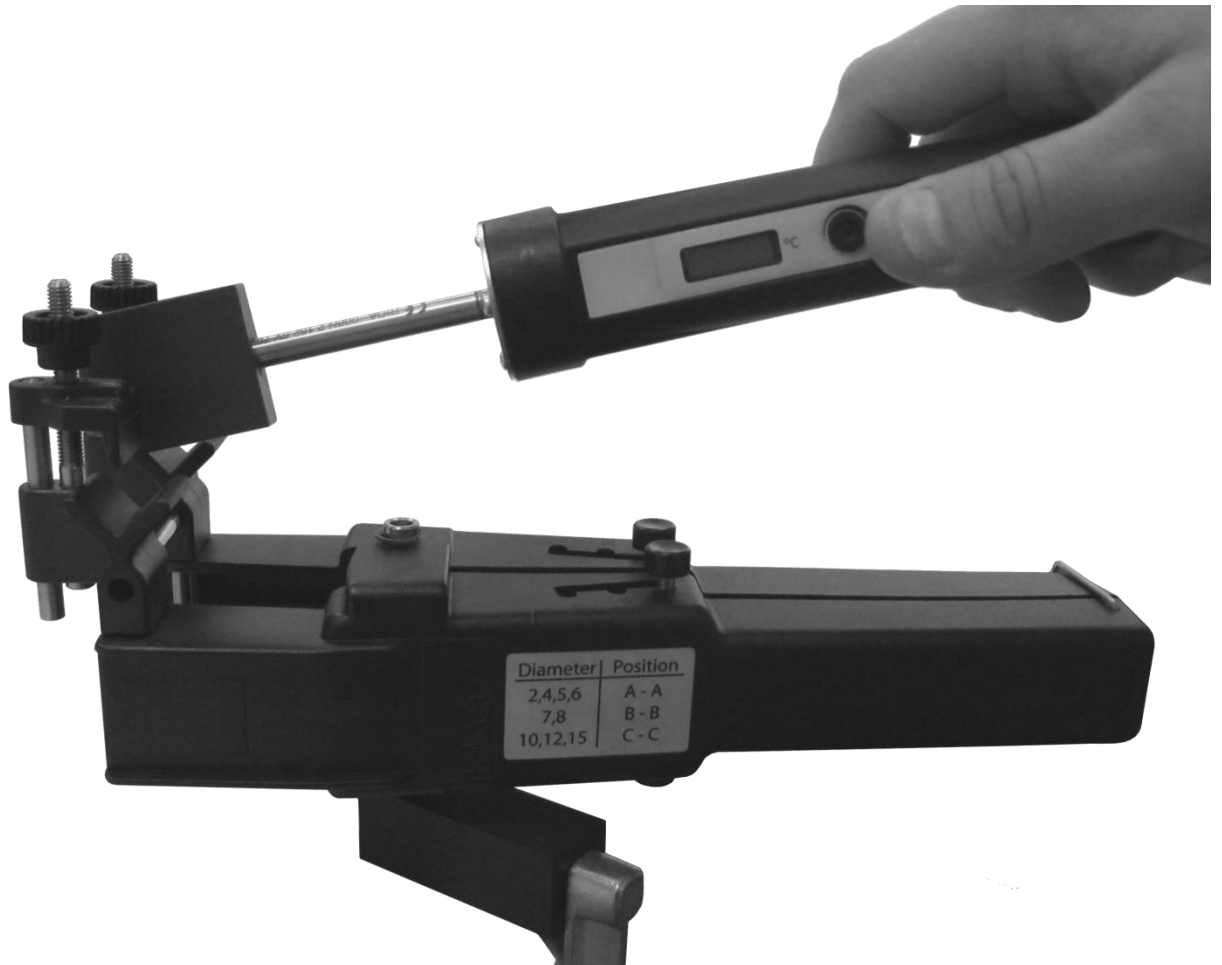




Welding kit PQ-01





SAFETY WARNINGS!

WARNING



This device can be used by children over age 8 and by individuals with limited physical, sensorial or mental abilities or who lack experience and knowledge if supervised and/or instructed on device use to ensure they understand the involved risks. Children should not play with the device. Cleaning and maintenance should be performed by adequately trained qualified personnel.

WARNING



Warning: Some product parts can be very hot and cause burns! Special caution is required when used near children and vulnerable individuals.

WARNING



These operating instructions imply that all assembly, maintenance, and repair work, as well as operation of the welding kit, be carried out by skilled personnel or monitored by responsible specialists.

For reasons of scope, these instructions cannot cover all possible aspects of operation, maintenance, or repair. The indications given herein refer to the use of the machines according to their designated purpose by skilled personnel.

In case of doubt or if further detailed information is required, please consult the manufacturer.

WARNING



If the power cord is damaged, it must be replaced by the manufacturer or distributor or qualified individual to avoid user hazards.

WARNING



All work on the welding kit involving electrical parts has to be carried out by the respective specialists only.

Observe your local laws about required training of such personnel.



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ANNEXES:

WELDER W-01

JOINING SPRING CLAMP CQ-01



0 Introduction

The PQ-01 welding kit it's a kit for the welding of thermoplastic round belts.

The splicing operation is performed by butt-end welding of the two ends of the belt.

In the first stage (heating), the belt ends are locked on the two screw clamps of the positioning device and melted by pressing them on the hot surface of the heating plate.

In the second stage (welding), the heating plate is removed and the melted ends of the belt are pressed together to weld the junction.

In the third stage (finishing), the junction is allowed to cool and then the burr on the junction is removed by means of a blade or grinding, obtaining a high quality closed loop round belt.

The PQ-01 kit is suited for on-site installation or for medium/small mass production in a workshop.

The PQ-01 kit includes:

- W-01 welder for 120V or 230V power voltage + Heating plate;
- CQ-01 joining spring clamp;

According to power supply voltage of the included W-01 welder, the PQ-01 kit is divided into:

- PQ-01/6 for 120V power voltage H088000525
- PQ-01/8 for 230V power voltage H088000526

Q.ty	Description	Code
1	W-01/6 welder + Heating plate	H088000561
	W-01/8 welder + Heating plate	H088000562
1	CQ-01 joining spring clamp	H080690240

Below are attached the user manuals of the devices making up the kit.



