



TECHNICAL INSTRUCTIONS

CCM WET CORN SHREDDER

Manufacturer:

M-ROL

Limited Liability Company

10 Trzy Mosty Street, 63-430 Odolanów



release: june 2023

Translation of instructions. The original version in Polish.

CCM wet corn shredder

Notes to the manual

The following symbols indicate important information for the user and draw special attention when reading the manual.

**TIP**

This symbol denotes application tips and information particularly useful for the operator to make optimal use of the machine's functions.

**NOTE**

This symbol indicates important instructions for proper handling of the machine, product and material. Failure to follow these indications may cause malfunctions of the machine or its environment.

**WARNING**

This symbol indicates important instructions for proper handling of the machine, product and material. Failure to follow these indications may cause malfunctions of the machine or its environment.

**DANGER**

The slogan DANGER means according to this manual that death or serious injury will occur if these GUIDELINES are not followed.

**CAUTION**

The slogan Caution means, according to this manual, the possibility of suffering slight injury if these GUIDELINES are not followed.

The above manual is copyrighted and may be printed for personal use only. In addition, the manual may not be copied, reproduced, shared or transferred to third parties.

CCM wet corn shredder

Table of contents

Notes to the manual	2
1. Subject matter and purpose	4
1.1. Device data	4
1.2. Scope of application-purpose.....	4
2. Pictograms	5
3. Technical data and construction.....	5
3.1. Characteristic quantities.....	5
3.2. Construction.....	5
4. Instructions for transportation, storage and installation.	7
4.1. Preparing machines for transport.....	7
4.2. Storage	7
4.3. Assembly.....	7
4.4. Environmental conditions.....	8
5. User Manual.....	8
5.1. General requirements.....	8
5.2. Preparing the machine for operation.....	9
5.3. Work.....	9
5.4. Completion of work	10
6. Maintenance manual	10
6.1. General Guidelines	10
6.2. Periodic inspection.....	11
6.3. Emergency Repair - Disaster Recovery.	11
6.4. Emergency Repair - Disaster Recovery.....	11
7. Safety and accident protection rules.....	11
7.1. Definition of terms.	11
7.2. Use of the machine as intended	12
7.3. Location of the machine.....	13
7.4. Obligations of users	13
7.5. Maintenance	15
7.6. Threats.....	15
7.7. Hazard protection measures	15
7.8. Residual risk	16
8. Warranty.....	18
9. Attachments.....	19

CCM wet corn shredder

ATTACHMENT NO. 1	19
ATTACHMENT NO. 2	20
WARRANTY CARD	21

1. Subject matter and purpose

1.1. Device data

Name: wet corn shredder

Series: CCM

Manufacturer:

M-ROL

Limited liability company

Trzy Mosty St. 10, 63-430 Odolanów

1.2. Scope of application-purpose

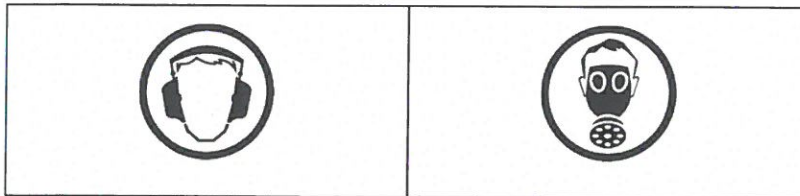
The straw shredder is designed for shredding wet grain (moisture content up to 30% allowed) or de-stemmed corn cobs for CCM.

For ensiling to proceed properly, the optimum grain moisture content should not be higher than 25-35%.

Ensiling grain that is too moist (with a moisture content of more than 40%) causes intensive fermentation, which leads to high nutrient losses.

CCM wet corn shredder

2. Pictograms



Hearing protection mandated.

The use of respiratory protection is mandated.

3. Technical data and construction

3.1. Characteristic quantities

TYPE	CCM
Transport dimensions (cm) length/width/height.	110X86X106
Weight in kg	320
Capacity [t/h]	Up to 16
Power requirements	80 HP
Service-persons	1

3.2. Construction

A hopper with a safety net for loading and an outlet (chimney) are mounted on the body.

In the shredder there is a head, screen attachment and fixed knives.

