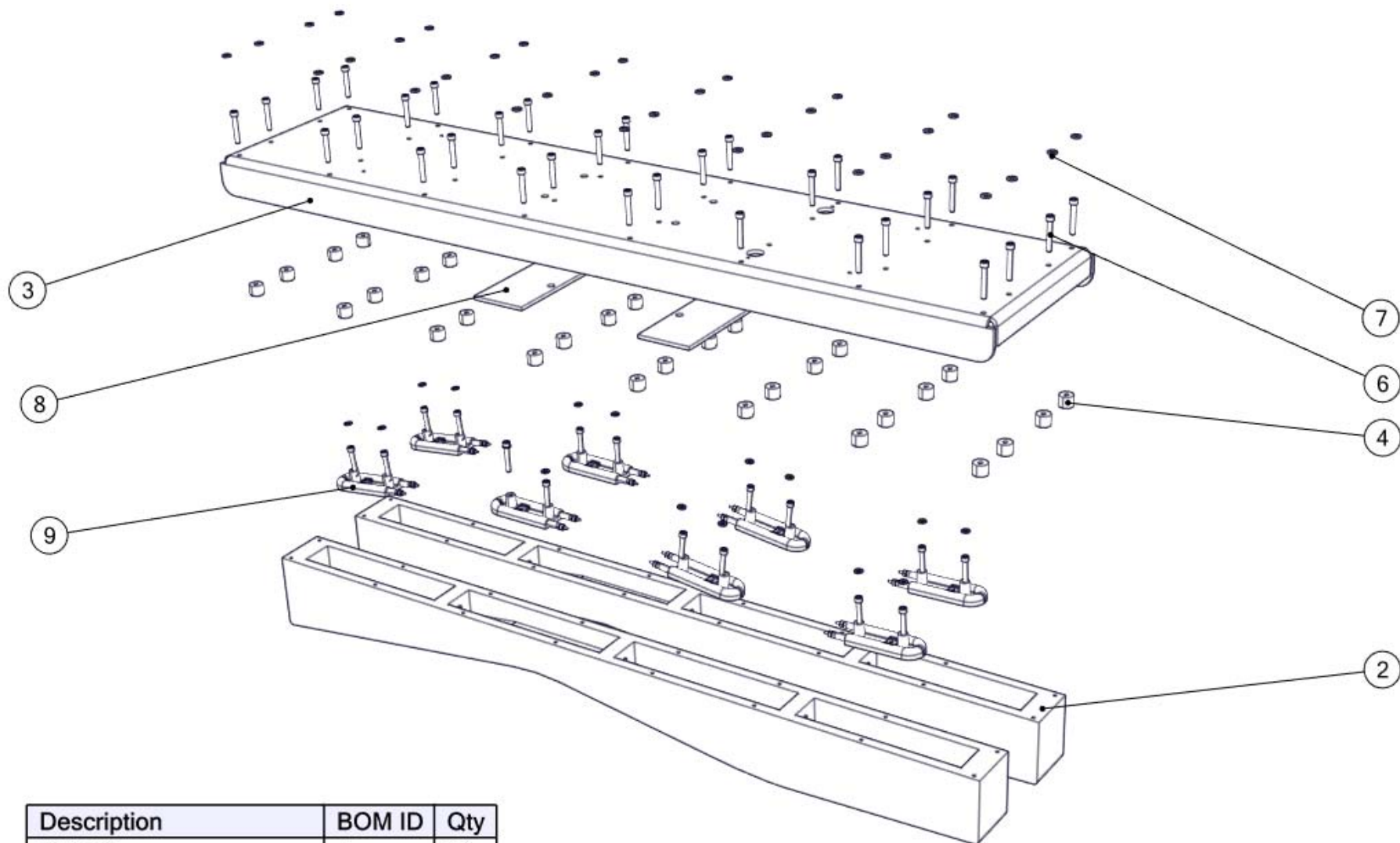


EPA 720
CHART:1

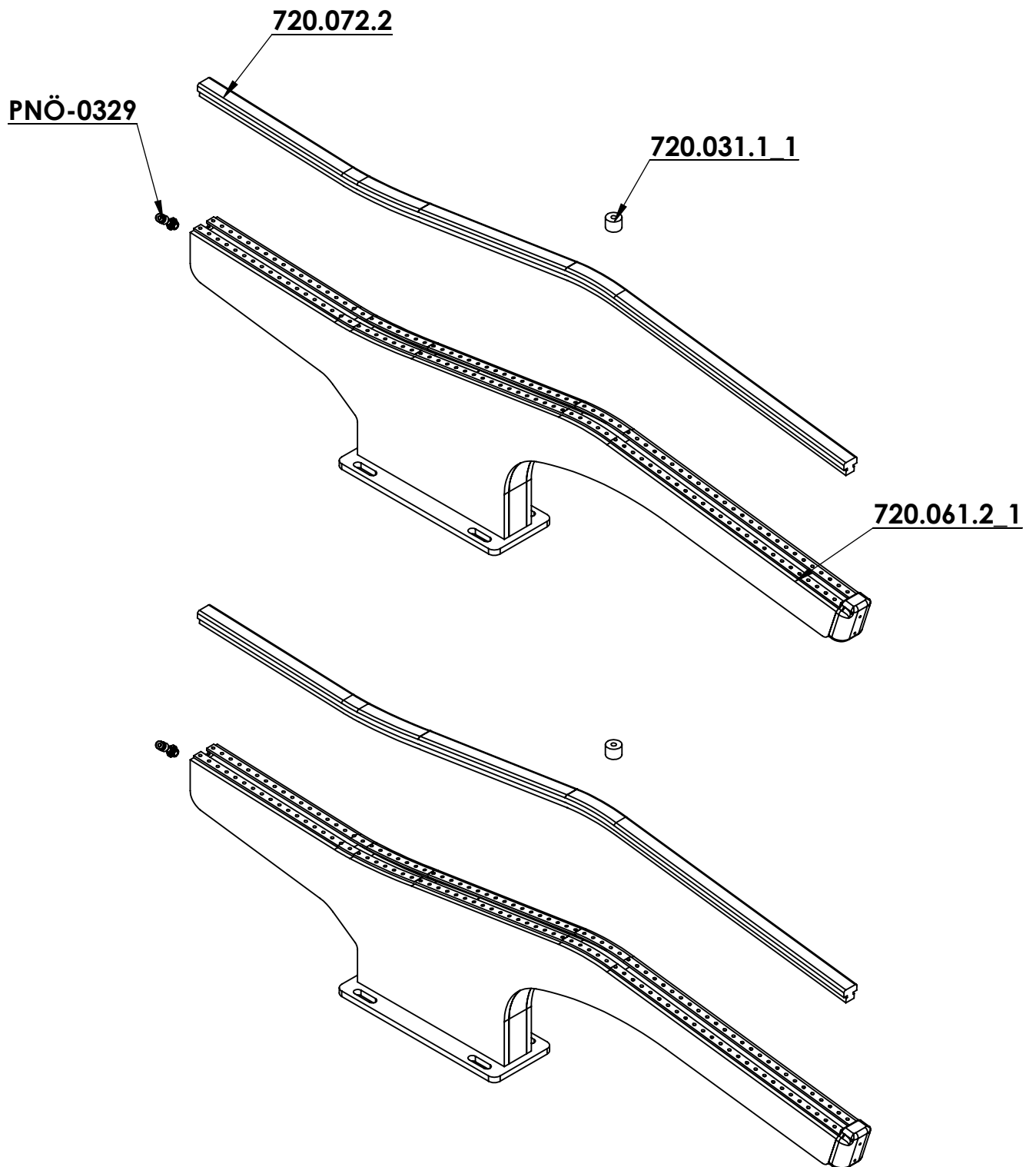


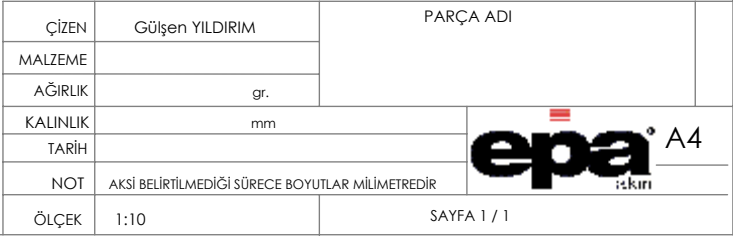
Description	BOM ID	Qty
100.688	28	1
110.025.1	15	1
110.412	16	1
110.413	17	1
721.131	9	1
721.132	10	1
AS1237-5	12	8
CG1BN20-50Z	3	2
CSN1143-M5X0.8X10	13	8
KOLLEKTÖR	2	1
KQ2L04-01AS	14	4
NT-02-CG1-5	6	2

