METAL-FACH Sp. z o.o.
16-100 Sokółka, ul. Kresowa 62
Tel: (0-85) 711 98 40
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OPERATING INSTRUCTIONS
"KRUK" CULTIVATOR

Type U-710, U710/1

Edition no. 05
Year of issue 2012
Original Operating Instructions
Manufacturer:
METAL-FACH Sp. z o.o.
ul. Kresowa 62
16-100 SOKÓŁKA,
Machine:

"KRUK" Cultivator
type/model: U710.............................
serial number:.............................
year of manufacture: ......................

Function/ intended use: soil cultivation before sowing

We declare that the machine which this declaration concerns meets the following requirements:
  Compliance has been evaluated with the following harmonised standards:

<table>
<thead>
<tr>
<th>PN-EN ISO 4254-1:2009 + AC:2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>PN-EN ISO 13857:2010</td>
</tr>
<tr>
<td>PN-EN ISO 12100:2011</td>
</tr>
</tbody>
</table>


Safety Test Report No. MF/3/2010
Person authorised to prepare the technical documentation: Metal-Fach Technical Department

This Declaration of Conformity becomes void and null if the machine’s design is changed or modified in any manner without prior consent from the manufacturer.

Sokółka 13.10.2010r

President of the Management Board
Jacek Marek Kucharewicz
Nameplate

Please state the type and identification number of the machine in all communications, questions and warranty issues.

The identification data of the machine can be found on the data plate located on the upper front hitch of the three point hitch.

The manual is a part of the machine's base equipment.
# Identification data

<table>
<thead>
<tr>
<th>Machine type:</th>
<th>cultivator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial designation:</td>
<td>KRUUK</td>
</tr>
<tr>
<td>Type / Code:</td>
<td>U-710-</td>
</tr>
<tr>
<td></td>
<td>.................................*</td>
</tr>
<tr>
<td></td>
<td>U-710/1-</td>
</tr>
<tr>
<td></td>
<td>.................................*</td>
</tr>
<tr>
<td>Serial no.:</td>
<td>................................</td>
</tr>
<tr>
<td>Machine manufacturer:</td>
<td>&quot;METAL-FACH&quot; Sp. z o.o.</td>
</tr>
<tr>
<td></td>
<td>16-100 Sokółka</td>
</tr>
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<td></td>
<td>ul. Kresowa 62</td>
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<td></td>
<td>Tel: (0-85) 711 98 40</td>
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<tr>
<td></td>
<td>Fax: (0-85) 711 90 65</td>
</tr>
<tr>
<td>Seller:</td>
<td>................................</td>
</tr>
<tr>
<td>Address:</td>
<td>................................</td>
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<td></td>
<td>................................</td>
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<tr>
<td>Tel./Fax:</td>
<td>................................</td>
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<tr>
<td></td>
<td>................................</td>
</tr>
<tr>
<td>Date of delivery:</td>
<td>................................</td>
</tr>
<tr>
<td>Owner / User:</td>
<td>Name:</td>
</tr>
<tr>
<td></td>
<td>................................</td>
</tr>
<tr>
<td>Address:</td>
<td>................................</td>
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<td></td>
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<tr>
<td>Tel./Fax:</td>
<td>................................</td>
</tr>
<tr>
<td></td>
<td>................................</td>
</tr>
</tbody>
</table>

**HINT:** Note down the type and serial number of your machine. Please give this number every time you contact your supplier.

*delete as appropriate*
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1. **INTRODUCTION**

The following instruction manual describes the use and operation of the U-710, U-710/1 machine. If particular problems arise during the operation of the machine which were not discussed in detail in the operating instructions the customer may request supplementary information from the manufacturer or the supplier. The crucial obligations of the manufacturer are stated in the warranty document which specifies the complete and current regulations for warranty services.

META-FACH Sp. z o.o. reserves the right to introduce changes without prior notice and without assuming any obligations resulting from those changes.

The design of the machine allows for safe operation on condition that it is are used according to the operating instructions. Therefore before starting the machine we request that the users read the following manual and familiarise themselves with the safe operation conditions.

*All operator of this machine must familiarise themselves with the contents of the operating instructions before commencing works.*

This is to make sure the user knows how to operate the machine properly and safely. This also conditions that your warranty rights are maintained.