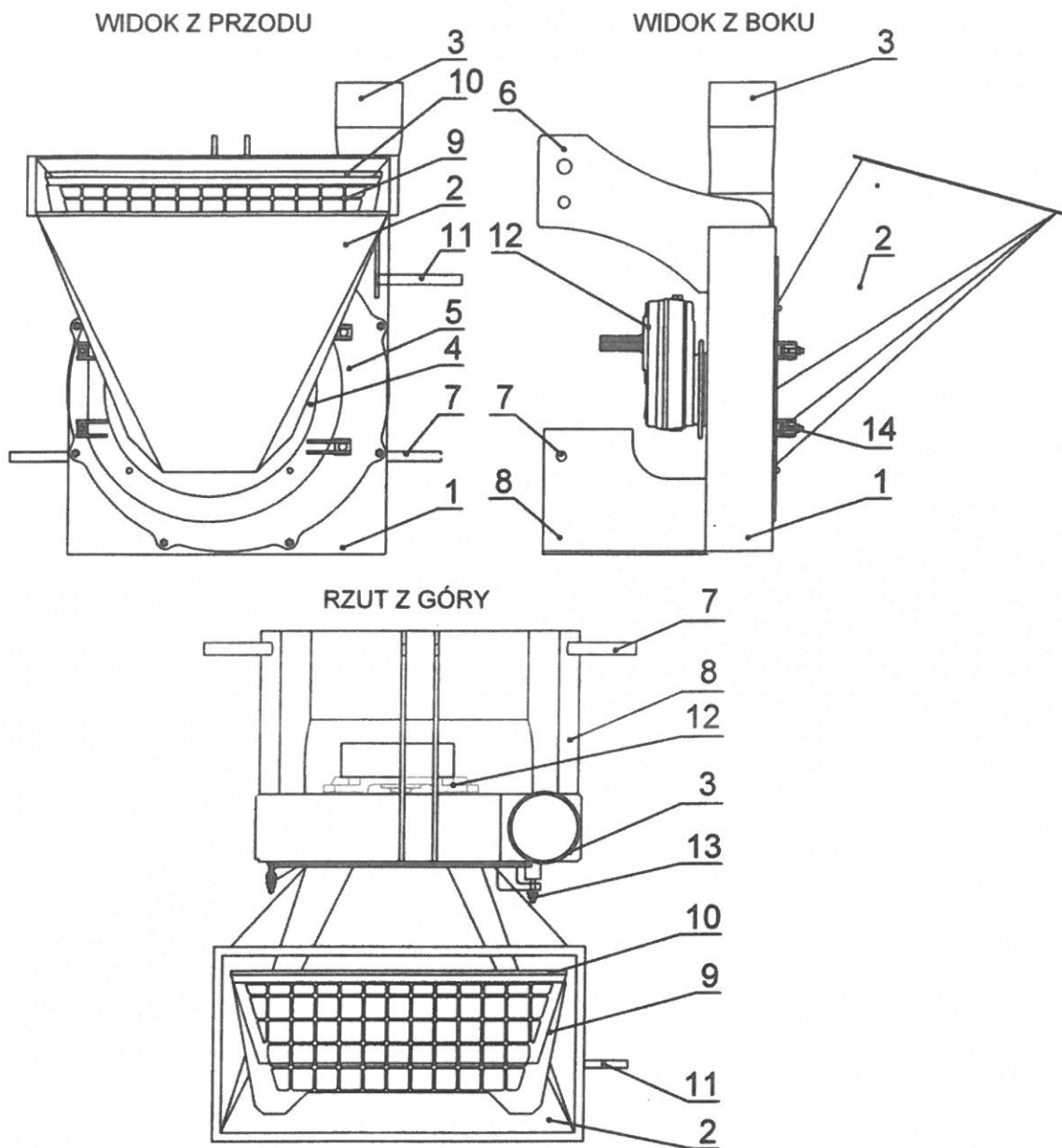
All structural elements exposed to abrasion are designed from HARDOX 500 steel, which repeatedly increases the life of the device and makes the machine failure-free.

Action:

The machine is designed in a knife version, so we can also shred whole cobs. The power requirement is from 80HP and 1000 rpm at the PTO shaft output.

The capacity of the machine is up to 16t/h depending on the feedstock. Thanks to the configurable pressing element, we can fill BIG-BAG bags and plastic sleeves as well as pile up heaps.

