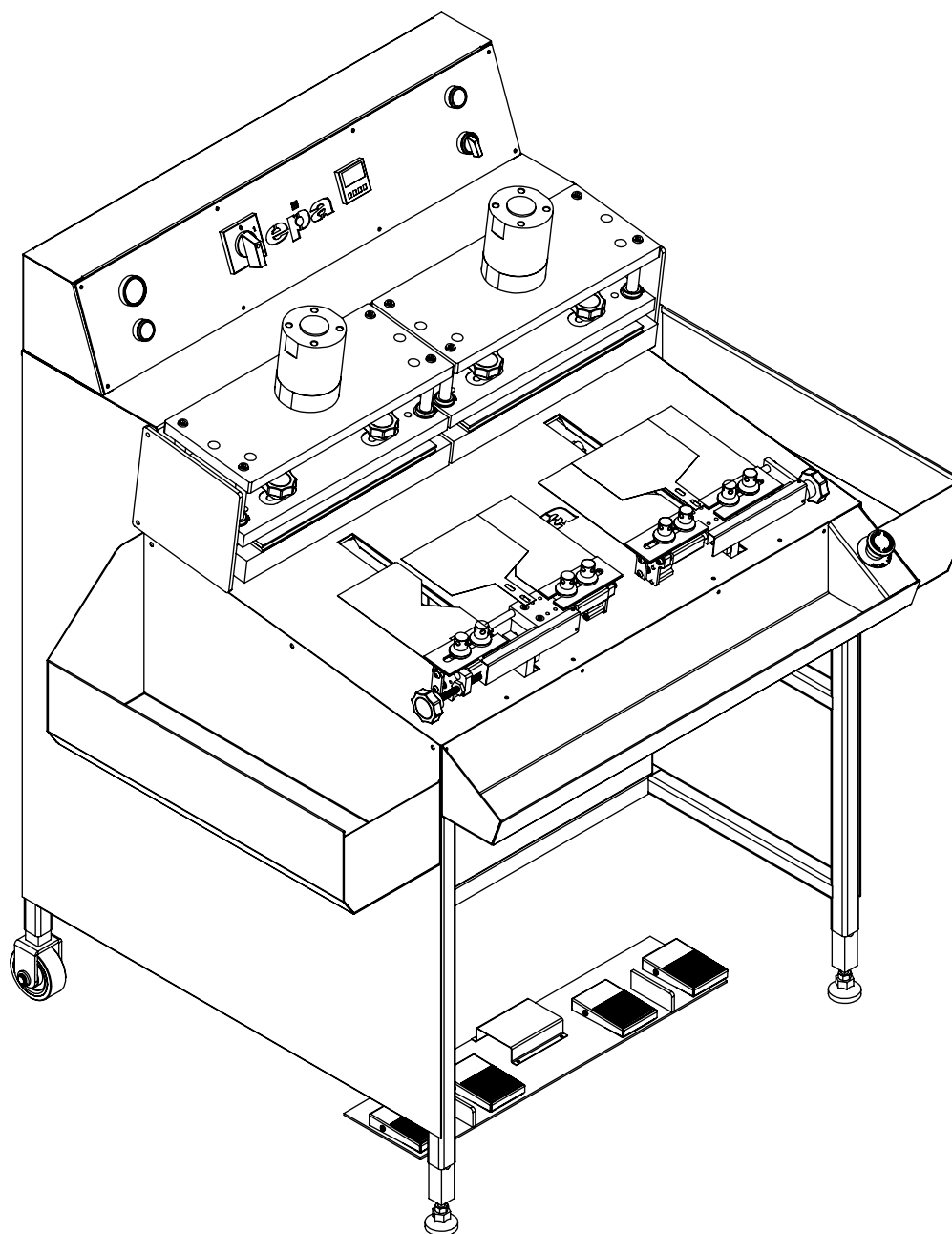


EPA 405 CUFF FORMING MACHINE



MOD : EPA 405



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
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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.qatechnc.com

FR-200-2, Rev.01, 01.05.2024



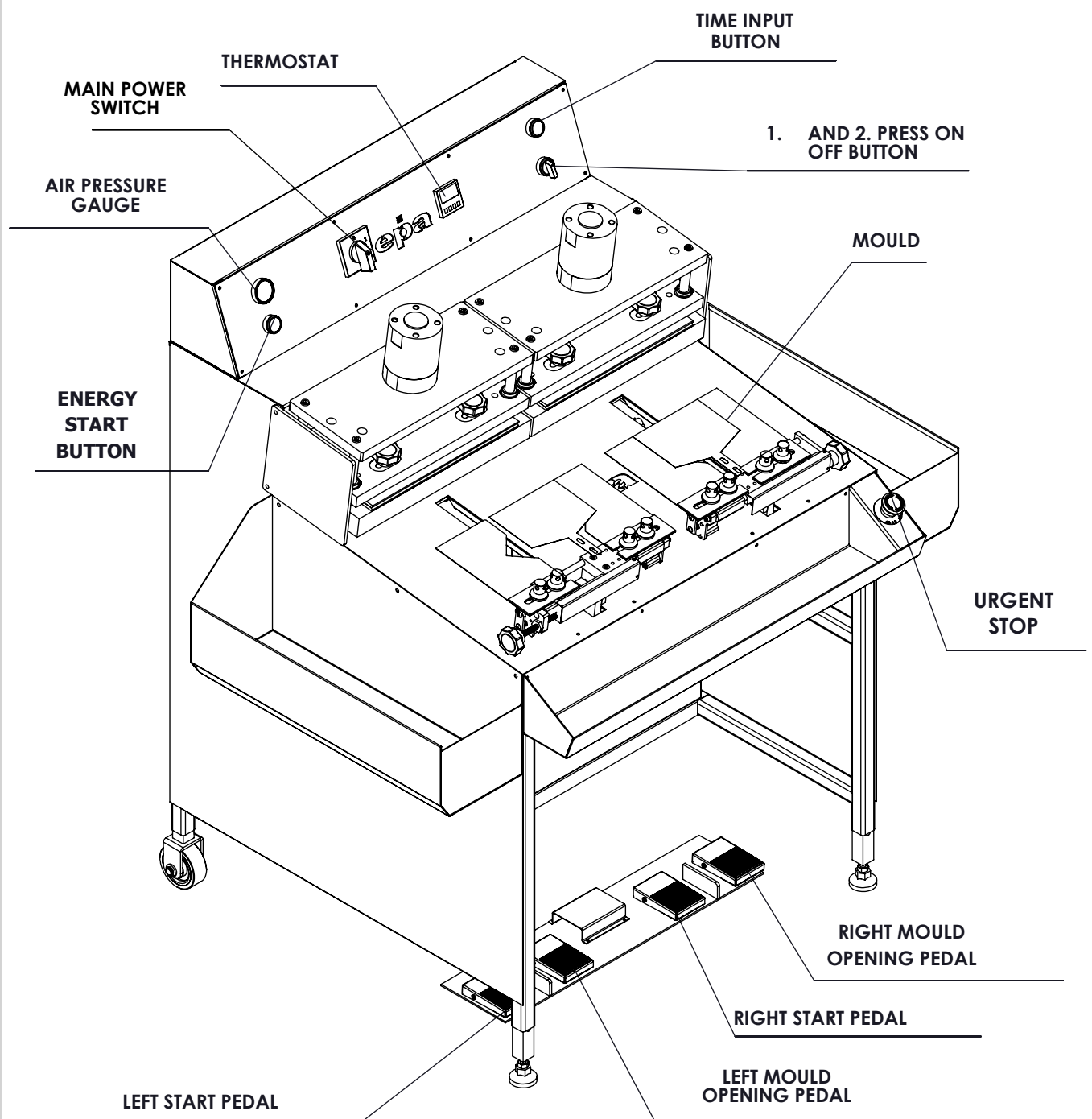
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LABEL INFORMATIONS

Machine name	CUFF FORMING MACHINE
Type	EPA 405
Serial number	
Production date	
Voltage	220 V
Power	1,5 Kw
Weight	160 Kg
Operation pressure	4-6 Bar

01-MACHINE CONTROL



02-GENERAL FEATURES

A-CHARACTERISTICS AND APPLICATION AREAS

EPA 405 cuff forming machine, it is used at ironing cloths as shirt, blouses. In case of a false use other than stated at this handbook, happened to people or goods from accident and damages, producing company can not be held responsible.

The machine forms perfectly on shirt and blouse cuffs with the new pressing system.

It provides the best results on cuff corner through automatic mould-carrier.

It provides standard production through adjustable pressing and electronic temperature timer.

You can adjust severally the temperature time and pressing value of 1st and 2nd pressing cycle.

It is able to work as in single or double press procedure.

It is changed the moulds easy and quick.

It can be provide hourly, daily, weekly reports from optional graphic panel.

The machine is produced with all necessary safety equipment for the users.

The machine has built "Programmable Logic Control" (PLC).

03-SECURITY MEASURES



At place it has seen next figure, that means to endanger for health of user. Therefore while it is walked up, it is necessary more to be careful.

Firstly stop the power, if you need open control panel which contains electrical parts.

Before using the machine, please read manual instructions and other explanatory which is the part of machine accesories. Keep manual and explanatory documents as easy reference guide well.

To avoid death or injury, do not use your machine without instructions on your manual.

EPA company does not admit any responbility about accident or injuries comes out due to the machine have been used out of purpose of usage.

To avoid accidents cause to death and injuries, do not modify the machine.

EPA company does not accept any responsibilities about accident comes out due to the machine modifications.

A-TRAINING

Operators should be sufficented regarding machine use. In order that conditions they need a training plan and train them prior.

B-CONDITIONS THAT YOU NEED TO TURN OFF POWER OF EPA MACHINE

If there is a anormal case, breakdown or power failure in order to protect against accidents caused to death or injuries, absolutely turn off the power.

Turn off power during it is turned into or adjusted parts of machine.

During control, maintanance or while leaving next the machine, absolutely turn off the power.

Because of preventing electrical shock, earth fault or fire, do not hold the cable unplug from power point.

C-CONDITIONS THAT YOU NEED TO TAKE SECURITY MEASURES

After lifting the machine while you were replacing, it is necessary to consider weight of machine. For weight of machine, look over chapter "LABEL INFORMATIONS".