Welder W-01





SAFETY WARNINGS!

WARNING



This device can be used by children over age 8 and by individuals with limited physical, sensorial or mental abilities or who lack experience and knowledge if supervised and/or instructed on device use to ensure they understand the involved risks. Children should not play with the device. Cleaning and maintenance should be performed by adequately trained qualified personnel.

WARNING



Warning: Some product parts can be very hot and cause burns! Special caution is required when used near children and vulnerable individuals.

WARNING



These operating instructions imply that all assembly, maintenance, and repair work, as well as operation of the welding device, be carried out by skilled personnel or monitored by responsible specialists.

For reasons of scope, these instructions cannot cover all possible aspects of operation, maintenance, or repair. The indications given herein refer to the use of the machines according to their designated purpose by skilled personnel. In case of doubt or if further detailed information is required, please consult the manufacturer.

WARNING



If the power cord is damaged, it must be replaced by the manufacturer or distributor or qualified individual to avoid user hazards.

WARNING



All work on the welding device involving electrical parts has to be carried out by the respective specialists only.
Observe your local laws about required training of such personnel.



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0 Introduction

The welder W-01 is a device for welding of thermoplastic round belts (Polycord).

Its use is expected in combination with the devices CQ-01 and CQ-02 specifically dedicated to the positioning of the thermoplastic round belts.

With W-01 are indistinctly indicated the models:

- W-01/6 for 120V power voltage
- W-01/8 for 230V power voltage

1 General information

1.1 Application

The welder W-01 was specifically designed for a rapid and safe welding of thermoplastic round belts up to a diameter of 15 mm / 0,6 in. in combination with the positioning devices CQ-01 and CQ-02.

The welder W-01 is manufactured according to recognized engineering principles and state of art technology, and complies with applicable regulations.



These operating instructions imply that all assembly, maintenance, and repair work, as well as operation of the welding device, be carried out by **SKILLED/QUALIFIED PERSONNEL** or monitored by responsible specialists.

For reasons of scope, these instructions cannot cover all possible aspects of operation, maintenance, or repair. The indications given herein refer to the use of the machines according to their designated purpose by skilled personnel.

In case of doubt or if further detailed information is required, please consult the manufacturer.

1.2 Important safety terms

Symbols **WARNING** and **INDICATION** were included in this manual.

These symbols indicate hazards or special instructions to be observed.



WARNING Serious injury and/or serious material damages may ensue if ignored.



INDICATION Indicates important technical information that may not be known to even expert personnel.

1.2.1 General warnings



Read all hazard warnings and operating instructions.

Failure to observe the hazard warnings and operating instructions may lead to electrical shock, fire and/or serious injury hazards.

The tool power plug must be suited to the socket. Strictly avoid modifying the plug. Do not use adapter plugs. Unmodified plugs and sockets suited for the purpose reduce electrical shock risks.



Store the tool away from rain or humidity. Water penetration in the tool increases electrical shock risk. Do not use the cord for purposes other than those intended and, specifically, do not use it to transport or hang the tool and do not pull on it to unplug the tool. Keep the cord away from heat, oil, sharp corners and machine parts in motion. Damages and tangled cords increase electrical shock risks.

1.2.2 Personnel safety

Never use the tool when tired or under the influence of drugs, alcohol or prescription medicine. Always wear personal safety devices as well as protective gloves. When the tool is not used, keep out of reach of children. Do not allow untrained personnel or personnel who have not read these instructions use the tool.

1.2.3 Improper use

The welder W-01 was exclusively designed for the applications described in this user manual. In particular, the welder W-01 was developed to join Habasit fabric belts made of technopolymers (TPU, PA, PVC, TPO...) without metal. An improper use and an application for different purposes than those described in the instructions are not allowed.



Habasit declines any responsibility for the consequences of an improper use.

Observe all assembly, operation and maintenance indications of the machine, as well as all technical data! This will avoid any problem/damage to persons or objects. The term QUALIFIED PERSONNEL refers to persons authorized to carry out the required work. These persons must be adequately trained and have such an experience in their field to be able to reckon and prevent danger. They are aware of the relative dispositions and safety regulations.



1.3 EC declaration of conformity

Habasit Italiana Spa has included the EC Declaration of Conformity with the machine as per European Directives 2014/35/UE – APPENDIX IV and 2014/30/UE – APPENDIX IV :

DICHIARAZIONE DI CONFORMITÀ

DECLARATION OF CONFORMITY

2014/35/UE - Allegato IV / 2014/30/UE - Allegato IV



Noi We

HABASIT ITALIANA S.p.A.
Via del Lavoro, 50
31016 Cordignano (TV) - ITALY

dichiaro sotto la nostra esclusiva responsabilità che *declare under our sole responsibility*
la macchina tipo: *that the machine type:*

Saldatore a caldo Heat welder

Modello: *Series:*

W-01/x

Matricola: *Serial Number:*

Anno di fabbricazione: *Year of construction*

2016

è conforme alle seguenti direttive: *is in conformance with the following directives:*

2014/35/UE

Direttiva Bassa Tensione *Low Voltage Directive*

2014/30/UE

Direttiva Compatibilità Elettromagnetica *Electromagnetic Compatibility Directive*

e soddisfa, ove pertinenti, i requisiti delle seguenti *and is in conformance with the rules of the following*
norme armonizzate: *harmonized standard:*