CCM wet corn shredder



General construction of the CCM shredder

- | | |
|---------------------------------|---|
| 1- Body | 9 – Protective safety net. ATTENTION Prohibition to start |
| 2- Shredder hopper without mesh | the shredder without the mesh |
| 3- Body chimney | 10 – Gate valve |
| 4- Sieve attachment | 11 – Shutter lever |
| 5- Body cover | 12 - Multiplier |
| 6- Suspension element | 13 – Closing clamp |
| 7- Body base | 14 - Hinge |

CCM wet corn shredder

4. Instructions for transportation, storage and installation.

4.1. Preparing machines for transport

The shredder is transported as a whole - it does not need to be disassembled into components or assemblies.

When transporting over longer distances, it is recommended to transport on a transport pallet. When transporting on a transport pallet, ensure that the belts are securely fastened to the pallet. When suspending the machine assemblies on a lifting device, use transport points.

**NOTE**

Be sure to observe health and safety conditions when transporting and working with lifting equipment.

4.2. Storage

Store the machine in a covered and properly ventilated room. The designated storage place should protect the above-mentioned structure from accidental damage. As standard, the steel structure of the machine is protected against corrosion with a multi-layer varnish coating. Mating areas without a varnish coating should be protected with a suitable preservative.


4.3. Assembly

Installation of a corn shredder on a tractor with a PTO shaft can be accomplished by following the following steps.

1. Make sure the shredder is properly set up and ready for installation. Check the manufacturer's manual for specific installation and setup requirements.
2. Turn off the tractor engine: Make sure the tractor's engine is turned off and the key is in the off position before installation.
3. Find the correct PTO shaft position: Locate the PTO shaft on the rear of the tractor. Check your tractor's owner's manual to learn how to find and adjust the PTO shaft for operation.
4. Connect the shredder: Place the shredder in the correct position to allow connection to the PTO shaft. Make sure the shredder is properly adjusted to transmit power from the PTO shaft.
5. Secure the mount: Use the available mounts and couplings to securely and accurately attach the shredder to the PTO shaft. Make sure the mount is stable and secure to avoid falling out or being damaged during operation.
6. Conduct tests: After installing the shredder, conduct a trial test to make sure everything is working properly. Make sure the shredder is properly synchronized with the tractor and that there are no irregularities in operation.
7. Settings and adjustments: Adjust the direction of rotation and settings of the shredder according to the manufacturer's instructions and work needs. Determine the appropriate PTO shaft speed (1,000 tractor revolutions) and other parameters for optimum wet corn shredding results.

CCM wet corn shredder

Before working with the shredder, keep safety in mind. Read and follow all manufacturer's recommendations for safe use of the shredder and related personal protective equipment.

	<p>WARNING</p> <p>Carrying out installation not in accordance with this manual may lead to poor operation of the machine as well as accelerate the failure of the machine. The manufacturer of the machine is not responsible for failures if improper assembly of the machine occurs.</p>
---	---

4.4. Environmental conditions

In situations of low humidity during shredding operations, dust is generated which poses a fire hazard. The use of open flame is prohibited. Protective equipment such as fire extinguisher, fire blankets, etc. should be at the equipment.


5. User Manual

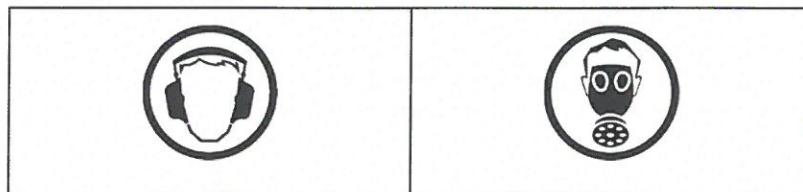
5.1. General requirements

Not applicable when the operator is the owner of the machine.

Only trained employees called machine operators may be allowed to operate the machine, who have mastered the knowledge and experience in the following areas: ability to operate, recognition of faults and malfunctions of the machine and safe operation, whose instructions and warnings are contained in the instructions. Understanding of the instructions, mastering knowledge and experience the employee confirms with his own signature.

The training is carried out by the employer.

	<p>CAUTION</p> <p>Hearing and respiratory protection is mandated at the entrance to the site.</p>
---	--



JOB DESCRIPTION

The workstation at a straw shredder is the space needed to operate the machine.

CCM wet corn shredder

Use of the shredder

Corn shredder is designed for shredding wet grain (moisture content up to 30% allowed) or de-bulked corn cobs for CCM


When the operator is not the owner of the machine:

Only employees in work clothes and personal protection (ear muffs, masks) assigned to the workstation are allowed to start work. Absolutely observe the orders, instructions, warnings contained in the instructions. At the workplace in a conspicuous and generally accessible place must be job instructions for operation and safety, developed by the employer in accordance with the regulations, standards and formulas in force at the employer. These instructions must also include detailed guidelines resulting from the organization of work and the competence of operators.