Before lifting or replacing the machine, in order to avoid injuries or led to death accidents, take essential security measures against drop or roll.

To avoid accidents cause to death or injuries, before opening the power, control that connector and cable non-damaged, whether loose or out cable.

Definitely do not put your hand to the machine which is in operation.

Do not touch to the parts in machine which have very high temperature.

While changing any parts of the machine, absolutely use original EPA parts. EPA is not responsible occurs from accidents in case of using unoriginal parts under no circumstance.

To avoid accidents originating from electrical shock or lack of information about machine, consult technicians of your company are trained by EPA.

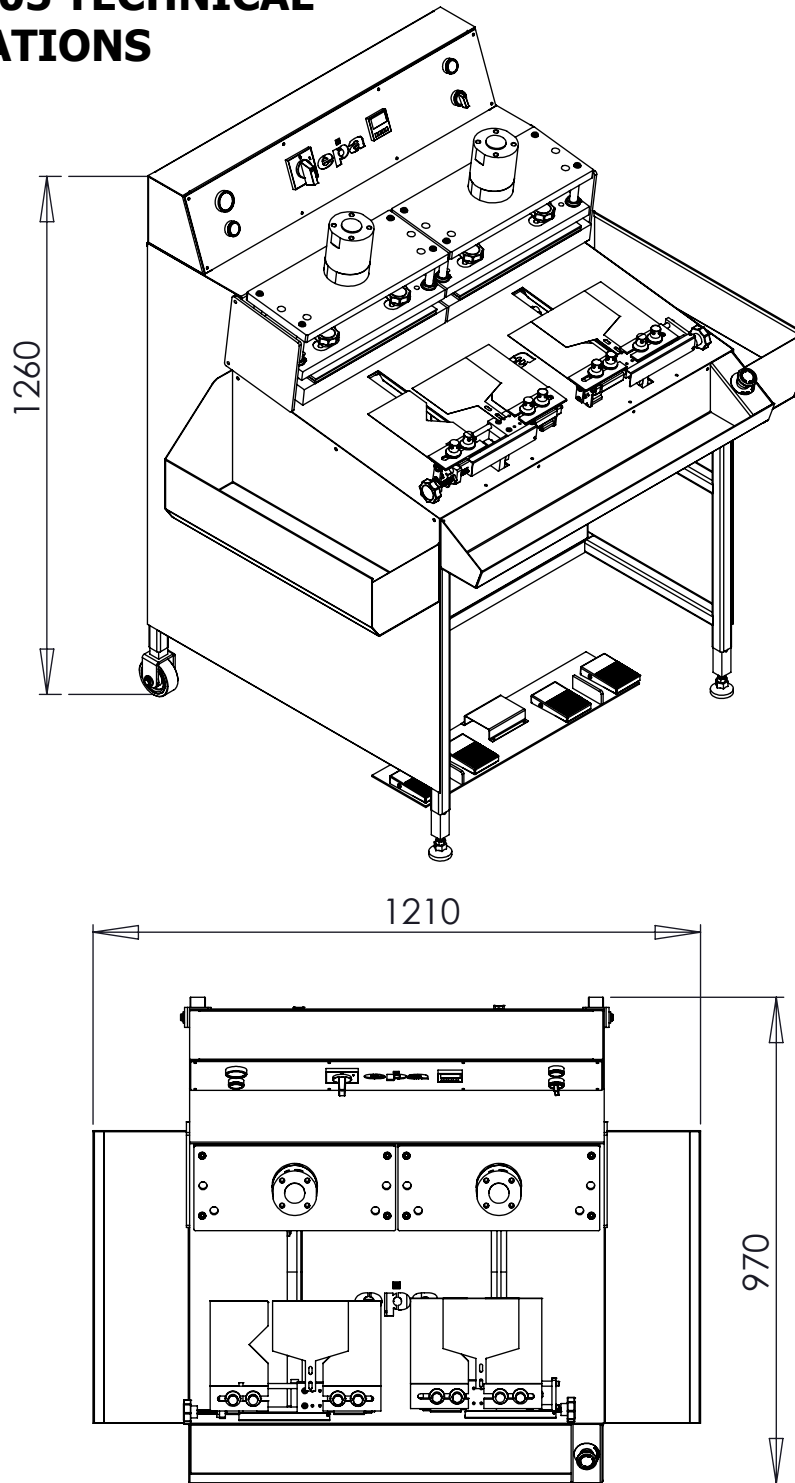
Before starting works as maintenance, part changing, adjustment quit the machine from main power source, compressed air sources and wait cooling of ironing parts.

Surely control whether there is a loose screw or loaf after maintenance, adjustment or changing.

Absolutely clean the machine regularly.

After maintenance if the machine still do not work properly, to avoid accidents cause to death or injury consult to EPA technical service urgently.

04-EPA 405 TECHNICAL INFORMATIONS



Machine runs with electropneumatic system.

- Adjustable pressing.
- PLC control system.

-Electronic temperature control.

-Adjustable pressing time. (For

-Running property single or double printed.

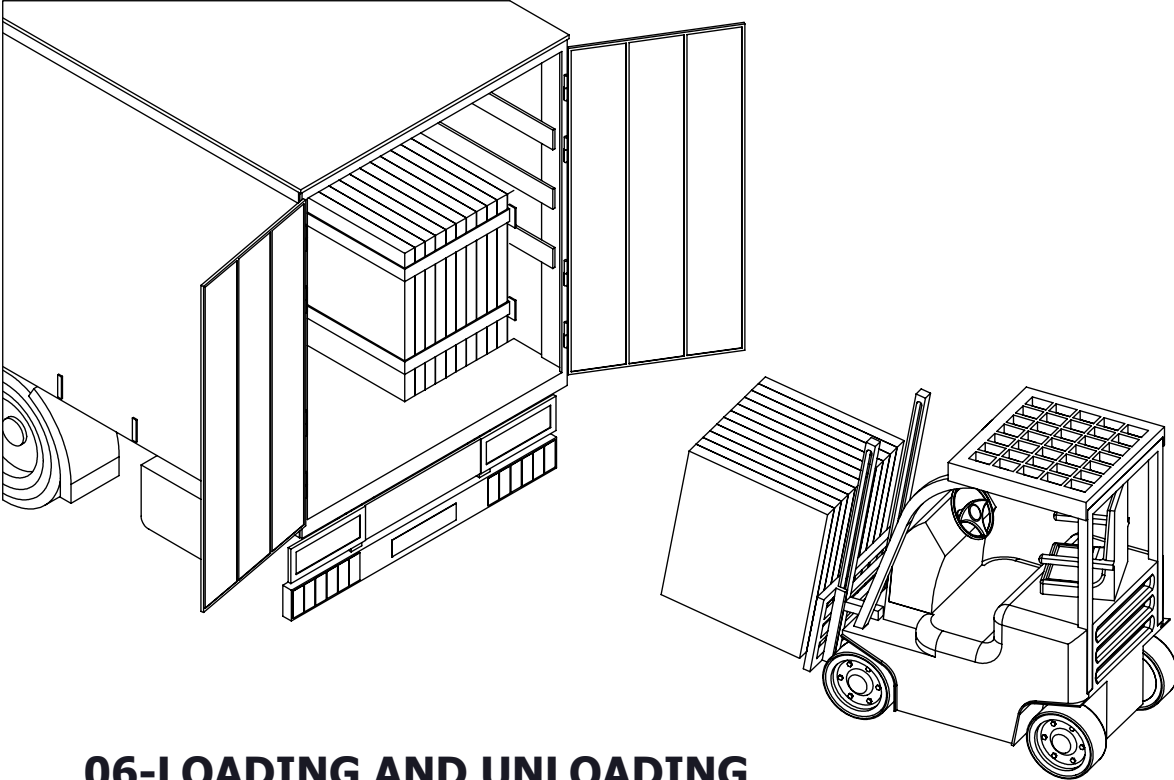
-Possibility mould changing high speed (1th and 2nd press severally)

-Dimension: 97x121x126 cm.

-Capacity: 250Pcs/hr

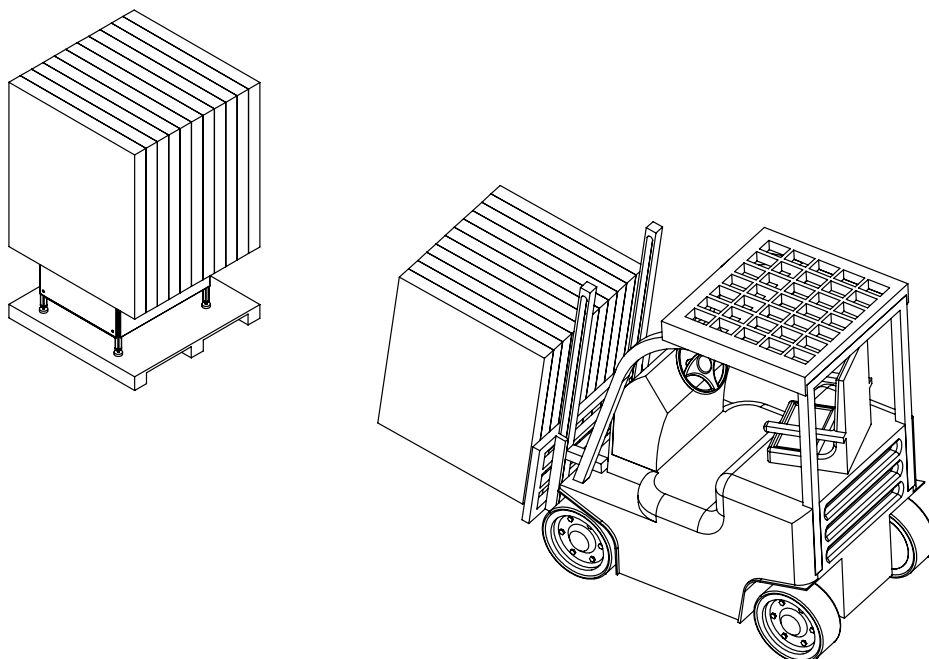
05-LIFTING AND TRANSPORT

EPA 405 is conveyable with packaged or not. In either case, ensure forks of fork- lift truck adjusted as to exact weight of the machine. While machine is moved with fork- lift truck, front face of machine turned to fork-lift truck pass forks under the machine. Place van or pick-up truck and bond belt or ropes.