**EN 55014-1; EN 55014-1/A1; EN 55014-1/A2; EN 55014-2; EN 61000-3-2; EN 61000-3-3; EN 62233; EN 60335-2-45
+A1+A2**

Il Fascicolo Tecnico viene conservato presso: *The Technical File is stored at:*

HABASIT ITALIANA S.p.A.
Via del Lavoro, 50
31016 Cordignano (TV) - ITALY

Cordignano,

Il Direttore Generale
General Manager

Ugo Passadore

Il Responsabile del Fascicolo Tecnico
Technical File Manager

Matteo Mapelli

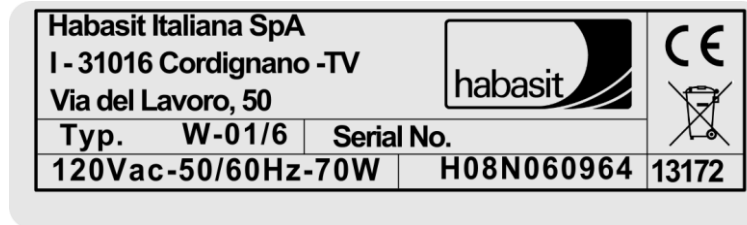
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1.4 EC plates

The EC plate was affixed to the device:



2 General description

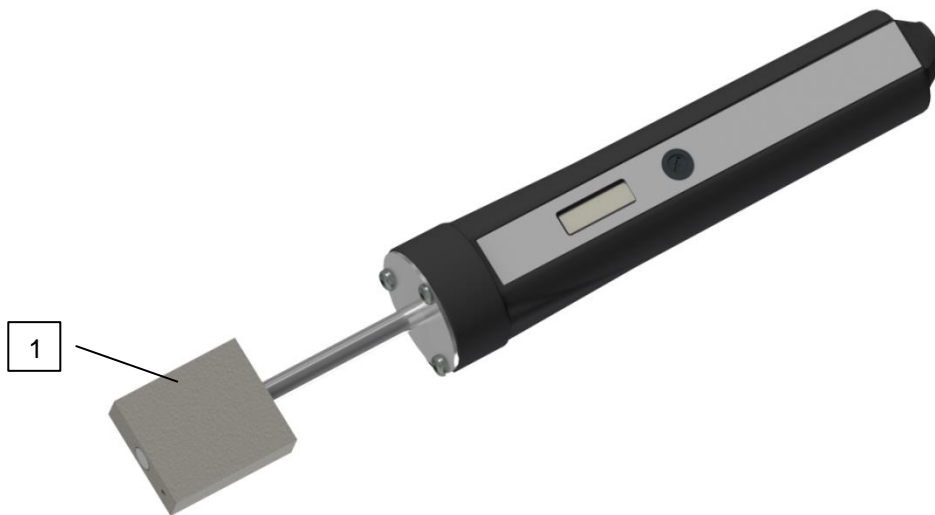


Figure 1: General overview

Pos.	Description
1	HEATING PLATE



3 Technical data

Characteristics	UM	Value
▪ ELECTRICAL DATA		
- Nominal power voltage	Vac	1x230 Vac 50-60 Hz (W-01/8) 1x120 Vac 50-60 Hz (W-01/6)
- Overall installed power	W	70
▪ PRODUCTION		
- Round belt diameter	mm [inc]	2±15 [0,08 ±0,6]
- Max temperature	°C [°F]	270 [519]
- Max plate temperature deviation	°C [°F]	± 10 [± 18]
- Preheating time	[min]	10
▪ DIMENSIONS		
- Dimensions (<i>length x height x depth</i>)	mm [inc]	270L x 150W x 40H [10,6L x 5,9W x 1,6H]
▪ WEIGHT		
- Net weight	kg [lbs]	0,31 [0,68]

4 Operating mode

The welder W-01 operates according to the hot blade principle; to weld the belts, make contact between the belt ends and the hot plate of the welder.

The heating power and the electronic regulator of the welder W-01, in combination with the heating plate are optimally adapted to the energy requirement for butt-end welding of thermoplastic round belts



5 Getting started

Make sure the voltage specified on the specifications plate corresponds to connected mains voltage.



A tool marked 230 V can also be connected to the 220 V mains.
Similarly, for the 120 V version, 110 V power is tolerated.

Make sure the heating plate [1] is clean.

Connect the welder W-01 to mains and place it on the support or on a sufficiently flat surface. Respect preheating time of 10 min.

Check temperature of the heating plate. The temperature is preset at the factory at 270 °C / 519 °F.



WARNING

Do not touch the hot zone of the welding tool!
Keep device away from water and meltable substances.

Make sure the heating plate do not touch surfaces or objects when the welder is placed on the support or on the workbench.



Do not suspend the welder W-01 from its cable with the heating plate swinging. The heat rising from the heating plate [1] may damage the welder W-01.
During pauses in work, place the welder, if it is still connected to the mains, on the supplied support or on a level surface



6 Welding of round belts

Procedure: refer to the user manual of the CQ positioning device used.

7 Maintenance

Always keep the welding device clean. Clean the heating plate [1] regularly and remove all material residues. Clean the heating plate [1] while heated with a cotton cloth



For cleaning with a cloth moistened with water or solvent, the welder must be disconnected from the power supply.
Do not reconnect to the power supply until the welder is completely dry.



Burning hazard! Fold cotton cloth in several layers to assure good insulation!. Do not touch hot surfaces



Never clean heating plate [1] with hard objects (such as screwdrivers, spatulas etc.)!
This will damage the Teflon coating

Periodically inspect the power supply cable and connector plug for defects (insulation damage, etc.) and rectify or replace with the correct type where necessary.

7.1 Measuring of the plate temperature on the welder W-01/6 or W-01/8

Check the operating temperature of the welding device once a month.

Carry out this check in an interior room in a draft-free environment with an ambient temperature of between 18 °C / 64 °F and 25 °C / 77 °F.



- Heat up the welder for at least 10 minutes.
- Insert a precision temperature probe into the hole [2] of the heating plate [1].
- The temperature gauge ought to indicate 270 °C ± 10 °C / 519 °F ± 18 °F and it must be comparable (± 5 °C / ± 9,5 °F) with the value shown on the display of the welder.



- Should the measured temperature deviates from 270 °C ± 10 °C / 519 °F ± 18 °F, adjust with a screwdriver, increasing or decreasing gradually, the set temperature. When you generate a rotation of the adjustment spindle of the temperature set, the display shows the “flashing” value of the current temperature set. After each change of the set, leave for a few minutes to stabilize the platen temperature on the new value and then check the real value of the plate temperature on the display and on the measuring thermometer. In case of failure to reach the temperature value, replace the welder.



