

# OPERATING INSTRUCTIONS, MAINTENANCE AND SPARE PARTS

## **PLC 160**

### **PICKING FINGERS PULLER AND CUTTER**



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## **COMPLETE REFERENCES MATERIAL**

### **PLC-160 PICKING FINGERS PULLER AND CUTTER**

#### **DISCLAIMER OF WARRANTY**

Our machines are guaranteed for 1 month from the date of delivery against construction defects or defects in material recognized by the manufacturer. Our guarantee is strictly limited to the furniture of new parts to replace defective parts recognized by the manufacturer, precluding us from being responsible for any damages or losses caused directly or indirectly to the user, including disassembly, assembly, packaging, work force, etc... Only transportation is included in our warranty.

Are excluded from the guarantee: the damages due to a normal wearing or an improper use of the machines. Damages due to a lack of supervision, care, maintenance, use misuse, faulty installation, the intervention of an unauthorized person on the machine or the non-observation of the operating instructions, are not guaranteed either.

**This warranty does not extend to wearing parts such as blades, flexibles, bearings, etc...**

All claims must be sent by mail within eight days after the discovery of the flaw. According to Article 4 of the Decree of 28 March 1978, the legal guarantee under sections 1641 to 1649 of the French Civil Code applies in any case.

## NOTICE FOR THE MANAGER TO PREVENT CUT

1. If the PLC-160 does not work properly, it must be removed and repaired. Do not use a dysfunctional machine.
2. Make sure that all users of this equipment have been trained to use it properly and are aware of possible dangers in case of a non-compliant use to the procedures described in this manual.
3. The instruction manual must be given to users of the machine and the concerned services such as maintenance.
4. Never make any changes or modifications to the device.
5. Follow the installation and maintenance instructions to make sure the installation and maintenance of the device is appropriate.
6. Prevent injury. Prohibit the improper use of the device.
7. If you are a **Plumatech** distributor or reseller, you must provide the safety sheets and appropriate instructions to the tenant. *Additional copies of these documents will be provided on request.*

## INSTRUCTIONS FOR THE USER, THE MAINTENANCE SERVICE.

***Stop using any tool functioning badly. Inform the manager at the slightest problem.***

1. Disconnect the air supply hose before performing any maintenance or repair.
2. Disconnect the air supply hose or let it be disconnected by somebody before proceeding any cleaning operation.
3. Disconnect the air supply hose when the device is not used.
4. Never put fingers, hands or other body parts on the trajectory of the jaws when the device is operating.
5. Test the equipment daily or before every use. By pressing the trigger, the jaws must be retracted into the housing. By releasing the trigger, the jaws must be out of the housing. In case of dysfunction, stop using the device and signal or repair it as soon as possible.
6. Never press the trigger if you do not wish use the device.
7. Do not make any changes or modifications to the device. *Replace any sticker missing or which became unreadable.*
8. Always have both hands in contact with the machine during use. One on the handle and the other on or under the body of the machine. Do not place, in any circumstances, fingers in front of the machine.

## TECHNICAL DATA

Machine PLC-160	
Operating pressure	7 bar - 101.57 psi
Air consumption (per cycle)	0.6 L - 0.158 gal
Total length	325 mm – 12.79 inch
Overall height	280 mm – 11.02 inch
weight	2.9 kg- 6.39 lbs

## LIST OF SPARE PARTS – 1st NOVEMBER 2018

N°	REFERENCE	ARTICLE	CONDITIONNEMENT
1	LAMES 160	LAMES	5
2	M2E 16005	MACHOIRE DOUBLE ERGOT	1
3	M1E 16006	MACHOIRE SIMPLE ERGOT	1
4	GALETS LAITON 160010	GALETS LAITON	2
5	GACHETTE 10004	GACHETTE COMPLETE	1
6	DISTRIBUTEUR 10005	DISTRIBUTEUR	1
7	POIGNEE C.C 10043	POIGNEE DE COUPE COMPLETE	1
8	POIGNEE 10001	POIGNEE	1
9	LIAISON M. 16007	LIASION MÂCHOIRES + TIGE F.F	1
10	FLASQUE INF 16004	PLC FLASQUE INF	1
11	FLASQUE SUP 16003	PLC FLASQUE SUP	1
12	GALETS AXE 160011	AXE DE GALETS	2
13	VERIN 10017	VERIN	1
14	PROTECTION AV 16046	PROTECTION FLASQUE AVANT	1
15	PROTECTION AR 16047	PROTECTION FLASQUE ARRIERE	1



Please contact Sedgbeer Ltd for all spare part enquiries and new tools:  
[info@sedgbeer.co.uk](mailto:info@sedgbeer.co.uk)

## INSTALLATION INSTRUCTIONS

1. The user must have sufficient working space to properly use the device.
2. Make the necessary connections.
  - 2.1 The required minimum supply of compressed air is 0,528 gal per cycle at a pressure of 101,57 psi.