5.2. Preparing the machine for operation

List of inspection and verification activities to be performed before commissioning:

- Check the general technical condition of the shredder.
- Note the state of wear and possible looseness of the shredder components, if any irregularities are noted, report to the supervisor. Particular attention should be paid to the technical condition of the guard, tightening of screws.

	<p style="text-align: center;">DANGER:</p> <p style="text-align: center;">If you find any malfunctions or irregularities in the operation of the shredder, immediately stop using it and notify your supervisor.</p>
---	--

5.3. Work

The operation of a wet corn shredder, also known as a CCM(Corn Cob Mix) shredder, involves shredding whole corn cobs along with the husks and kernels to prepare a feed mix.

1. Place corn (with husks and kernels) in the appropriate amount in the shredder basket.
2. Start the shredder : Turn on the tractor engine and start the CCM shredder. Make sure all guards and safety devices are in place to ensure safe operation.
3. Observe the shredding process to ensure that the corn is properly shredded. Check that the size of the shredded pieces is in accordance with feed production requirements or other criteria.
4. Adjust settings: Depending on your desired shred size and wet corn characteristics, adjust the shredder's settings, such as roller speed, roller spacing and slot opening.
5. Monitor performance and cleanliness: Check the performance of the shredder regularly and assess the cleanliness of the shredded corn pieces. If there are problems with productivity or shredding quality, identify the causes and adjust settings accordingly or perform maintenance on the shredder.
6. Be sure to follow the safety rules when working with the shredder. Regularly check the condition of the device, take care of cleaning and maintenance, and follow the manufacturer's recommendations for maintenance and replacement of parts.

CCM wet corn shredder

5.4. Completion of work

Completing a wet corn shredder that is monitored on a tractor with a PTO shaft involves several steps:

1. Turn off the shredder: Before you finish working with the shredder, turn off the tractor engine and turn off the power to the shredder. Make sure all components are secure and protected against accidental startup.
2. Cleaning the shredder: Remove any remaining wet corn from the shredder. Use the appropriate tools to clean the channels, rollers and other parts that may be contaminated. Remember to turn off the power before cleaning.
3. Remove the PTO connection: If the shredder is attached with a PTO connection, safely disconnect the shredder from the tractor's PTO shaft. Make sure all handles and couplings are unlocked and securely secured.
4. Check the condition of the shredder: After cleaning the shredder, carefully check its condition. Identify any damage, worn parts or need for maintenance.

**NOTE**

Before the anticipated downtime of several days, lubricate knives and stripped surfaces with the lubricant intended for such surfaces, following the lubricant manufacturer's recommendations.

CCM GEAR OIL - GEAR OIL 80W 90.

6. Maintenance manual

6.1. General Guidelines

Tools necessary for machine maintenance:

- Screwdriver set,
- Set of flat wrenches,
- Set of adjustable wrenches (pipe wrenches),
- A plastic hammer or other soft hammer.

During maintenance work, use protective gloves.

Only an authorized and trained employee may inspect and maintain the machine.

CCM wet corn shredder

6.2. Periodic inspection

The purpose of the periodic inspection is to determine the degree of wear or damage to individual components and parts, and to rectify the recorded defects, which may possibly be linked to the performance of overhaul repairs. The periodic inspection should be carried out every 3 months. The scope of the periodic inspection includes the following activities:

- Cleaning, washing and lubricating the mechanisms under review,
- review of the condition of equipment components especially the wear and tear of the screen, beaters and body. As a result of the movement of grains, the individual components of the shredder are wiped out.
- Checking the operation of the mechanisms.

6.3. Emergency Repair - Disaster Recovery.

6.3.1. All unforeseen damage resulting from improper operation and maintenance, or improperly performed work on the machine, which caused an interruption of use, should be considered a failure.

6.3.2. In each case of failure, it is necessary to determine the cause of the failure, determine the mode of removal, and after removal, take appropriate steps to prevent such accidents in the future. In order to minimize the consequences of failures, reduce the time for their removal, it is recommended to have basic spare parts in stock.