7.2 Replacement of the power cord on welder W-01/6 or W-01/8

Check power cord periodically. In case of damage replace with the same type (imprinted on the cable). To make sure only skilled staff will do this repair, special tools are required for this operation.



All work on the hot-welding device involving electrical parts has to be carried out by the respective specialists only.
Observe your local laws about required training of such personnel.

7.3 Accessory/spare parts orders

Spare parts and accessories can be directly ordered from the manufacturer at the following address:

Habasis Italiana S.p.A.

Via del Lavoro, 50.

31016 CORDIGNANO (TV) - ITALY

Tel.: +39 0438 9113

Fax: + 39 0438 912374

E_mail : info@habasis.it

Internet : www.habasis.com

Please clearly specify ordered part codes.

Enter codes based on Drawings (see chapter “SPARE PARTS”) and, if possible, the power voltage required for mains connection.



The use of other branded spare parts that do not meet Habasis specifications is prohibited.
Habasis is not liable for the use of non-original Habasis spare parts.

7.4 Warranty

All tools are subject to attentive final inspection. They are guaranteed free of material and factory defects for 1 year provided they are used correctly.

7.5 Technical consulting

Our experts are available for all consultations. For technical questions concerning welding device operations and conditions, contact the manufacturer at the address listed above.



8 Dismantling and scrapping

The welder must be uninstalled by HABASIT Assistance Service technicians or authorized HABASIT technicians with experience in:

- Machine assembly/disassembly
- Assembly/disassembly of the electrical, pneumatic and hydraulic plant, consulting the corresponding diagrams.

Generally the machine is decommissioned and dismantled when replaced.

This operation may be performed by specialized companies or the owner; in any case, current regulations must be observed.

If demolished by the user's personnel, the various parts must be separated by type and specialized (and authorized) companies employed for the disposal of the various products.

We would like to remind you that the most important materials used in machine construction are:

- Steel
- Aluminum
- Electric wires
- Plastic materials
- Rubber

	<p>Habasis Italiana Spa has adopted suitable measures to reduce the disposal of RAEE generated by the use of AEE incorporated in its machines in order to reduce RAEE as mixed solid waste to a minimum, to ensure the correct processing and high level of RAEE separate waste collection.</p> <p>Habasis collects the RAEE generated by its production, maintenance and customer service activities as per Directive 2012/19/EU article 13.</p> <p>In order to reduce the presence of hazardous substances when recycling new AEE, Habasis requests suppliers comply with Directive 2012/19/EU and accompany AEE with an explicit declaration of conformity to Directive 2002/95/EC (RoHS).</p>
--	---

	<p>This machine was designed and constructed with recyclable materials and components.</p> <p>If demolished by the customer's staff, the various components must be separated by type.</p> <p>RAEE must be collected separately (art. 3-h) and discarded according to art. 6 in directive 2012/19/EU.</p>
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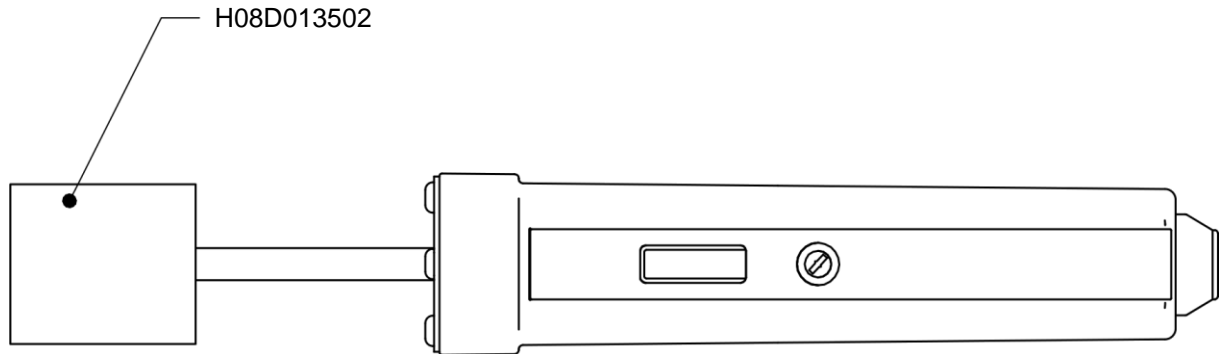


WARNING!

Before carrying out any kind of work on the machine it is essential to ensure that the plant (electrical, pneumatic and water) is disconnected from energy supplies, that the pneumatic and water plant is properly depressurized and that there is no remaining potential energy in the moving parts.



9 Spare parts



10 Customer service

For any further clarifications, contact Habasit Italiana S.p.A. customer service at the following address:

Habasit Italiana S.p.A.
Via del Lavoro, 50.
31016 CORDIGNANO (TV) - ITALY
Tel.: +39 0438 9113
Fax: + 39 0438 912374
E_mail : info@habasit.it
Internet : www.habasit.com

Product liability, application considerations

The proper selection and application of Habasit products, including the related area of product safety, is the responsibility of the customer.

All indications / information are recommendations and believed to be reliable, but no representations, guarantees, or warranties of any kind are made as to their accuracy or suitability for particular applications. The data provided herein are based on laboratory work with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experiences can lead to modifications and changes within a short time without prior notice.

BECAUSE CONDITIONS OF USE ARE OUTSIDE OF HABASIT'S AND ITS AFFILIATED COMPANIES CONTROL, WE CANNOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS MENTIONED HEREIN. THIS ALSO APPLIES TO PROCESS RESULTS / OUTPUT / MANUFACTURING GOODS AS WELL AS TO POSSIBLE DEFECTS, DAMAGES, CONSEQUENTIAL DAMAGES, AND FURTHER-REACHING CONSEQUENCES.

This use and maintenance manual and its attachments are translated from original language (Italian).