*The manual is part of the machine's equipment.*

2. **INTENDED USE**

The compact KRUK disc harrow is a universal tool for the cultivation of the top layer of soil to the depth of 5 cm to 15 cm. It is designed for use after harvest and before sowing following ploughing or in soil cultivation without ploughing, when the vegetation remains are not covered but mixed with the top soil layer (i.e. mulched). It may be used on all types of soils including those with stones thanks to the use of elastic suspension of the harrow discs. The harrow allows for opening and mixing of the soil and in connection with the packer also for packing and compressing of soil. Due to the resistance to clogging the harrow is well suited for the cultivation of tall stubbles which remain after the harvest of crops and corn and for cultivation of aftercrops intended to be used as fertiliser.

2.1 **OPERATION ACCORDING TO THE INTENDED USE**

The machine may be started, operated and repaired only by persons who are familiarised with its operation and the operation of the tractor as well as with the rules of safe use of the machine.

The manufacturer does not assume responsibility for any changes made by the user without permission. During the service life of the machine only original parts manufactured by METAL-FACH may be used.

*REMEMBER - The machine is designed to be used only in agricultural applications. Any use of this machine other than specified in section 2 is considered improper use. Improper use also includes using the machine in work conditions other than those specified by the manufacturer, improper repair and maintenance. The manufacturer does not assume any responsibility for any damage resulting from improper use of the machine.*
3. **USER SAFETY**

**REMEMBER** - Before starting the maintenance or use of the machine the user should familiarise himself with these operating instructions and know the design of individual assemblies and their functions, scopes and means of adjustment paying particular attention to the information regarding safe operation. It is too late to learn that during work.

### 3.1 GENERAL SAFETY REGULATIONS

The safety regulations given below apply to the machine. Regardless of those regulations the user must also follow the general safety and accident prevention regulations and the traffic code.

The machine (cultivator + tractor) should be operated maintaining all rules of safe operation, in particular:

- every time before start-up check the machine and the tractor - whether they are in condition which guarantees safety during movement and operation;
- to maintain steerability the machine may only be coupled to a tractor with a full set of weights on the front axle. When the machine is coupled the load on the tractor's front axle must be at least 20% of the tractor's own weight;
- the user must make sure to follow the maximum allowable axle loads and transport dimensions;
- when coupling the machine to the tractor, raising and lowering the machine using the tractor's hydraulic system, unfolding the machine to its transport or working position and on headlands the operator must ensure that there are no bystanders nearby, especially children;
- when the engine is running no person is allowed between the tractor and the machine;
- noise - the equivalent sound pressure emission corrected by A characteristics ($L_{pA}$) does not exceed 70 dB;
- when connecting the hydraulic lines to the tractor's hydraulic system the operator must make sure that the system is not under pressure. The operator must check the positions of the tractor hydraulic system control levers;
- it is only allowed to operate the hydraulic elements when no person is nearby;
- the hoses and pipes in the hydraulic lines must be checked on a regular basis and replaced with new ones if they are damaged;
- all hydraulic lines must be replaced every 6 years;
- raising, lowering, folding and unfolding and movements of the machine should be done slowly without jerking movements;
- it is forbidden to reverse the tractor and make turns when the machine is lowered to its working position;
- when making turns bear in mind that there are protruding elements in the machine, the use of tractor's independent brakes must be avoided;
- the user must check the tyre pressure in the tractor and in the machine;
- during transport no person should be allowed to stand on the machine nor any load may be placed on it;
- due to the machine height in the folded position, exercise extreme caution near overhead power lines;
- any repairs, lubrication or cleaning of the working elements required during work may only be performed with the engine turned off and the machine lowered;
- only uncouple the machine when its discs rest on stable firm ground, the hook support is unfolded and the engine is turned off;
- the machine may only be stored in its unfolded position, resting on all working components;
- when not in use the machine should be stored in places where it cannot be accessed by unauthorised persons and animals;
3.2 MAINTENANCE AND SERVICING

The technical maintenance may be performed when the machine is lowered to the ground. If the machine is coupled with a tractor it must be turned off and the brakes must be engaged.

Only use tools and instruments that are in good condition and original materials and spare parts.

Use standard pins and safety devices to lock the machine's bolts in place. It is forbidden to use make-shift safety devices such as bolts, rods, wires etc. which may be the cause of damage to the tractor or the machine during operation and may reduce safety.