## OPERATING INSTRUCTIONS TO PULLING FINGER

**IMPORTANT :** *Always disconnect the air supply hose before performing any maintenance or repair.*

1. Connect the air supply hose.
2. Every day, before starting to use the device, check the following:
  - 2.1 Make sure that the pressure of the compressed air is correct.
  - 2.2 Make sure that the tool is working properly. By pressing the trigger, the jaws must be retracted into the housing. By releasing the trigger, the jaws must out of the housing. In case of dysfunction, stop using the device and signaled or repaired as soon as possible.
3. Insert picking fingers.
  - 3.1 Set up by hand the rubber finger in the picking finger bracket hole. Firmly pull by hand the rubber finger so that it fits in place during use of the tool.
  - 3.2 Place the jaws open on the picking finger and press the tool against the picking finger bracket.

3.3 Press the trigger to catch and pull the picking finger with the device. Pull the picking finger through the support in such a way that the throat rests in the hole of the bracket. *Repeat this step if necessary.*

3.4 Release the trigger lever and remove the device.

## **OPERATING INSTRUCTIONS FOR CUTTING A PICKING FINGER**

**IMPORTANT :** *Always disconnect the supply hose before performing any maintenance or repair.*

*Always have both hands in contact with the machine during its use.*

1. Connect the air supply hose.

2. Every day, before starting to use the device, check the following:

2.2 Make sure that the pressure of the compressed air is correct.

2.3 Make sure that the device is working properly. By pressing the trigger, the jaws must be retracted into the housing. By releasing the trigger, the jaws must be out of the housing. In case of dysfunction, stop using the device and signal or repair it as soon as possible.

2.4 Make sure using the cutting handle that the blade is not damaged, and that it comes back right to the return of the cut handle.

3. Place the jaws open on the picking finger and press the device against the picking fingers bracket.

4. Press the trigger in order to let the device catch and pull the picking finger. Pull the picking finger to its maximum. *Repeat this step if necessary.*

5. Keep your finger on the trigger. That will maintain the picking finger in extension.

6. Move the handle to cut the picking finger. Do not place, in any circumstances, fingers in front of the machine.

7. Release the cut picking finger handle.



8. Once the cut picking finger is in neutral position, release the trigger.
9. Remove the machine, guide the machine to let the picking finger body fall down.
10. Repeat steps 6 to 12 for the others picking fingers to cut.

## **MAINTENANCE INSTRUCTIONS**

**IMPORTANT :** *Always disconnect the supply hose before performing any maintenance or repair.*

1. Before using the device, check the following:
  - 1.1 Make sure that the device is working properly. By pressing the trigger, the jaws must be retracted into the housing. By releasing the trigger, the jaws must be out of the housing.
  - N.B : Connect only the air hose to process the verifications.**
  - 1.2 Disconnect the air hose. Check the tightness of all the screws, nuts and the package fastening.
  - 1.3 Clean the device.
  - 1.4 Retest under air pressure to check the proper functioning of the machine.

## CHANGING THE BLADE

**IMPORTANT :** *Never change the blade if the machine is connected to the air hose.*

1. Disconnect the air hose.
2. Unscrew the 5 *BTR 4* that hold the shaft of the cut handle.
3. Unscrew the *BTR 4* which holds the blade. Remove the blade, and replace it.
4. Fix the blade using the *BTR 4*. Put back in position the shaft who cut the picking finger; Strengthen the 5 *BTR 4* that hold the rod.
5. The inactive blade must be in the light and not to obstruct the entry or exit of the picking fingers between the jaws.

## Déclaration CE de conformité

*Selon la réglementation Nouvelle Approche,  
selon la directive 2001/95/CE du Parlement européen et du Conseil  
Et  
selon la directive 97/23/CE du Parlement européen et du Conseil*

Nous,  
**PLUMA'TECH SA**

ZA du Raussan  
22940 – PLAINTEL – France

garantissons et déclarons, sous notre seule responsabilité, que les produits :

### **PLC-160 et PLC-92**

*Module A en application au point 3 de l'article 3 de la directive 97/23/CE*

sont conforme aux exigences applicables de la réglementation Nouvelle Approche, de  
la directive 2001/95/CE et à la directive 97/23/CE.

Fait à Plainel,  
le 12/09/2016

Franck Le Meaux, PDG

## CONTACT INFORMATION



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