11 A1 - Preventive maintenance checklist

Job positions: A: Machine operator
 B: Maintenance technician

Work to be performed (for additional information and reference numbers, see user manual)	Daily	Frequency Periodic (monthly)			Spare part code Evaluation criteria
		1	6	Note	
1. Cleaning					
1.1 Clean the machine after use removing residue deposits	A				
2. Inspect the power cord					
2.1 Inspect the cord and plug to ensure there are no defects		B			Insulation damaged, Defective connections
3. Measure heating plate temperature					
3.1 Proceed as thoroughly indicated in user manual chapter "MAINTENANCE"		B			

Observations and notes:



12 A2 - Preventive maintenance summary sheet

Machine type:

Machine nr.:

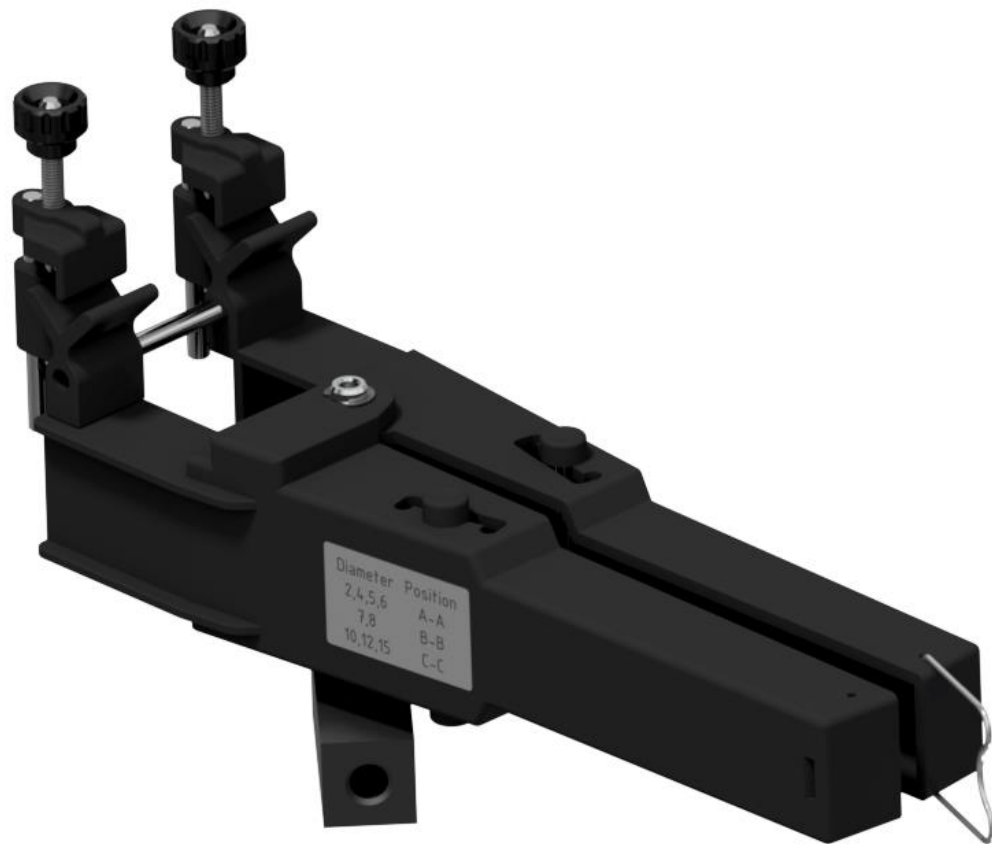
Start date:

Actions – see checklist (daily unrecorded work)	check	completed		check	completed		check	completed		check	completed	
	next	approval	date	next	approval	date	next	approval	date	next	approval	date
2.1 Check for cord damages												
3.1 Measure heating plate temperature												

Observations, repairs:



Joining spring clamp CQ-01





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0 Introduction

The joining spring clamp CQ-01 is a device for positioning of belt ends during the welding of thermoplastic round belts (Polycord).

Its use is expected in combination with the welder W-01 specifically dedicated to the welding of thermoplastic round belts (Polycord).

The joining spring clamp CQ-01 is suited for on-site installation or for medium/small mass production in a workshop.

1 General information

1.1 Application

The joining spring clamp CQ-01 was specifically designed for a rapid and safe positioning of thermoplastic round belts up to a diameter of 15 mm / 0,6 in..

	<p>These operating instructions imply that all assembly, maintenance, and repair work, as well as operation of the positioning device, be carried out by SKILLED/QUALIFIED PERSONNEL or monitored by responsible specialists.</p> <p>For reasons of scope, these instructions cannot cover all possible aspects of operation, maintenance, or repair. The indications given herein refer to the use of the machines according to their designated purpose by skilled personnel.</p> <p>In case of doubt or if further detailed information is required, please consult the manufacturer.</p>
--	---

1.2 Important safety terms

Symbols **WARNING** and **INDICATION** were included in this manual.
These symbols indicate hazards or special instructions to be observed.

	<p>WARNING Serious injury and/or serious material damages may ensue if ignored.</p>
	<p>INDICATION Indicates important technical information that may not be known to even expert personnel.</p>

1.2.1 Personnel safety

Never use the tool when tired or under the influence of drugs, alcohol or prescription medicine.
Always wear personal safety devices as well as protective gloves.
When the tool is not used, keep out of reach of children. Do not allow untrained personnel or personnel who have not read these instructions use the tool.

1.2.2 Improper use

The joining spring clamp CQ-01 was exclusively designed for the applications described in this user manual. An improper use and an application for different purposes than those described in the instructions are not allowed.



Habasis declines any responsibility for the consequences of an improper use.

Observe all assembly, operation and maintenance indications of the machine, as well as all technical data!
This will avoid any problem/damage to persons or objects.

The term **QUALIFIED PERSONNEL** refers to persons authorized to carry out the required work.

These persons must be adequately trained and have such an experience in their field to be able to reckon and prevent danger. They are aware of the relative dispositions and safety regulations.