6.4. Emergency Repair - Disaster Recovery.

When the owner of a shredder ends its operation or changes in regulations and standards force him to adjust or decommission the machine, he may face the need to dispose of it and scrap it. This also applies to parts or assemblies of the machine being replaced or repaired.

The buyer is obliged to perform these activities in accordance with the legal status in force at that time and place. All parts of the machine are recyclable.

7. Safety and accident protection rules.

7.1. Definition of terms.

The study adopts terms and definitions according to section 1.1.1. of Annex I of Directive 2006/42/EC and adopts terms:

- **Hazard:** means a potential source of injury or harm;
- **Danger zone:** means a zone within or around a machine where there is a risk to the health or safety of a person there;
- **Exposed person:** means any person who is partially or completely in the hazardous area;
- **Risk:** means a combination of the probability and degree of injury or damage to health that can occur in hazardous situations;
- **Guard:** means a part of the machine specifically designed to provide protection in the form of a material barrier;
- **Protective devices:** means a device (other than a guard) that reduces risk, either independently or in combination with a guard;

CCM wet corn shredder

- **Intended uses:** means using the machine in accordance with the information provided in the operating instructions;
- **threatening event:** an event that could cause harm;
- **Safety measure:** a measure used to eliminate hazards or reduce risks;
- **Residual risk:** the risk remaining after safety measures are applied;
- **start-up** (commissioning of a machine, station): a change from a state of rest to movement of a machine or some part of it;
- **Professional personnel**, competent person: person(s) who, on the basis of: their knowledge of the subject matter, acquired through professional training and experience, their familiarity with the relevant state regulations on occupational safety, accident prevention, and guidelines and generally recognized technical principles (e.g., standards), can assess the condition of the machine from the perspective of occupational safety;
- **Professional electrician:** a person who, on the basis of: his professional training, knowledge and experience, knowledge of relevant standards, can assess the work delegated to him and recognize possible risks;
- **Operator:** the person, or persons, charged with the task of installing, using adjusting, maintaining, cleaning, repairing or transporting the machine;
- **machine operator:** a person who is so far familiar with a machine that he can work on it independently;
- **Conformity assessment:** demonstrating that the specified requirements (regulations, standards, technical specifications) have been met.

7.2. Use of the machine as intended

The machine is designed according to the state of the art according to generally recognized technical safety principles. Misuse and improper use may cause:

- danger to the health and life of its user or third parties,
- damage to the machine and other property values.

The machine may be used only:

- in its impeccable technical condition,
 - As intended, with awareness of safety and hazards,
 - with protective equipment installed in accordance with regulations,
 - with hearing protection (such as earmuffs or earplugs) and goggles worn.
 - With compliance with the machine manufacturer's recommendations and occupational safety regulations.
- The following projects are not allowed:
 - arbitrary changes to the machine,
 - incorporation of foreign parts,


CCM wet corn shredder

- alteration, bridging or immobilization of devices of the machine that serve to:
 - o bypass reliable operation,
 - o bypass the restriction of use,
 - o bypass active or passive safety.

In case of improper use of the machine, the risk is borne solely by the user of the machine .

Intended use includes compliance with:

- all data and regulations specified in the machine's operating instructions,
- all generally applicable, statutory and other applicable safety and accident prevention regulations,
- environmental protection regulations.

	<p style="text-align: center;"><u>WARNING</u></p> <p>The Supplier shall not be liable in any way with respect to injured persons and damage to property that arises as a result of failure to comply with:</p> <ul style="list-style-type: none">• instructions issued• general and specific safety provisions and regulations.
---	--

7.3. Location of the machine

The foundation of the machine does not require a technological design.

7.4. Obligations of users

- Each user, who in some way deals with the machine, should familiarize himself with the safe method of work and operation and strictly adhere to it. Familiarization with the dangers and safe methods of work and operation if the operator is not the owner after each periodic training shall confirm with his own signature.
- Comply with and pass on supplementary operating instructions general statutory or other applicable rules for accident prevention and environmental protection. These duties may also apply, for example, to the handling of hazardous substances or the disposal and wearing of personal protective equipment. (If employees are employed).
- Supplement the operating instructions with guidance on supervision and reporting duties to take into account company specific factors, such as:
 - o work organization,
 - o workflows,
 - o employed personnel,
 - o others,
- Observe all safety and hazard instructions
- Know the location and operation of fire extinguishers and follow the safety correct procedure during fires.
- Check all safety devices regularly.