3.3 TRAVELLING ON PUBLIC ROADS


A unit consisting of a tractor with a coupled farming machine must meet the same requirements as an individual tractor.

WARNING - The machine (part of the unit consisting of the tractor and machine) is a part protruding outside the outline of the vehicle and obstructing the tractor's rear lights and as such it poses a threat to other vehicles travelling on the road.

REMEMBER - It is forbidden to travel on the roads with the unit (tractor + machine) without appropriate marking.

While travelling on public roads with a unit consisting of the tractor and the machine all rules of the Traffic Code specific to vehicles of this type apply, in particular:

- the side sections of the machine must be folded to the transport position and secured with bolts against unfolding during transport (see. fig. 1).
- during transport on the road the cultivators coupled to a tractor require:
  - marking with warning plates with red and white stripes,
  - lights:
  - elements protruding to the side of the tractor (front marker lights - white),
  - repeated rear lights of the tractor (combined lights + reflective lights),
  - marking with a triangle plate indicating a slow moving vehicle,
- do not exceed the maximum allowable transport speed, which is:
  - on paved roads – up to 20 km/h,
  - on dirt roads or cobblestone – 6 - 10 km/h
  - on uneven roads – 5 km/h maximum

The speed must be adapted to road conditions and the condition of the road surface.

- special care must be taken while passing or overtaking other vehicles and on corners. The maximum permissible width of the machine which is allowed on a public road is 3.0 m.
3.4 SAFETY SIGNS

Table 1

<table>
<thead>
<tr>
<th>Item</th>
<th>Safety Symbol</th>
<th>Meaning of the symbol (sign) or text</th>
<th>Location on the machine</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>Read the operating instructions.</td>
<td>On the front left section of the frame.</td>
</tr>
<tr>
<td></td>
<td><img src="image1.png" alt="Safety Symbol" /></td>
<td>1 pc. Dimensions 100x50 Colour: yellow background, black figures</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Turn off the engine and remove the ignition key before servicing or repairs.</td>
<td>On the front left section of the frame.</td>
</tr>
<tr>
<td></td>
<td><img src="image2.png" alt="Safety Symbol" /></td>
<td>1 pc. Dimensions 100x50 Colour: yellow background, black figures</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td><img src="image3.png" alt="Safety Symbol" /></td>
<td>Keep a safe distance from the machine. Danger of being crushed by the machine.</td>
<td>On the front left section of the frame.</td>
</tr>
<tr>
<td></td>
<td>1 pc. Dimensions 100x50 Colour: yellow background, black figures</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Fig. 1 Transport position of the machine – 1 – coupling rod
<table>
<thead>
<tr>
<th>Item</th>
<th>Safety Symbol</th>
<th>Meaning of the symbol (sign) or text</th>
<th>Location on the machine</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td><img src="image1" alt="Symbol" /></td>
<td>Do not reach into the crushing area if the machine may move.</td>
<td>On the side wall of the machine frame in the side section folding areas on the left and right sides.</td>
</tr>
<tr>
<td>5</td>
<td><img src="image2" alt="Symbol" /></td>
<td>Danger of being crushed by the side sections of the machine.</td>
<td>On the wall of the machine frame at the folding rotation axis of the side sections on the left and right sides.</td>
</tr>
<tr>
<td>6</td>
<td><img src="image3" alt="Symbol" /></td>
<td>Keep a safe distance from the machine. Danger of crushing of toes or feet. - Force applied from the top.</td>
<td>On the side wall of the machine frame in the side section folding areas on the left and right sides.</td>
</tr>
<tr>
<td>7</td>
<td><img src="image4" alt="Symbol" /></td>
<td>Pictogram indicating attachment points for loading the machine on means of transport.</td>
<td>On both sides of the main frame near the attachment point of the upper hitch of the 3-point hitch and near the carriage attachment plate.</td>
</tr>
</tbody>
</table>
4. DISMANTLING AND DISPOSAL

The cultivator is made of materials which do not pose a threat to the environment. After its service life expires, i.e. when further operation is no longer justified, the machine must be dismantled.

Due to the heavy weight of the parts it is required to use lifting devices such as a gantry crane or a forklift during the dismantling process.

The metal parts must be transferred to a scrap metal collection point and the rubber elements must be taken to a collection point for waste of this type. Used oil from the hydraulic system should be collected in sealed containers and transferred to a point which collects such waste.