2 General description

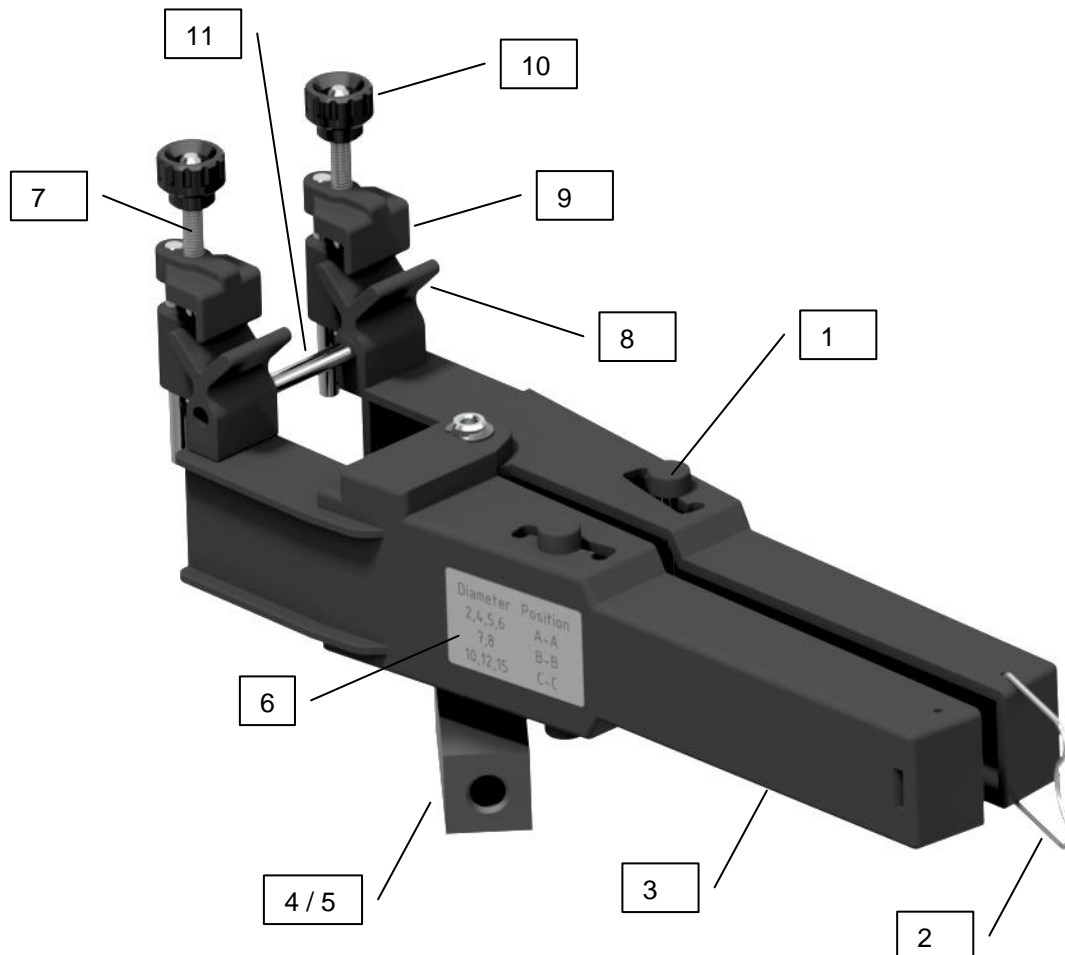


Figure 1: General overview

Pos.	Description
1	CLOSING SPRING
2	LOCKING HOOK
3	HANDLE
4	TABLE SUPPORT
5	TABLE CLAMP
6	INSTRUCTIONS LABEL
7	BELT LOCKING SCREW
8	V-GUIDE
9	BELT LOCKING WEDGE/CHOCK
10	BELT LOCKING KNOB
11	ALIGNMENT PIN



3 Technical data

Characteristics	UM	Value
▪ PRODUCTION		
- Round belt diameter	mm [inc]	2±15 [0,08 ±0,6]
▪ INGOMBRI		
- Dimensions (<i>length x width x height</i>)	mm [inc]	420L x 140W x 115H [16,5L x 5,5W x 4,5H]
▪ PESO		
- Net weight	kg [lbs]	0,68 [1,50]

4 Operating mode

The joining spring clamp CQ-01 operates according to the pressing-tongs principle: to open the arms pressed together by the spring, apply substantial pressure to both handles.

At the tip of each arm there is a screw clamp that allows to lock the ends of the thermoplastic round belt in processing.

The closing of the joining spring clamp is secured by a closing spring [1] which allows the adjustment of the applied force by selecting the working position of the spring.

The label [6] on the handle indicates the correct position of the spring depending on the diameter of the belt in processing.

The blocking hook [2] allows to securely lock the clamp in the open position, thus allowing the blocking operations of the belt ends.

The joining spring clamp CQ-01 is suitable for both stationary and mobile use.

For the stationary use is provided the use of the support for fixing on the workbench. It is possible to make efficient mass-production with an appropriate number of spring clamps [3] and table supports [4 / 5].

For the mobile use (on site), it is sufficient to ensure that there is adequate space for the equipment to operate, in order to work safely.

5 Getting started

Check the spring clamp open and close properly and that the locking of the screw clamps [9] to be effective

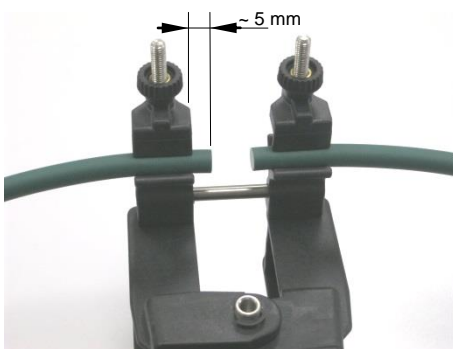
Check the spring clamp is clean and without material residues that may jam the device

For the stationary operation, fix the table support [4/5] to the workbench and place the spring clamp on the support.



6 Welding of round belts

- Cut the thermoplastic round belt ends perpendicular to the axis using the S-16 tool (see accessories available). Refer to the Habasit Guide to determine the correct development of the round belt.
- Move the knobs of the closing spring [1] at the position corresponding to the range of diameters of the round belt in processing.
- Open the spring clamp [3] and lock the handles using the blocking hook.