CCM wet corn shredder

- Operate the machine only with protective devices installed and in working order.
- Protective devices must not be removed or disabled!
- At least once per work shift, inspect the machine for externally recognizable damage and deficiencies. Report noticed defects immediately to the supervisor. If necessary, shut down and secure the machine!
- Replacement parts must meet the technical requirements set by the manufacturer! This is always guaranteed by the original parts.
- If required or by regulation, use personal protective equipment, such as appropriate eye and hearing protection.
- Do not wear loose hair, loose clothing, jewelry including rings. There is a danger of injury or being pulled in.
- Wear only work shoes at the workplace in no case sports shoes and sandals.
- Never work on a machine under the influence of alcohol or drugs. Also, some medications can prolong the response time.
- There must be sufficient space on the machine to load it and pick up parts. When working in small spaces, if necessary, pay attention to the relevant regulations related to working in such conditions
- Keep the machine and the safety range around it clean at all times. There must be good visibility at the workstation. Dirt and other obstructions impair safety.
- Cleaning the machine.
 - Turn off the machine completely.
 - Clean the machine only with a vacuum cleaner or a dry rag.
 - Do not blow off with compressed air. Dust emissions have a negative effect on your health.
- During operation, follow the operating instructions for all on/off runs and maintenance instructions.

This is valid for:

- operation (exploitation),
- rearming,
- Setting safety conditioning devices,
- Maintenance.
- Do not clean, maintain or adjust the machine while it is running!
- Before turning on the machine and starting, make sure that no danger can arise for someone.
- Before leaving the workstation, turn off the machine.
 - In case of function disturbances, you should:
 - turn off the machine immediately.
 - protect it from reactivation,
 - remove the disturbance.

**SAFETY!**

Never leave the machine unprotected and unattended during operation or power on.

CCM wet corn shredder

7.5. Maintenance

- Carry out maintenance work on the machine only by professional personnel, in accordance with applicable regulations.
- Comply with the dates and data specified by the regulations or stated in the operating instructions for:
 - o inspections,
 - o replacement of parts,
 - o maintenance work.
- Before maintenance and repair work:
 - o turn off the machine completely,
 - o protect the machine from unexpected restarting,
- Do not use parts (assemblies) of the machine as an elevation aid.
- Use only suitable, technically reliable equipment with sufficient lifting capacity for assembly and maintenance.
- Perform necessary operations such as lubrication of moving parts, protection against corrosion or storage in suitable conditions.
- Carefully and securely fasten individual parts (components) and larger assemblies to equipment.
- All persons involved in the transportation of large assemblies or the entire machine must have the appropriate authorizations.

7.6. Threats

Mechanical hazards posed by:

- fall due to slipping - tripping,
- inadequate lighting,
- noise,
- dust.

7.7. Hazard protection measures

Mechanical

- Workstations must be equipped with operating instructions and job instructions (in case the user is not the owner).
- Absolutely follow the workstation instructions.
- Observe the information provided by hazard warning labels.
- The meaning of the warning labels is as follows:
 - o DANGER - neglecting the described safety rules risks a fatal accident.
 - o WARNING - neglect of this warning can lead to serious injury.

CCM wet corn shredder

- Use the machine only as intended.
- Observe all instructions, safety warnings and hazards on the machine.
- Check safety devices regularly.
- Operate the machine only with functioning safety devices.
- Stop work if there are materials on the floor that could cause slipping.
- Access to emergency stops and escape routes must never be blocked.

In order to eliminate the identified hazards to an acceptable level, the following were applied:

- identification of work as intended,
- health and safety guidelines, compliance with which eliminates hazards to an acceptable level,
 - o Identification of the hazard by applying the measures described above and described in the Safety Manual, in the INSTRUCTIONS is estimated as very unlikely.
 - o Frequency analysis shows a negligible probability of an adverse event identified in the hazard identification phase.

7.8. Residual risk

Residual risks as well as residual hazards after protective measures have been applied and all safety functions have been implemented can occur after:

- Failure to comply with operating and health and safety instructions.
- Other operator behavior than specified in the instructions.
- Human-machine interaction that may occur due to reasons related to improper human behavior:
 - o Predictable misbehavior due to normal inattention.
 - o Reflexive behavior in the event of a function error, sudden jamming, machine malfunction while in use.
 - o Behavior associated with choosing actions by the path of least resistance.
 - o Distraction by bystanders.
- Human-machine interactions that may occur for reasons related to the machine's erroneous behavior:
 - o Failure of the machine.
 - o Loss of control of the machine by the operator.