06-LOADING AND UNLOADING

Ensure forks of fork- lift truck adjusted as to exact weight of the machine. Take out the package and lift front face of machine turned to fork-lift truck is passing forks under the machine. After placing it on a hard and plain surface not subject to any weather condition and then move it.



07-INSTALLATION AND SET UP

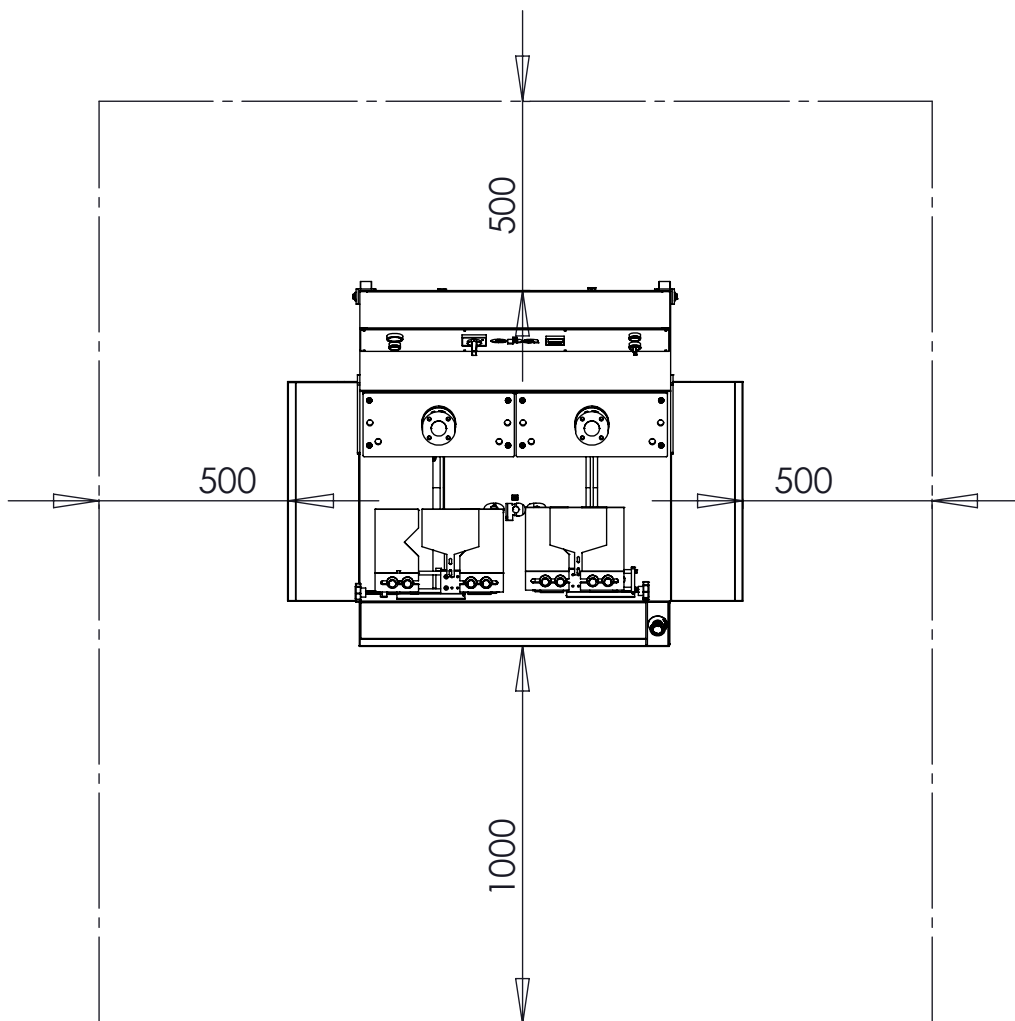
ATTENTION: This machine have to set up by experts.

Producer company can not be held responsible to problem and faults that it is resulted from inadequate links in case of not working the machine in respect of wrong set up and main power sources not parallel to informatics provided here.



If the machine will be set up over a stationary surface, please control whether surface can be removed weight of the machine. If there is burnable/ explosive/ sparkler around the machine, definitely do not set up here.

Control the machine for working and maintenance needed blank during machine setup so as to provided. Machine has to be replaced over stiff and plain surface.



Replace the machine over smooth and steady. And as it is seen in Figure.1 adjust the machine foot.

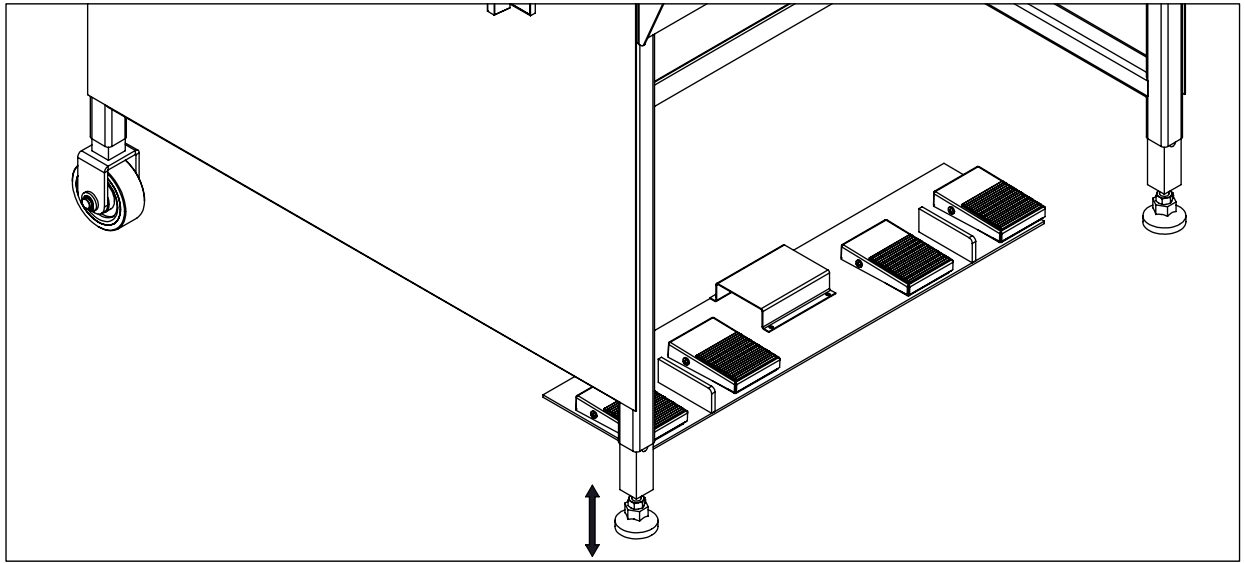
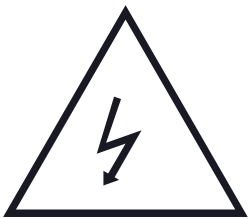


Figure.1

08-ELECTRICAL CONNECTIONS

If there is not power cable on machine, in order to connect power cable open the back cover (Figure.2-A).

Pass cable from holes of cable on machine. Connect phase (L) and neutral (N) soil connections related terminals. Provide 220 voltage power to machine.



ATTENTION:

Electric shock dangerous exists.

This point needed to special care.

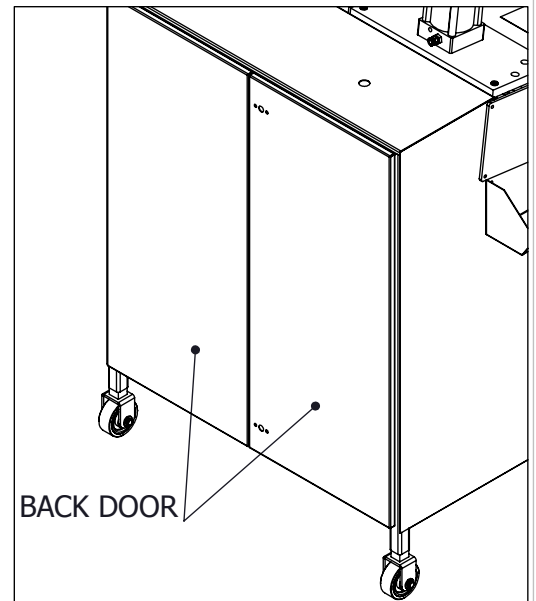


Figure.2

09-PNEUMATIC CONNECTIONS

Connecting the machine to compressed air output, ensure at the rate of 6-7 atm with constant air flow machine will be working. Adjust pressurestat between 6 and 7 atm. (Figure.3)

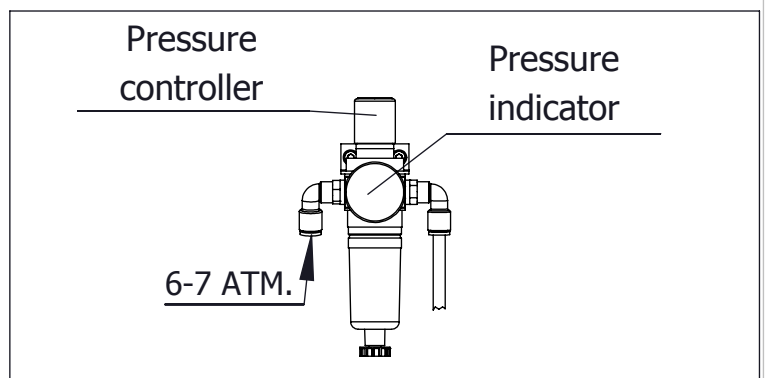


Figure.3

10-OPERATING

1. Replace the moulds that you will use in the machine properly.(Figure.4-L)
2. Open air valve and ensure the pressure indicator (Figure.4-M) shows 6-7 Atm. If it needs, adjust air pressure by using regulator.
3. Provide 220 voltage energy to the machine.
4. Bring main power switch to I position. (Figure.4-A)
5. Enter heat is required to thermostat (Figure.4-G).
6. Do time settings of the machine as it is seen in Chapter.11.
7. Observe urgent stop button (Figure.4-K) is open.
8. If you will work at 1th press; provide to be 1th and 2nd press on/off button (Figure.4-N) is at I position.