- Open the screw clamps [9] by unscrewing the knobs [10].
- Introduce belt ends laterally into V guides [8] and lock them into place by protruding the ends about 5 mm / 0,2 in., in accordance with the diameter (if larger must protrude a little more).

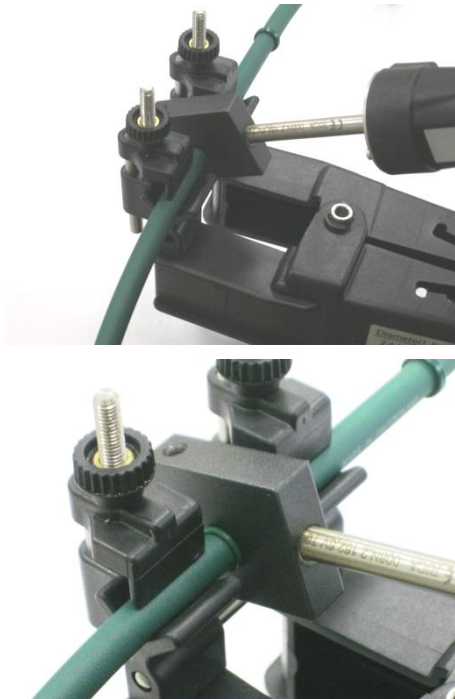


INDICATION

Fix belt without twisting, i.e. according to its "inner disposition"!



- Insert the hot plate of the welder in the space between belt ends locked on the V-guides [8].
- Release the blocking hook [2] and gently close the spring clamp [3] by pressing the belt ends against the hot plate.



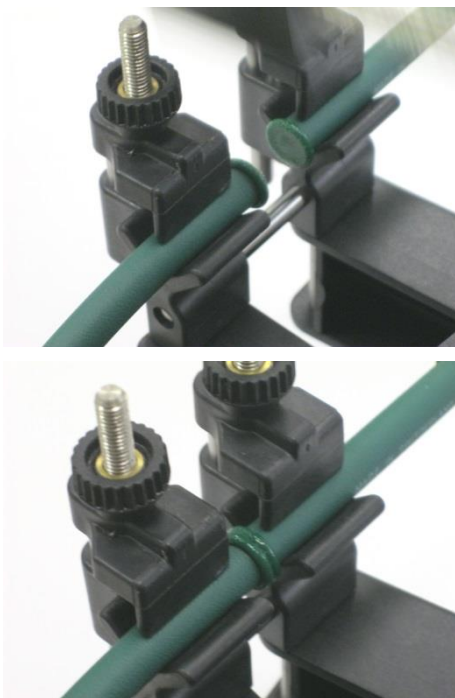
- Wait until it forms a bead of molten material of 1-2 mm / 0,04-0,08 in., which also depends on the diameter of the round belt.



WARNING

Do not inhale vapors generated during welding. Only weld thermoplastic belts in suitably aerated rooms!

The installation of suitable exhaust devices and/or personal protection equipment must be assessed by the user based on work site characteristics and current local laws.



- Gently open the spring clamp [3] by pressing the handles.
 - Quickly remove the welder.
-
- Quickly close the spring clamp [3] (connect the two melted surfaces). The welding pressure is generated by the spring [1]. Wait at least 5 minutes to cool the welded area.



WARNING

Do not touch the hot zone of the welder!
Keep device away from water and meltable substances.

- Open the screw clamps [9] by unscrewing the knobs [10] and remove the joined belt.
- Open the spring clamp [3] and lock the closing hook [2].
- If the welder W-01 is not in use, disconnect it from the mains power supply.
- Remove the bead with a sharp knife or by deburring with abrasive cloth



7 Maintenance

Always keep the spring clamp clean. Clean regularly the heating plate of the welder and remove all material residues. Clean the heating plate while heated with a cotton cloth.

Check the spring clamp [3] works correctly. If necessary, clean and slightly lubricate the pivot axis and the alignment pin [11].

7.1 Accessory/spare parts orders

Spare parts and accessories can be directly ordered from the manufacturer at the following address:

Habasit Italiana S.p.A.

Via del Lavoro, 50.

31016 CORDIGNANO (TV) - ITALY

Tel.: +39 0438 9113

Fax: + 39 0438 912374

E_mail : info@habasit.it

Internet : www.habasit.com

Please clearly specify ordered part codes.

Enter codes based on Drawings (see chapter "SPARE PARTS") and, if possible, the power voltage required for mains connection.



The use of other branded spare parts that do not meet Habasit specifications is prohibited.
Habasit is not liable for the use of non-original Habasit spare parts.



7.2 Warranty

All tools are subject to attentive final inspection. They are guaranteed free of material and factory defects for 1 year provided they are used correctly.

7.3 Technical consulting

Our experts are available for all consultations. For technical questions concerning the positioning device operations and conditions, contact the manufacturer at the address listed above.



8 Dismantling and scrapping

The positioning device must be uninstalled by HABASIT Assistance Service technicians or authorized HABASIT technicians with experience in:

- Machine assembly/disassembly
- Assembly/disassembly of the electrical, pneumatic and hydraulic plant, consulting the corresponding diagrams.

Generally the machine is decommissioned and dismantled when replaced.

This operation may be performed by specialized companies or the owner; in any case, current regulations must be observed.

If demolished by the user's personnel, the various parts must be separated by type and specialized (and authorized) companies employed for the disposal of the various products.