In order to eliminate to a minimum the above-mentioned risks - residual risk in the case of employment of an employee by the Owner to operate the shredder, the following rules should be observed by the Employer:

- The machine must have operating and safety instructions for their use. These instructions must be in a visible and publicly accessible place.

CCM wet corn shredder

- Only trained operators who have mastered the relevant knowledge and experience in the following are allowed to operate: the ability to operate, recognize faults and malfunctions in the operation of the machine and the safety of operation, whose instructions and warnings are contained in the instructions. Understanding of the instructions and mastery of knowledge and experience the employee confirms with his own signature.
- To work is allowed only the employee in work clothes and personal protection assigned to the position.
- Absolutely observe the orders, instructions, warnings and prohibitions contained in the instructions.
- The employee must have a current periodic examination.

The defined risks of residual risks with adherence to the above-mentioned principles are estimated as negligible - very unlikely.

Residual risks remaining after the application of measures to protect from hazards, implementation of all safety functions and adherence to the above rules have an acceptable level of safety.

CCM wet corn shredder

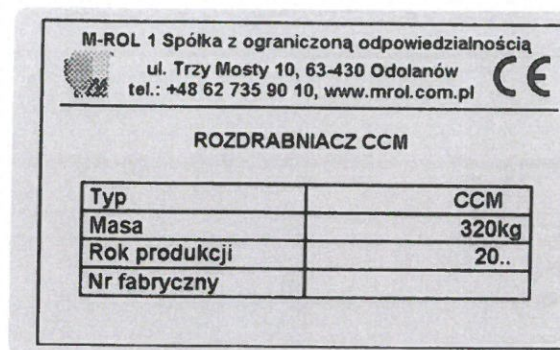
8. Warranty.

- 1) The warranty covers defects and damage caused by the fault of the manufacturer due to a defect in material, poor processing or installation.
- 2) By granting the warranty, the manufacturer undertakes to:
 - (a) repair the advertised equipment free of charge,
 - b) provide the user free of charge with new, properly made parts,
 - c) cover the cost of repair including labor costs and reimbursement of transportation costs incurred after agreement with the manufacturer.
- 3) The warranty does not cover parts and assemblies whose damage is caused by normal wear and tear.
- 4) The user shall report equipment complaints directly to the manufacturer.
- 5) The user should submit a claim in writing, i.e. on the claim coupons found in the technical manual immediately and at the latest within 14 working days from the date of damage.
- 6) The manufacturer should handle the complaint immediately and no longer than within 14 working days from the date of receipt of the complaint coupon.
- 7) The manufacturer will not accept a warranty claim if any technical changes or repairs have been made to the equipment without his knowledge, the equipment has not been properly stored, maintained and used improperly, and non-original spare parts have been used.
- 8) The user has the right to reconsider a rejected complaint with the participation of an expert.
- 9) The manufacturer provides a warranty for a period of 1 year from the date of sale.
- 10) In matters not covered by these rules, the Civil Code shall apply.