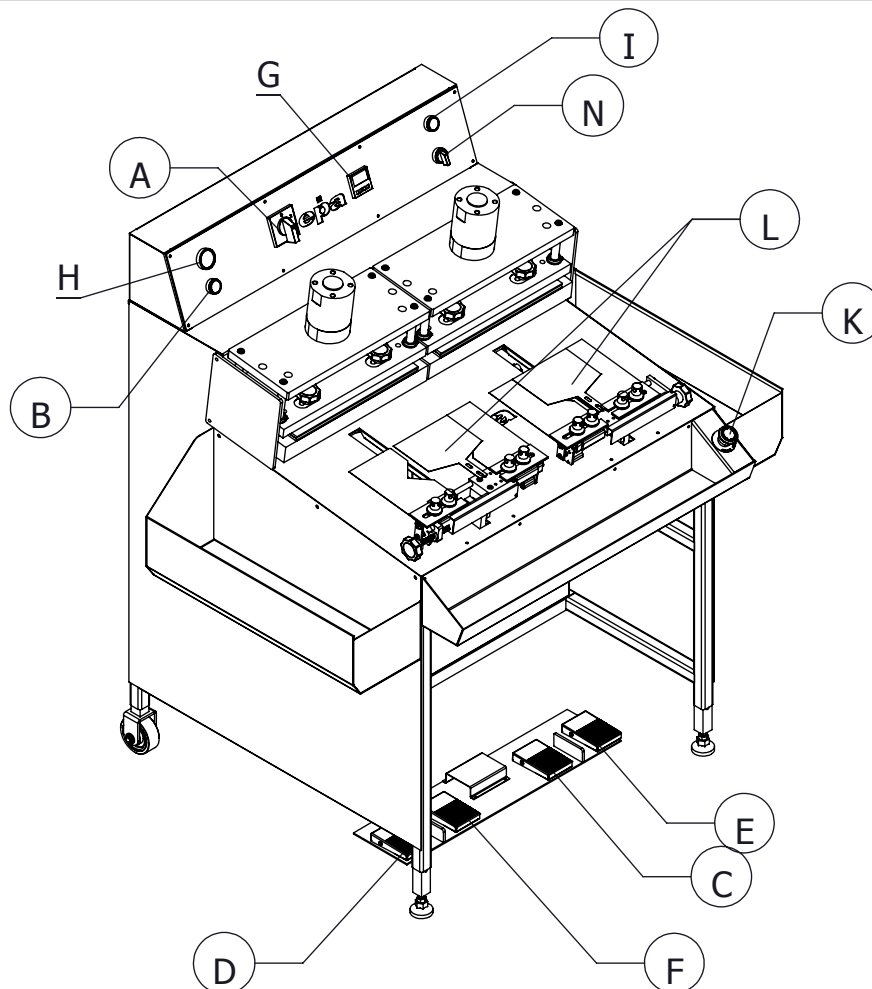


Figure.4

9. If you will work at 2. press; turn 1th and 2nd press on/off button (F) clockwise. And bring the button to 2nd position that is at pressing.
10. Replace the cuff you will iron to mould (K) at the side of you will iron.
11. If you will do ironing at right side, after you replaced the collar to mould, hold the cloth with your right hand tightly by pushing to right turnbuckle pedal.
12. Hold on right start button (C) until right pressing will become part of an activity.
13. If you will do ironing at left side, after you replaced the collar to mould, hold the cloth with your right hand tightly by pushing to left turnbuckle pedal. If a malfunction occurs, you can cancel the turnbuckle by pushing again to pedal.
14. Until the right pressing to become a part of an activity, hold down the left start button (D) with your right hand.
15. When ironing process is over, you can go on ironing by replacing again cloth.

11-TIME SETTINGS

A-Setting the 1th Pressing Time

- During these operations energy must be provided to the machine.
- Make sure that urgent stop button (Figure.5-A) is open.
- Turn the 1th and 2nd on/off buttons to the left.
- On each pressing of time entering button (Figure.5-C), 1. pressing time increases 1 second.

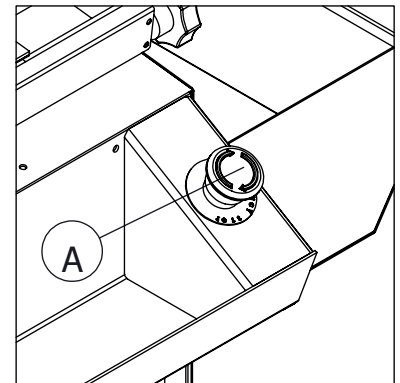


Figure.5

B-Zeroizing the 1th Pressing Time

- For this operation you must provide enough energy for your machine.
- Make sure that urgent stop button (Figure.5-A) is open.
- Turn the 1th and 2nd on/off buttons to the left. (Figure.6)
- Push Time Entering Button (Figure.6-C) during 3 seconds. At the end of the time button's light to be on and off.
- If the button lamb is blinking, this shows that it is not set 1th pressing time.
- If 1th pressing time is zero your machine does not run. For running of the machine you have to set 1th pressing time. (Figure.6)

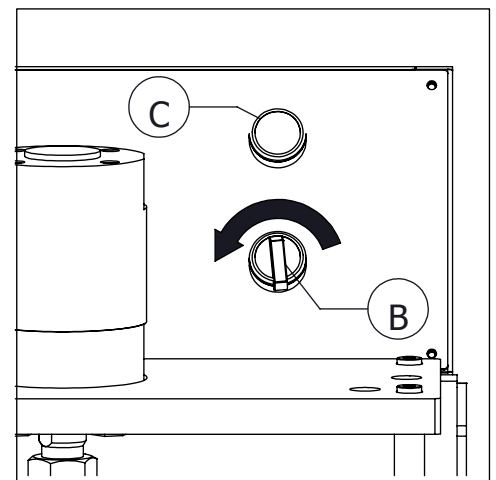


Figure.6

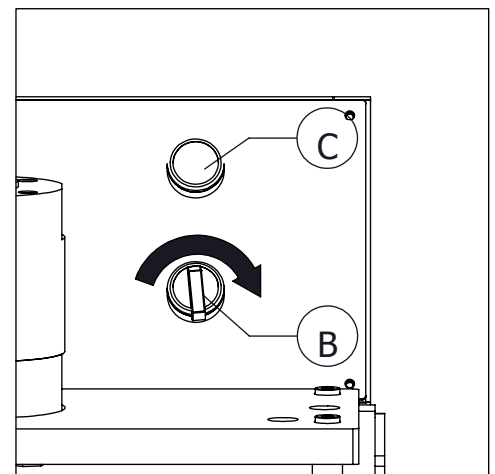


Figure.7

C-Setting the 2nd Pressing Time

- During these operations energy must be provided to the machine.
- Make sure that urgent stop button (Figure.5-A) is open.
- Turn the 1th and 2nd on/off buttons to the left. (Figure.7)
- On each pressing of time entering button (Figure.7-C), 1th pressing time increases 1 second.

D-Zeroizing the 2nd Pressing Time

- During these operations energy must be provided to the machine.
- Make sure that urgent stop button (Figure.5-A) is open.
- Turn the 1th and 2nd on/off buttons to the right. (Figure.7)
- Push Time Entering Button (Figure.7-C) during 3 seconds. At the end of the time button's light to be on and off.
- If the button lamb is blinking, this shows that it is not set 2nd pressing time.
- If 2nd pressing time is zero your machine does not run. For running of the machine you have to set 2nd pressing time. (Figure.7)

12-MAINTENANCE

Before starting machine maintenance, part changing or adjustment please disconnect the machine from basic power supply source, also compressed air supply source and wait for cooling of pressing parts.

Following operations must be done by highly educated people.

EPA 405 does not required special maintenance on using process because of its logical design.

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.(Figure.8 B-C)
- Control connections of the mould. (Figure.8 B-C)
- Control air pressure.(Figure.9 D)
- Control the heating resistances.
- Control mould cylinders.

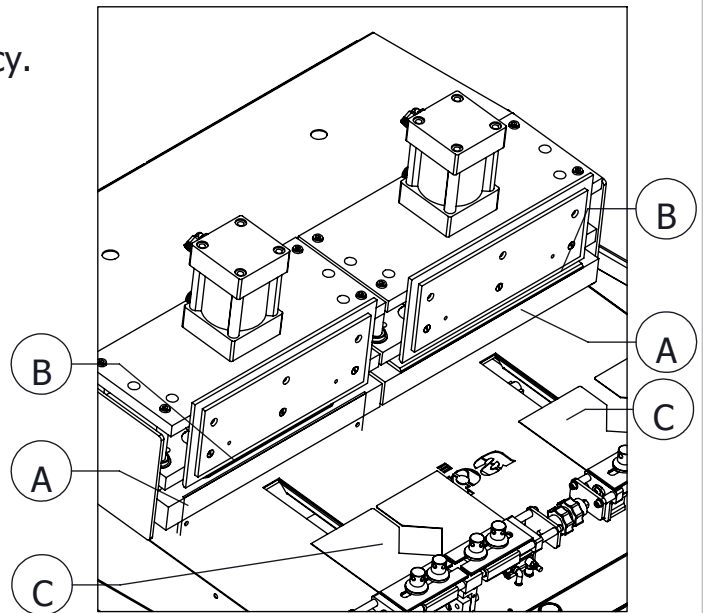


Figure.8

3- If there is a irregular temperature;

- Control the thermal sensors efficiency. (Figure.10 G)
- Control the adjusted heat.(Figure.9 E)

4-The machine is doing faulty ironing;

- Control that adjusted heat is hot enough.(Figure.9 E)
- Control whether ironing time is too short.

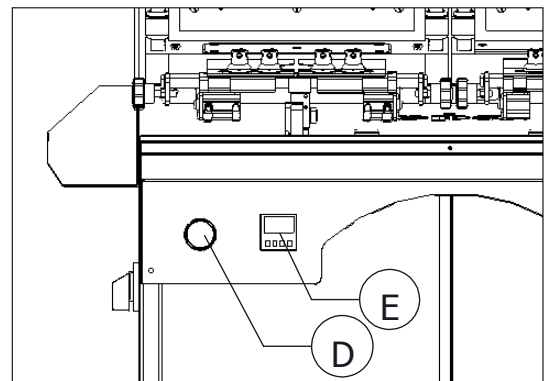


Figure.9

5-If ironing plates do not move;

- Control mould carrier cylinders.