5. LIGHT SIGNALS (OPTIONAL)

Before entering public roads a warning plate with red and white stripes, signal lights and a bracket for a plate indicating slow moving vehicles must be installed (the means for installation as specified in fig. 2 and 3). The power supply shall be connected with the tractor's electric system, and a triangle plate must be installed in the bracket. A warning plate with lights is an optional part of the machine and is supplied on request.

![Fig. 2 Installation of warning signals on the machine with a truck.](image)

![Fig. 3 Installation of lights on the machine without a truck.](image)
6. MACHINE DESIGN

The KRUK – 4.5 m or 6 m semi-suspended type cultivator consists of the following assemblies and subassemblies:

- the 3-point hitch to which two side frames are attached; disc blades are attached to the side frames;
- the draw-bar with the hitch axis;
- packer mounting brackets with hydraulic adjustment of depth of operation which allow for compacting of the opened soil to obtain the optimum soil structure for sowing;
- the undercarriage frame;
- the truck;
- the beams with spring tines with operating depth and inclination angle adjustment;
- the double acting hydraulic cylinders with lines.

![Fig. 4 KRUK Cultivator](image)

1- 3-point hitch, 2- machine arms, 3- disc blades, 4- undercarriage frame 5- packer, 6- truck, complete, 7- hitch, complete

6.1 TECHNICAL CHARACTERISTICS OF THE KRUK U-710 AND U-710/1 CULTIVATORS

<table>
<thead>
<tr>
<th>Item</th>
<th>Parameters</th>
<th>Unit</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cultivator type</td>
<td>-</td>
<td>KRUK U-710/1 suspended/semi-suspended</td>
</tr>
<tr>
<td>2</td>
<td>Service width</td>
<td>m</td>
<td>KRUK U-710 6</td>
</tr>
<tr>
<td>3</td>
<td>No. of discs</td>
<td>pcs</td>
<td>32</td>
</tr>
<tr>
<td>4</td>
<td>Packer type</td>
<td></td>
<td>- pipe (Ø600)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Packer (Ø500)</td>
</tr>
<tr>
<td>5</td>
<td>Disc diameter</td>
<td>mm</td>
<td>Ø560</td>
</tr>
<tr>
<td>6</td>
<td>No. of scrapers</td>
<td>pcs</td>
<td>34</td>
</tr>
<tr>
<td>7</td>
<td>Depth adjustment range</td>
<td>cm</td>
<td>od 5 cm do 15 cm</td>
</tr>
<tr>
<td>8</td>
<td>Disc pitch</td>
<td>mm</td>
<td>250</td>
</tr>
<tr>
<td>9</td>
<td>Working speed</td>
<td>km/h</td>
<td>8-13</td>
</tr>
<tr>
<td>10</td>
<td>Efficiency</td>
<td>ha/h</td>
<td>4,0-6,5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5,0-8,0</td>
</tr>
</tbody>
</table>
7. DELIVERY AND LOADING ON MEANS OF TRANSPORT

The machine is supplied to the user partially disassembled. How much the machine is disassembled depends on the used mean of transport. While loading and unloading the machine, parts of the frame indicated as lifting points with appropriate pictograms should be used for lifting the machine see section 3.4.

8. OPERATION AND USE

8.1 PREPARATION OF THE MACHINE

While preparing the machine to work it is required to check its technical condition, most importantly the condition of the working elements.

In addition it is required to:
- check the condition of the bolted joints,
- check the folding and unfolding of the machine,
- check the condition of the hydraulic lines and actuators - whether there are any leaks,
- check whether the discs and packer rotate freely by rotating them by hand,
- lubricate the elements of the machine in accordance with the guidelines specified in section 8.5.

The machine's hydraulic system is filled with Renolin VG46 hydraulic fluid manufactured by FUCHS. It is allowed to mix it with the hydraulic liquid with the oil from the tractor's hydraulic system.

8.2 COUPLING THE MACHINE TO THE TRACTOR

To safely and securely couple the machine to the tractor it should be placed on a firm and level ground.