We would like to remind you that the most important materials used in machine construction are:

- Steel
- Aluminum
- Electric wires
- Plastic materials
- Rubber

	<p>Habasis Italiana Spa has adopted suitable measures to reduce the disposal of RAEE generated by the use of AEE incorporated in its machines in order to reduce RAEE as mixed solid waste to a minimum, to ensure the correct processing and high level of RAEE separate waste collection.</p> <p>Habasis collects the RAEE generated by its production, maintenance and customer service activities as per Directive 2012/19/EU article 13.</p> <p>In order to reduce the presence of hazardous substances when recycling new AEE, Habasis requests suppliers comply with Directive 2012/19/EU and accompany AEE with an explicit declaration of conformity to Directive 2002/95/EC (RoHS).</p>
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	<p>This machine was designed and constructed with recyclable materials and components.</p> <p>If demolished by the customer's staff, the various components must be separated by type.</p> <p>RAEE must be collected separately (art. 3-h) and discarded according to art. 6 in directive 2012/19/EU.</p>
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	<p>WARNING!</p> <p>Before carrying out any kind of work on the machine it is essential to ensure that the electrical system is disconnected from energy supplies.</p>
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9 Required accessories

Cutting device

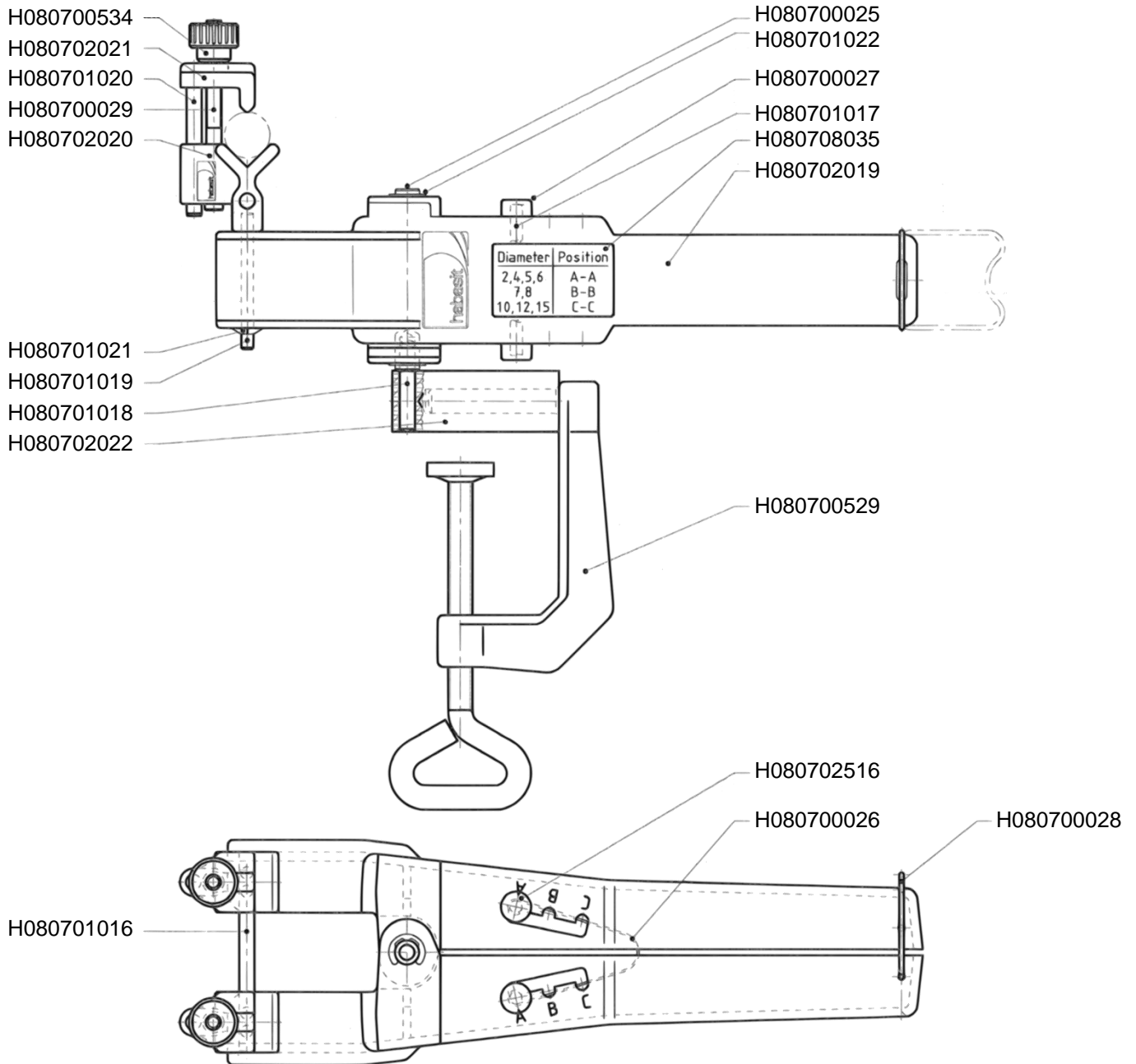
The cutting device S-16 is a manual cutting tool to cut thermoplastic round belts to the required length before the Quickmelt joining procedure takes place.

The S-16 allows to perform a proper right-angled cut up to 15 mm/0.6 in. diameter.





10 Spare parts





11 Customer service

For any further clarifications, contact Habasit Italiana S.p.A. customer service at the following address:

Habasit Italiana S.p.A.

Via del Lavoro, 50.

31016 CORDIGNANO (TV) - ITALY

Tel.: +39 0438 9113

Fax: + 39 0438 912374

E_mail : info@habasit.it

Internet : www.habasit.com

Product liability, application considerations

The proper selection and application of Habasit products, including the related area of product safety, is the responsibility of the customer. All indications / information are recommendations and believed to be reliable, but no representations, guarantees, or warranties of any kind are made as to their accuracy or suitability for particular applications. The data provided herein are based on laboratory work with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experiences can lead to modifications and changes within a short time without prior notice.

BECAUSE CONDITIONS OF USE ARE OUTSIDE OF HABASIT'S AND ITS AFFILIATED COMPANIES CONTROL, WE CANNOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS MENTIONED HEREIN. THIS ALSO APPLIES TO PROCESS RESULTS / OUTPUT / MANUFACTURING GOODS AS WELL AS TO POSSIBLE DEFECTS, DAMAGES, CONSEQUENTIAL DAMAGES, AND FURTHER-REACHING CONSEQUENCES.

This use and maintenance manual and its attachments are translated from original language (Italian).