6-If blowing is out of order;

- Control the blowing valve.
- Control unions at base of the mould. (Figure.10 G)

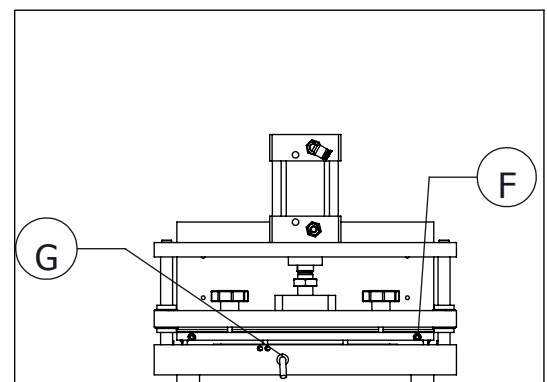


Figure.10

14-SPARE PART CHARTS

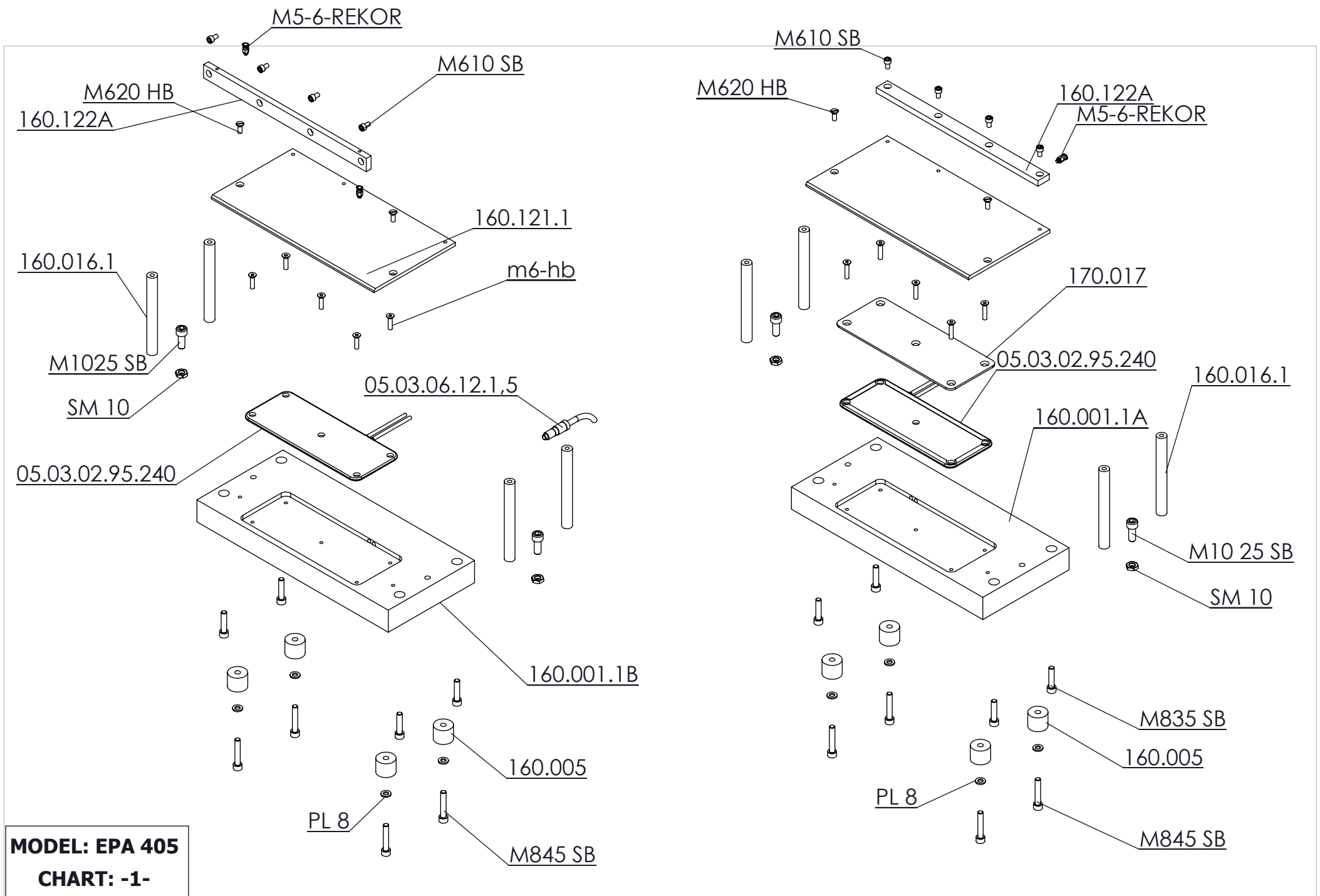
Please inform us about following infos, we can provide your spare part promptly:

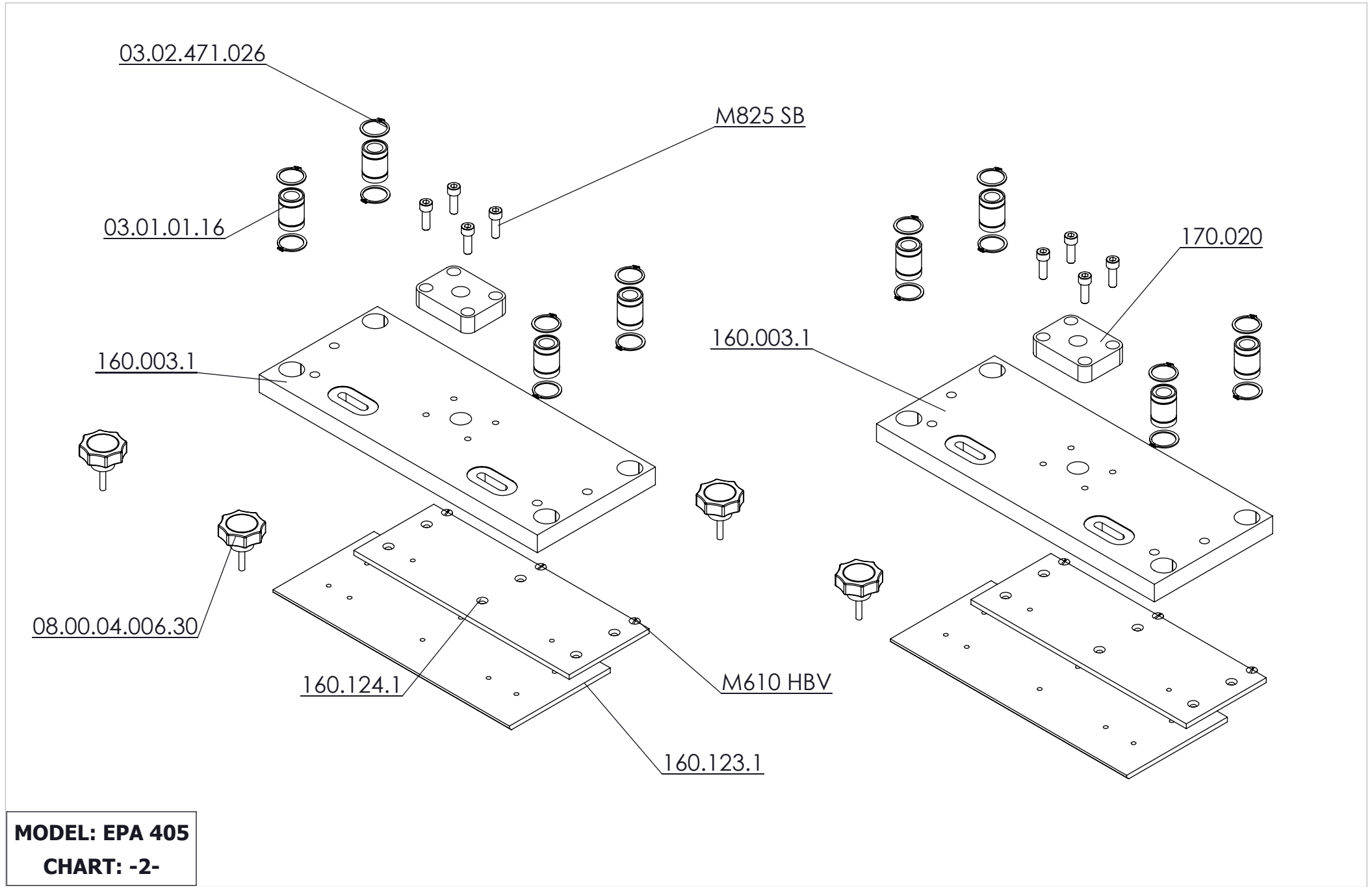
Machine model and serial no

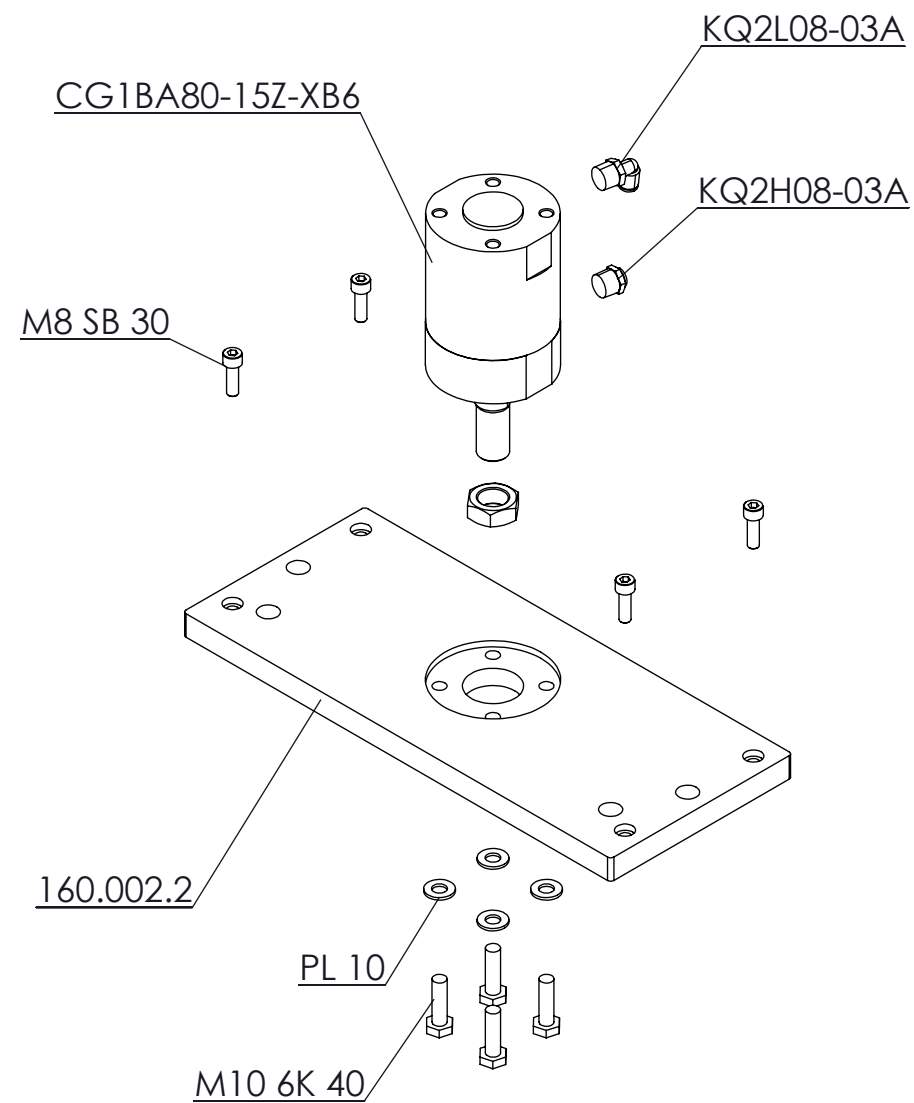
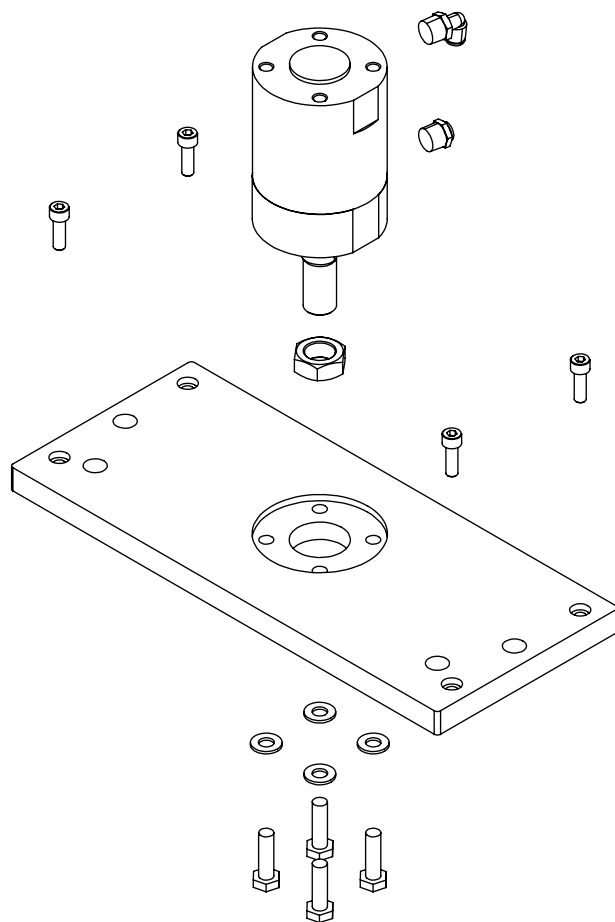
Spare part code

Check your code on your spare part chart.

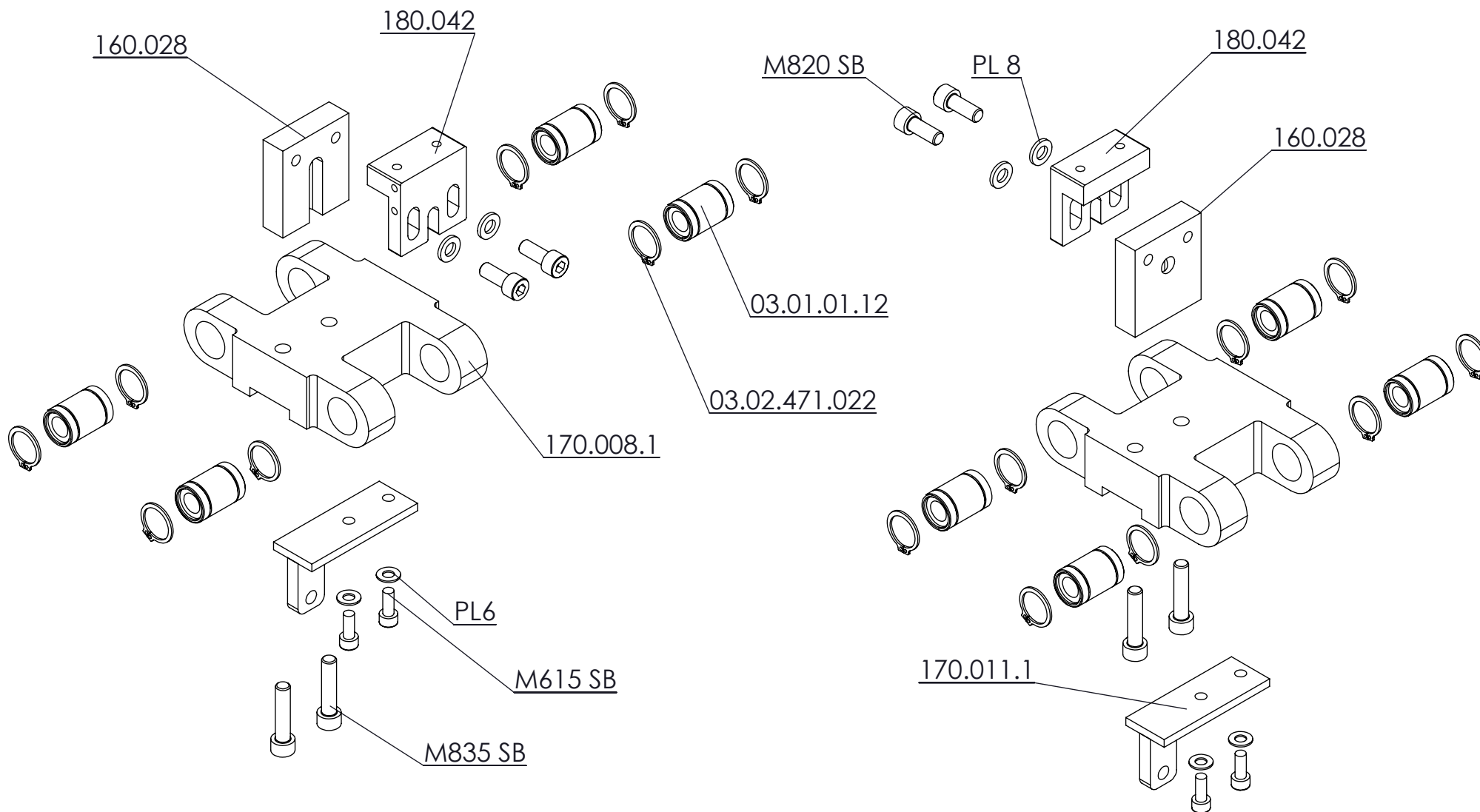
Example : Cuff Forming machine Model **EPA 405** Serial no Code 'part