To couple the machine to the tractor it is required to perform the following actions:
- reverse the tractor to a distance which allows to couple the machine with the tractor's lower hitch,
- attach the upper rod of the 3 point hitch to the machine and remove any play (suspended version),
- attach the hitch chain (truck version) at the upper rod mounting place on the tractor,
- attach the hydraulic lines of the machine to the tractor's external hydraulic system,
- raise the machine, in truck version fold the hitch support,
- check the leaktightness of the machine's hydraulic system, the hydraulic lines may not be bent or damaged,
8.3 MACHINE ADJUSTMENT

8.3.1 ADJUSTMENT OF THE HARRROW DISKS' WORKING DEPTH

The working depth of the harrow disks may be adjusted using the tractor's three point hitch or the mechanical or hydraulic shaft adjustment mechanism.

In case of the mechanical adjustment the depth is adjusted by changing the length of the turnbuckles.

In case of hydraulic depth control the adjustments are made using the hydraulic control levers inside the tractor's cabin by changing the number of pressure plates of the actuators placed on the piston rod (fig. 5 - item A).

8.3.2 WORKING DEPTH AND TINE ANGLE ADJUSTMENT

The adjustment of the tine working depth is performed using pins placed in appropriate openings in the plough frog secured with a cotter pin (fig. 5 - item B). The angle may be adjusted using the lower scraper attachment pins (fig. 5 - item C).

![Fig. 5. Machine operation adjustment.](image)

**WARNING** - Remember to always check the positioning of unused pressure plates of the hydraulic actuator to avoid damaging the hydraulic adjustment system.

8.4 OPERATION OF THE MACHINE

Before commencing fieldwork using the machine it is required to:

- remove the warning markings,
- disconnect the coupling rod 1 (fig. 1), then unfold the machine to its working position,
- lower the tractor's lift and set it to floating mode, set the machines working depth,
- lift the undercarriage to the maximum so that the wheels are lifted off the ground.

If during operation the machine becomes clogged with vegetation remains it must be cleared by raising the machine for a moment using the tractor's hydraulic system.
The machine should be adjusted during the first pass. If the machine is properly levelled the frame is parallel to the field’s surface.

**WARNING**
- Avoid jerky movements while using the machine.
- Make turns gently with the machine raised in the transport position.
- Do not reverse or turn the tractor around with the machine in the working position as it may cause damage to the machine.

### 8.5 LUBRICATION AND STORAGE

The durability and efficiency of the machine depends to a large degree on systematic lubrication. Use mineral oils for lubricating the machine. Before adding grease clear the lubrication points. The lubrication should be performed according to fig. 5.

- **Use the LT-4S-3 once per season.**
- **The hubs of the harrow disks must be lubricated twice per year:**
  + before the spring season,
  + before the autumn season.

![Diagram of the machine](image)

**Fig. 6.** 1- joint bushing, 2- hitch spindle bolts, 3- undercarriage spindle bolts, 4,6- hydraulic cylinders (cylinder eye), 5- bearing set of the disc blades, 7- undercarriage joint, 8- packer bearing set, 9- arm pins.

Before a long period of storage the machine should be cleaned and all malfunctions should be repaired. Protect the machine against weather conditions. The machine should be stored in the unfolded position on a level, hard surface.

### 9. RESIDUAL RISKS

#### 9.1 DESCRIPTION OF RESIDUAL RISKS

The residual risk results mostly from improper behaviour of the operator caused by lack of knowledge or attention. The highest residual risk occurs in the following situations:

- the machine is operated by minors or persons who are unfamiliar with the operating instructions,
- the machine is operated by persons under the influence of alcohol or other intoxicants,
- the machine is used for purposes other than specified in the operating instructions,
• a person is present between the tractor and the machine with the tractor's engine running,
• bystanders, especially children are present near the working machine,
• the machine is cleaned while working,
• manipulation of the moving elements while the machine is working,
• checking of the machine's technical condition.

While presenting the residual risk the machine is treated as designed according to the state of knowledge in the year of its manufacture and maintaining the basic OH&S rules.

9.2 EVALUATION OF THE RESIDUAL RISK

If the following guidelines are adhered to the occurrence of residual risk may be minimised:
• always follow the safety regulations described in the operating instructions,
• read and fully understand the operating instructions,
• keep your hands out of hazardous spaces;
• it is forbidden to operate the machine in the presence of bystanders and in particular children,
• maintenance and repair of the machine may only be performed by trained personnel,
• the machine may only be operated by persons who were trained in its operation and have familiarised themselves with the operating instructions,
• the machine is protected against access by children,
• the machine is operated by persons in good physical condition who are not under the influence of any intoxicants.