EPA 720
CHART-2

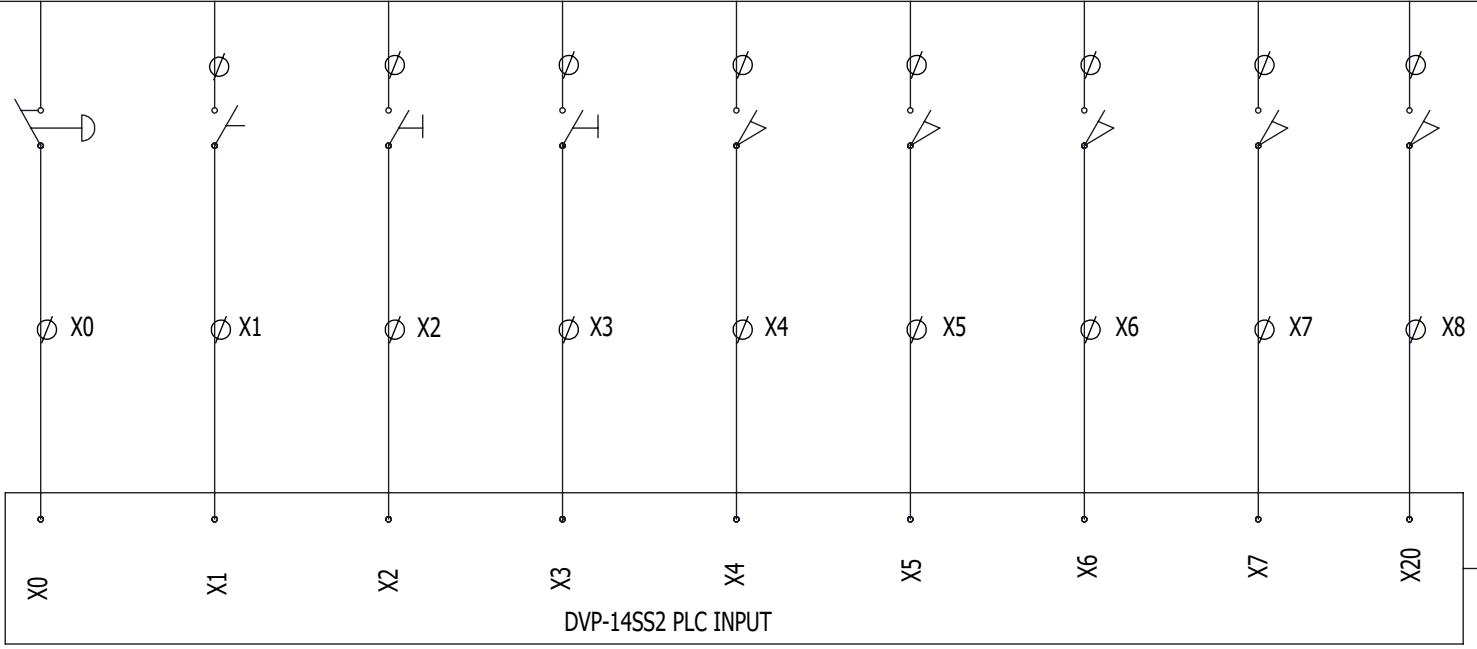


Description	BOM ID	Qty
720.028	4	32
720.065	2	2
720.069	3	1
720.131	8	2
AS1420-M6X40	6	47
REZİSTANS 600W-220V	9	8
WASHER 6 GOST	7	32





032<+24VDC>



030<0VDC>

EMERGENCY STOP
PEDAL
RIGHT START
LEFT START
LOWER SENSOR
TOP SENSOR
SAFETY SENSOR
MIDDLE SENSOR
SENSOR

ÇİZEN	Gülşen YILDIRIM	PARÇA ADI		
MALZEME				
AĞIRLIK	gr.			
KALINLIK	mm			
TARİH				
NOT	AKSI BELİRTİLMEDİĞİ SÜRECE BOYUTLAR MİLMİTREDİR			
ÖLÇEK	1:50	SAYFA 1 / 1		

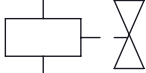
033<+24VDC>

DVP-14SS2 PLC OUTPUTLAR

030<0VDC>

Y0

Ø Y0

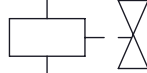


Ø

PRESS

Y1

Ø Y1

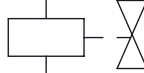


Ø

VACUUM
CLAMP

Y2

Ø Y2

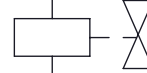


Ø

VACUUM
MOTOR

Y3

Ø Y3

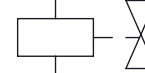


Ø

BLOWING

Y4

Ø Y4

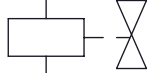


Ø

EMPTY

Y5

Ø Y5



Ø

LOCK

ÇİZEN	Gülşen YILDIRIM	PARÇA ADI		
MALZEME				
AĞIRLIK	gr.			
KALINLIK	mm			
TARİH				A4
NOT	AKSI BELİRTİLMEDİĞİ SÜRECE BOYUTLAR MİLMİTREDİR			
ÖLÇEK	1:50	SAYFA 1 / 1		