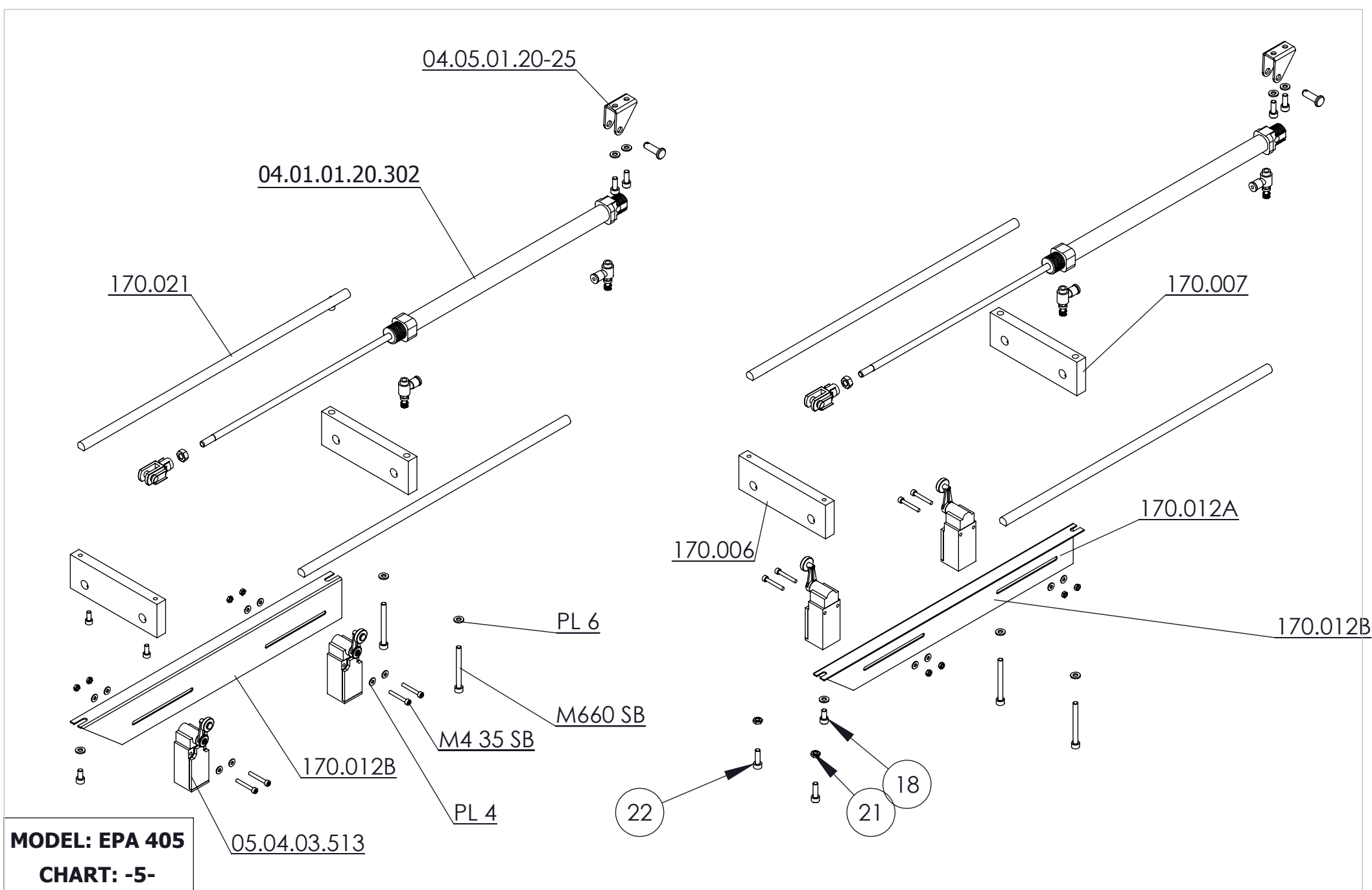


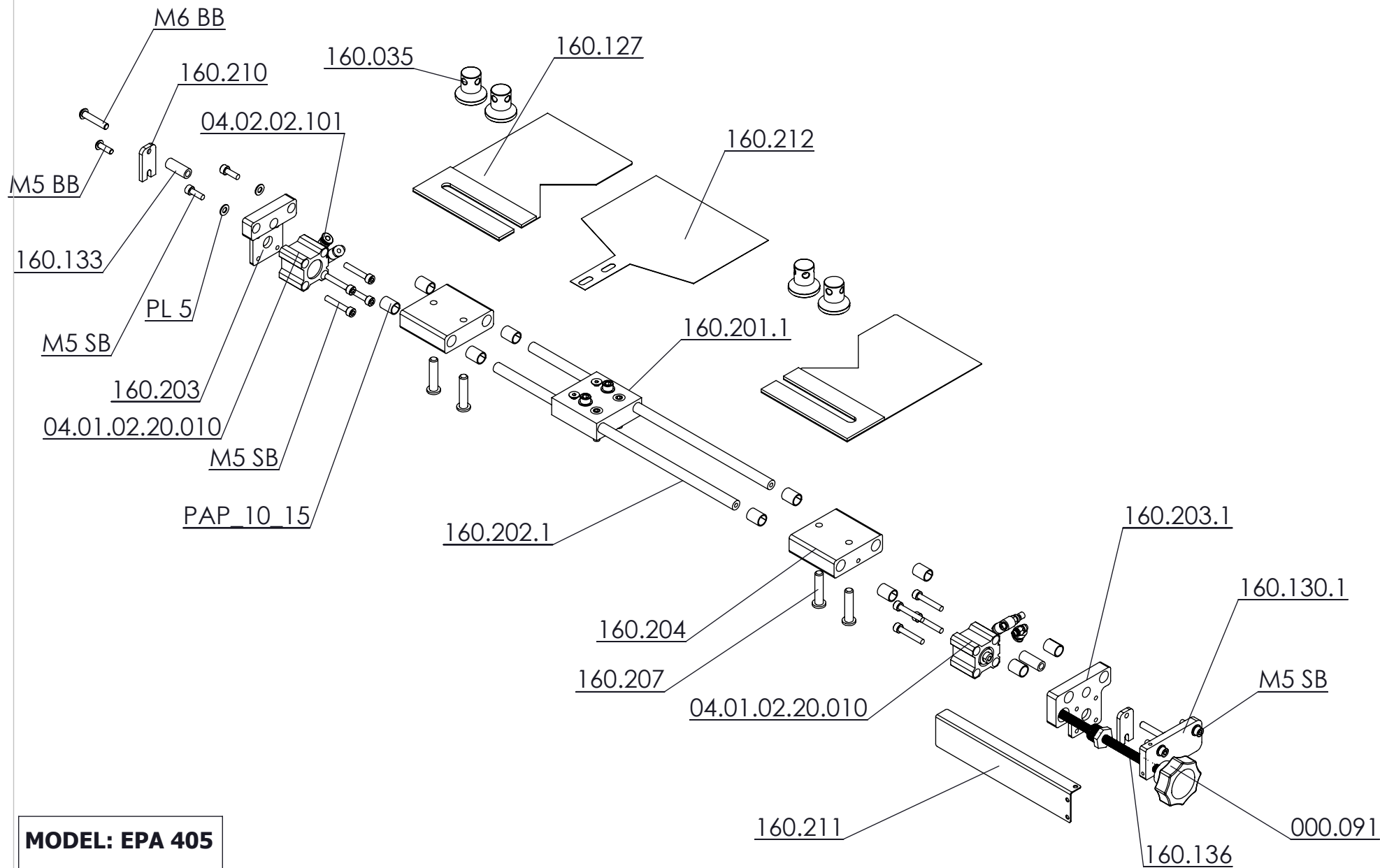


MODEL: EPA 405
CHART:-3-

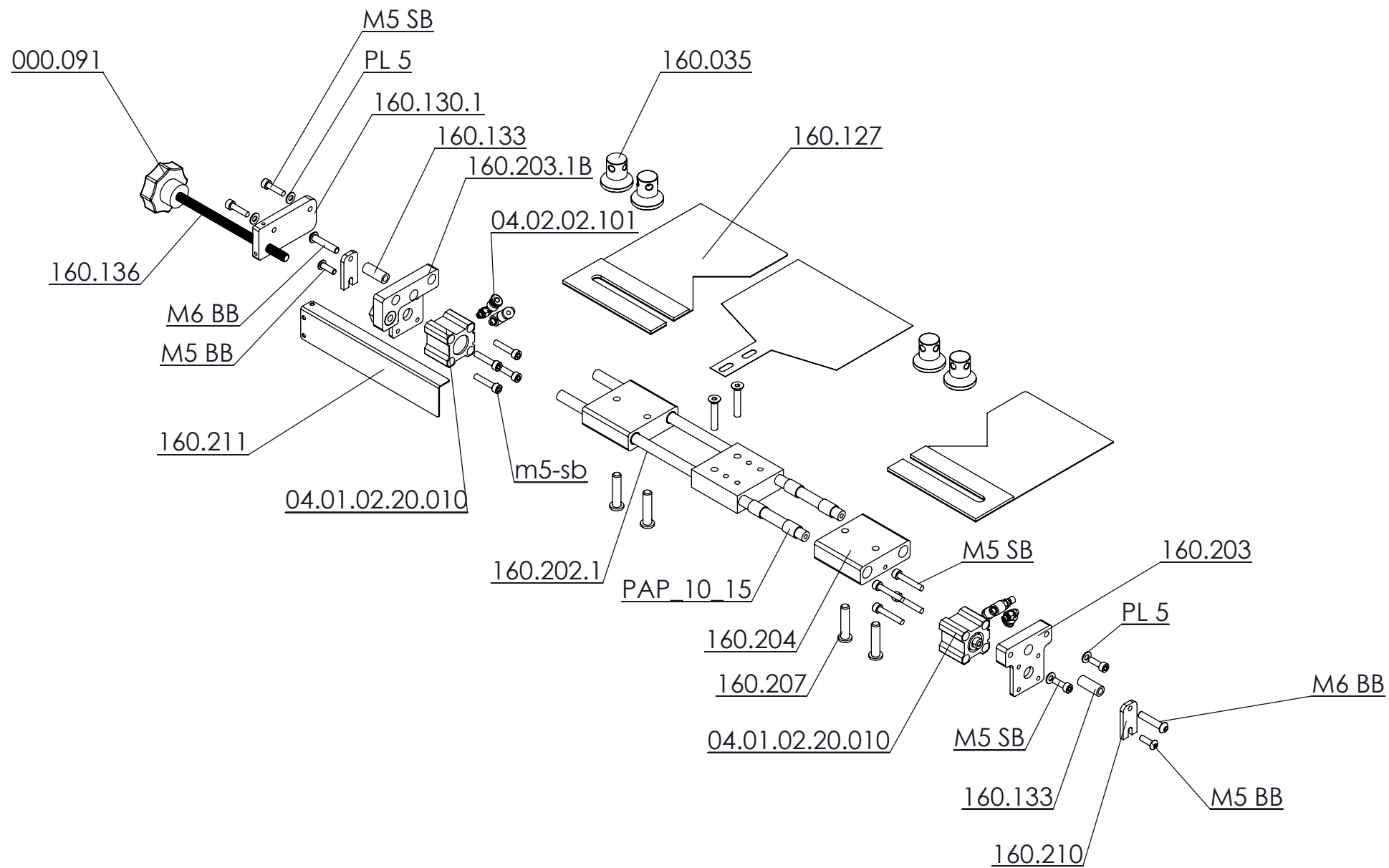


MODEL: EPA 405
CHART: -4-

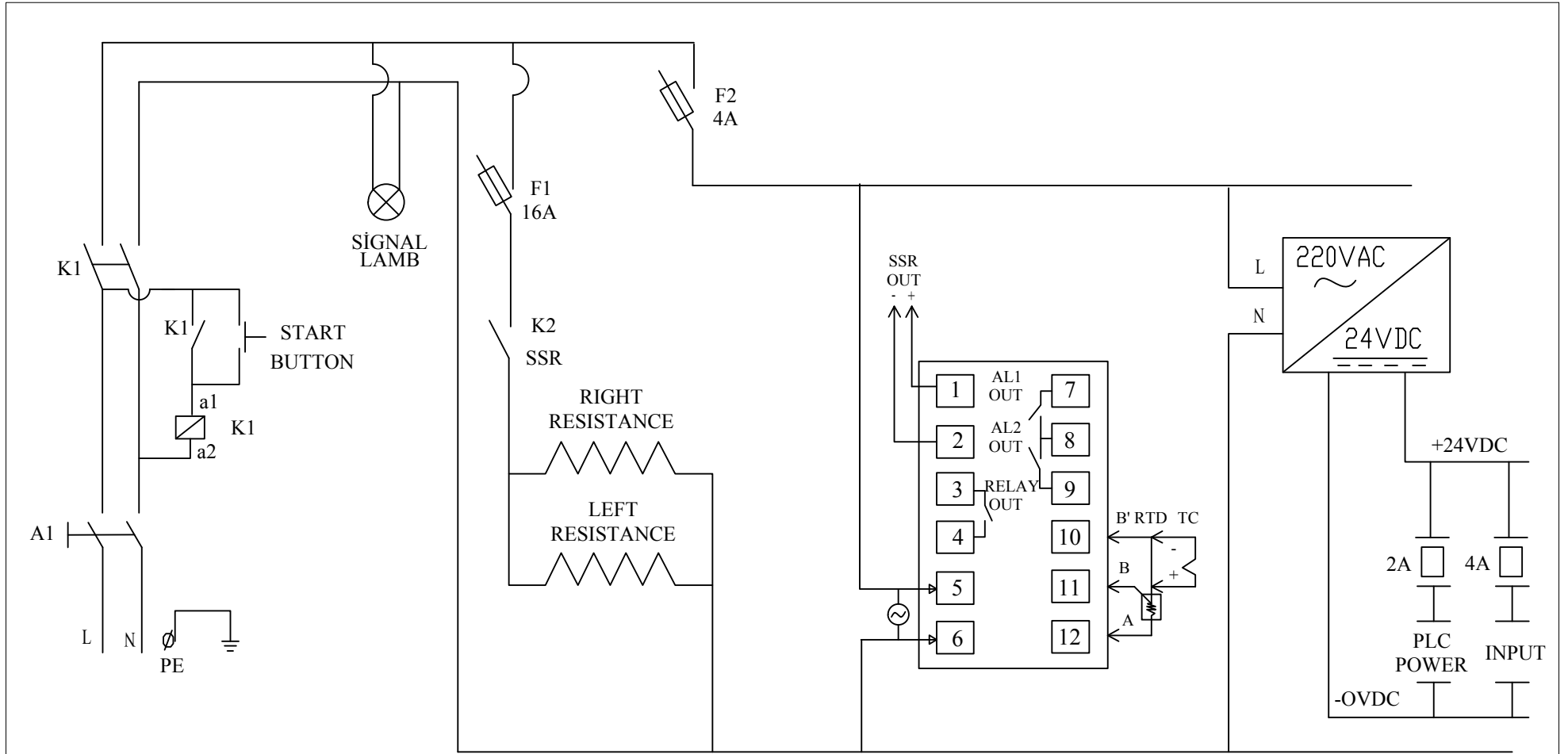




MODEL: EPA 405
CHART: -6-



MODEL: EPA 405
CHART: -7-

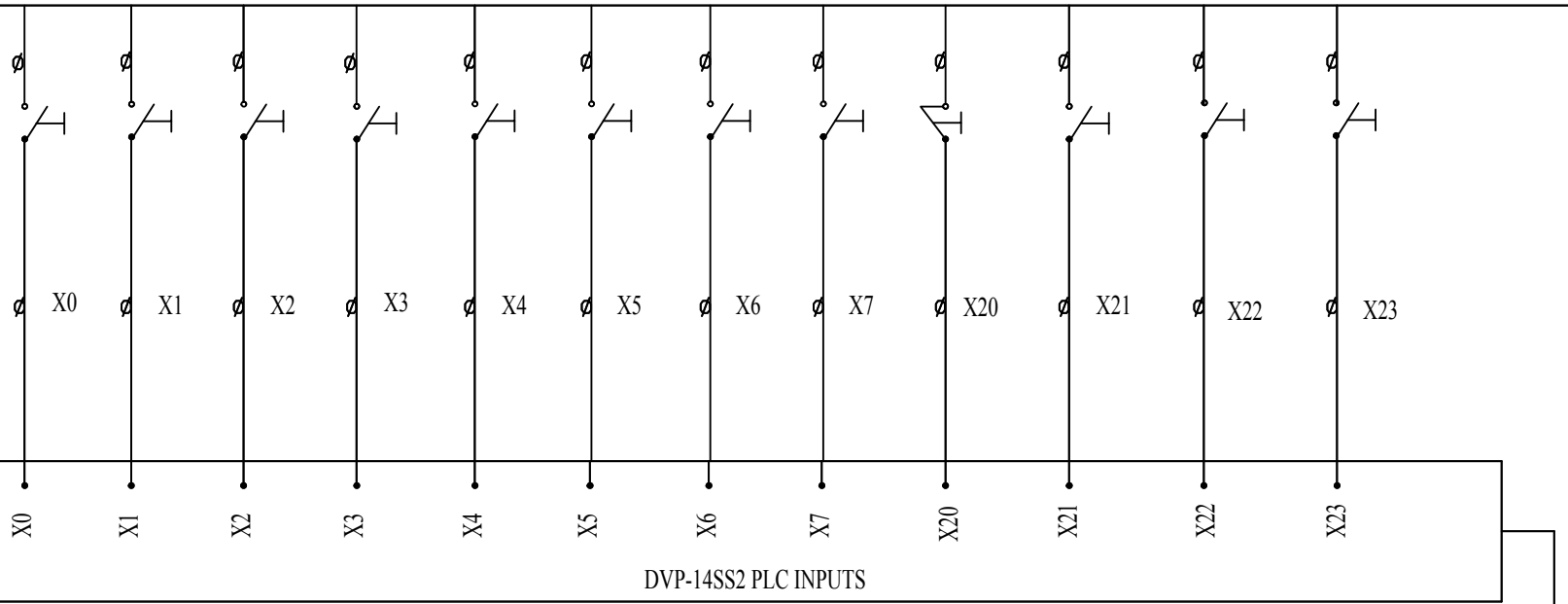


RESISTANCE

HEAT CONTROL

DRAWER	GÜLŞEN YILDIRIM	DATE	03.10.2015
CONTROL	ERHAN ÖZSOY	PAGE NO	28
APPROVAL	ÖZCAN ÖZSOY	MACHINE MODEL	EPA 405