WARNING!
The residual risks are present when the listed rules and indications are not followed.

10. WARRANTY CONDITIONS AND WARRANTY SERVICES

The detailed information on the warranty for agricultural equipment is listed in the Civil Code, Part III, Warranties, art. 577-581. This information should be available at every farming equipment dealership and service workshop.

The organisations responsible for the execution of warranty services (reseller/dealer) should be entered in the warranty card during the sale of the machine.
11. STABILITY OF THE UNIT CONSISTING OF THE TRACTOR AND CULTIVATOR

The tractor should have appropriate ballast at its front end to provide proper steering and braking performance. When the machine is coupled the load on the tractor's front axle must be at least 20% of the tractor's own weight (Fig. 7).

Remember that the road and the coupled machine influence the driving characteristics. The driving style should be adjusted to terrain conditions and type of soil.

While negotiating corners with the coupled or suspended machine it is important to bear in mind the reach and weight of the machine.

Fig. 7. Minimum load on the tractor's front axle.
WARRANTY CARD
FOR THE "KRUK" CULTIVATOR
U-710, U-710/1

The warranty service is provided on behalf of the manufacturer by:

.......................................................... ..........................................................

filled out by the seller

Date of manufacture ................................ Serial no. ..................................
Date of sale ............................................ Dealer's signature ..........................

Customer name ........................................................................................................
Address (Postal code / Post office) ................................................................................
Street / Number ............................................ Telephone.............................................

META-FACH Sp. z o.o. reserves the right to introduce changes to the machine's design without prior notice and without assuming any obligations resulting from those changes. Unauthorised modifications of the machine shall result in the warranty becoming null and void. During the service life of the machine only original parts manufactured by METAL-FACH may be used.
COMPLAINT CALL

Customer data:
Customer's name and surname / Company name: ..............................................................
City: .......................................................... (Postal code / Post office) ................................
Street ................. Telephone .................................... Fax ..............................................

Machine name and code

............................................................ Z/T- ..........................................

Date of purchase Serial number Year of manufacture

1. When and under what circumstances was the machine's failure discovered?

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2. Comprehensive fault description

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3. Customer's proposed mode of complaint call processing

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........................................................................................................................................

........................................................................................................................................
(legible signature of the customer who filed the complaint)

NOTE: If the complaint is found to be unjustified, all complaint processing costs will be charged to the complaint applicant.

Customer complaint placed by phone
date .................................................................

Dealer's stamp

........................................................................................................................................
Legible signature of the Dealership Representative
<table>
<thead>
<tr>
<th>Item</th>
<th>Date of call</th>
<th>Date of completion</th>
<th>Description of completed service actions and replaced parts</th>
<th>Name and stamp of the mechanic or service station</th>
</tr>
</thead>
<tbody>
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12. PARTS CATALOGUE

12.1 USING THE PARTS CATALOGUE

Use the Catalogue as follows:

a) Determine which assembly of the machine houses the part to be replaced.
b) Find the appropriate assembly drawing with the part number you are looking for.
c) Using this number found in the drawing as reference, find the appropriate drawing or catalogue number in the table description and the number of items.

12.2 ORDERING PARTS

Spare parts may be ordered by phone or by mail stating:

a) Address of the buyer,
b) Name, symbol and serial number of the machine and its year of manufacture,
c) Name of the part,
d) Drawing number or standard number from the parts catalogue,
e) Number of items,
f) Payment conditions.

The parts shall be sent using a courier service or picked up by the customer from the manufacturer or the nearest Metal-Fach representative.
External Spare Parts Order

1. Ordering party: 

.................................................................

.................................................................

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.................................................................

(Full name, Tax ID)

2. Address: 

........................................................................

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........................................................................

(Postal code, city, street, number)

3. Telephone: 

........................................................................

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4. Specification of ordered parts:

<table>
<thead>
<tr>
<th>Item</th>
<th>Machine/equipment name</th>
<th>Part name</th>
<th>Catalogue number</th>
<th>Quantity</th>
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(City, date) (...)(Legible signature of the buyer)

(Company stamp)

5. The order was completed on: 

........................................................................

(legible signature of the Service employee)

☐ - value to be invoiced

☐ - invoiced - Invoice no. 

........................................................................