032<+24VDC>

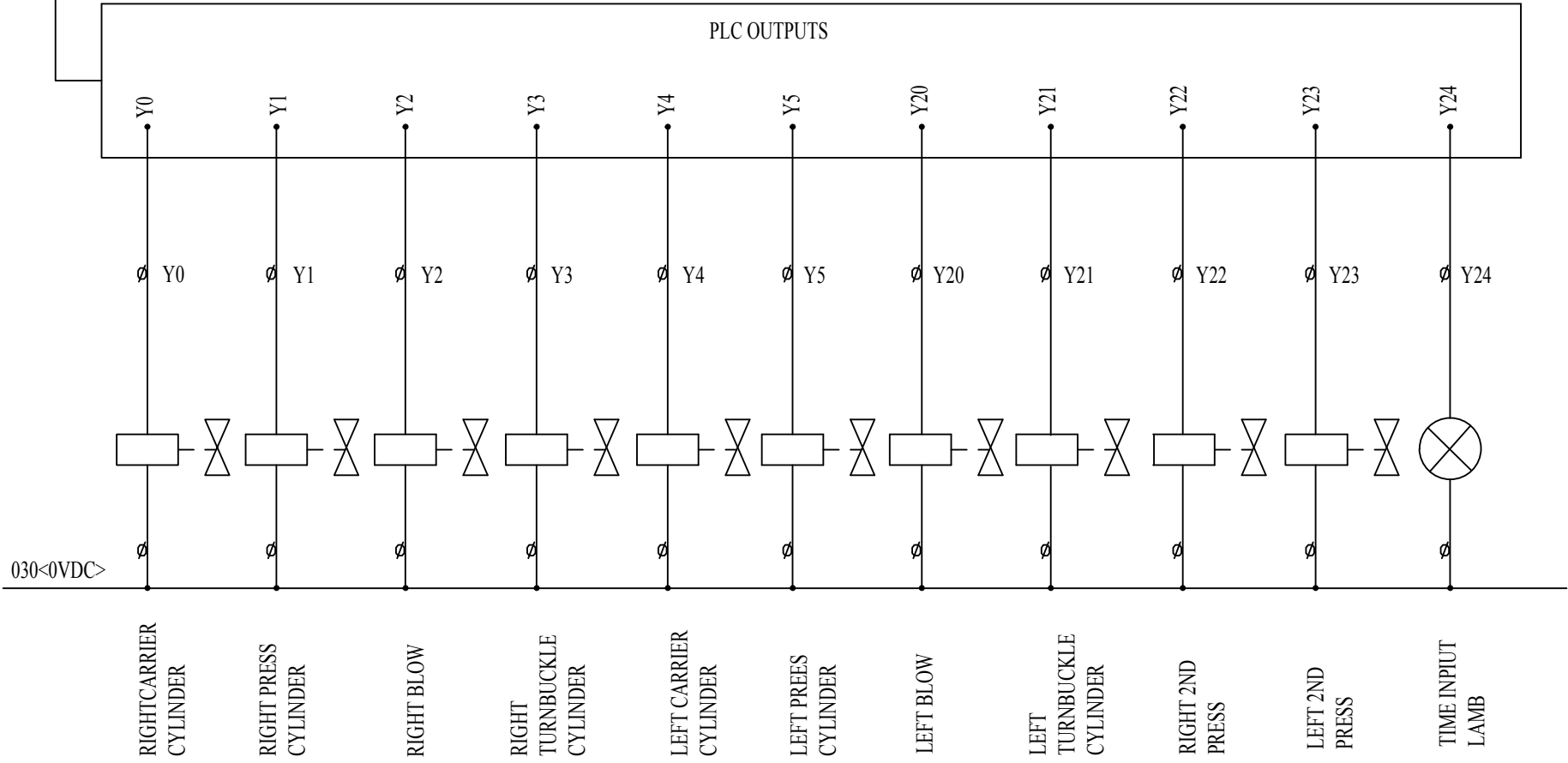


030<0VDC>

RIGHT START
RIGHT BACK SWITCH
RIGHT FORWARD SWITCH
RIGHT PEDAL
LEFT START
LEFT BACK SWITCH
LEFT FORWARD SWITCH
LEFT PEDAL
URGENT STOP
1TH PRESS
2ND PRESS
TIME INPUT

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APPROVAL	ÖZCAN ÖZSOY	MACHINE MODEL	EPA 405	

033<+24VDC>



DRAWER	GÜLŞEN YILDIRIM	DATE	06.10.2015	
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