CCM wet corn shredder

9. Attachments.

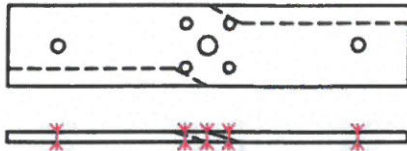
ATTACHMENT NO. 1



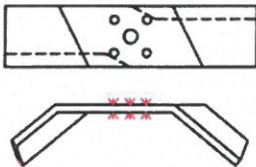
CCM wet corn shredder

ATTACHMENT NO. 2

- 1- Parts catalog
Knife „A,, head



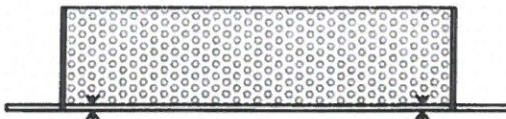
- 2- Knife „B,, head



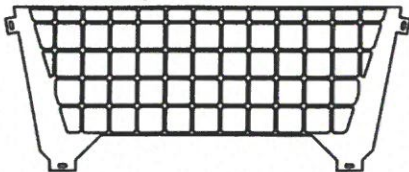
- 3- Knife „C,, head



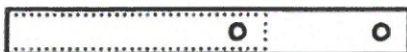
- 4- Fixing the screen



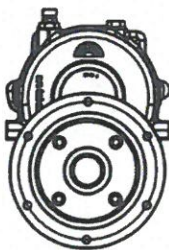
- 5- Basket safety net



- 6- Adapter from TUZ 2 to TUZ 3



- 7- Multiplier



CCM wet corn shredder

WARRANTY CARD

1. M-ROL Limited Liability Company 10 Trzy Mosty Street, 63-430 Odolanów provides A warranty period of 12 months for the product, but not more than 18 months from the date of shipment for sale, for which this warranty card is issued.
2. Product defects revealed during the warranty period will be removed free of charge within 14 working days, counting from the day of delivering the complaint coupon to M-ROL headquarters. This does not apply to faults listed in item 6.
3. The warranty repair does not include the activities specified in the operating instructions, which the user is obliged to perform on his/her own.
4. The warranty does not cover any normal parts used in the device, e.g. bearings, V-belts.
5. The warranty does not cover product deterioration caused by normal wear and tear and the following:
 - a. Mechanical damage to the product and defects caused by it.
 - b. Damage and defects caused by:
 - improper or inconsistent use, storage and maintenance,
 - use or leaving the product in unsuitable conditions (excessive humidity, dust, etc.),
 - Unauthorized repairs, alterations, or structural changes by the user or other unauthorized persons,
 - connecting additional equipment, other than that recommended by the product manufacturer,
 - incorrect supply voltage.
 - c. Using the device with the wrong materials.
6. Any changes to the entries in the warranty card and traces of modifications or attempts to make structural changes to the product, as well as independent repairs outside the service of the company M-ROL, as well as the use of the product, in particular careless handling, exposing it to liquids, mechanical damage, revealed during the warranty service make the warranty null and void.
7. It is the customer's responsibility to report the claim as soon as the damage occurs.
8. The claim form should be accompanied by a claim coupon with information about the damage, contact details, and the address where the advertised product is located.
9. To perform a repair, the product must be presented with a signed warranty card and proof of purchase of the product (receipt or a photocopy of the invoice).
10. If any of the conditions of this warranty are not met, the goods, in their unaltered condition, will be returned to the purchaser.
11. If the manufacturer determines that the machine is out of warranty, the transportation or travel costs of the service technician will be charged to the customer.
12. All correspondence, returns, complaints should be addressed to the address:
M-ROL Limited Liability Company 10 Trzy Mosty Street, 63-430 Odolanów.

Serial number.....

Manufacturing year.

Date of shipment for sale.....

Sale date.....

(Stamp and signature of the manufacturer)

(Stamp and signature of the seller)

CCM wet corn shredder

CCM wet corn shredder

If necessary, fill out, cut off and deliver or send by registered mail to the manufacturer.

COMPLAINT Voucher No. 2 CCM wet corn shredder	
User Name:	Date of purchase:
Exact address:	Description of repair performed:
Phone:	
Description of the defect revealed (to be written on the back)	Date of repair:
To be completed by manufacturer's representative date of coupon receipt:	User Signature:

COMPLAINT Voucher No. 1 CCM wet corn shredder	
User Name:	Date of purchase:
Exact address:	Description of repair performed:
Phone:	
Description of the defect revealed (to be written on the back)	Date of repair:
To be completed by manufacturer's representative date of coupon receipt:	User Signature:

CCM wet corn shredder

CCM wet corn shredder

EC Declaration of Conformity

- 1. Manufacturer: **M-ROL Limited Liability Company**
Address: **10 Trzy Mosty Street, 63-430 Odolanów**
- 2. Subject of the declaration: **WET CORN SHREDDER**
Series: **CCM**



The machine described above:

- Directive 2006/42/EC EUROPEAN PARLIAMENT AND COUNCIL of May 17, 2006 on machinery, amending Directive 95/16/EC (recast)

The following harmonized standards were used:

- PN-EN ISO 12100:2012	- Safety of machinery. General principles for design. Risk assessment and risk reduction.
- PN-EN ISO 13849-1:2016-02	- Machines. Safety. Safety-related parts of control systems. Part 1: General principles for design.
- PN-EN 60204-1:2018-12	- Safety of machinery. Electrical equipment of machines. Part 1: General requirements.

The President of the Company M-ROL Paweł Zawadzki, 63-430 Odolanów, 10 Trzy Mosty St., phone: +48 62 735 90 10 is authorized to sign the EC Declaration of Conformity.

PREZES

Paweł Zawadzki

.....
Nazwisko, stanowisko, podpis

.....
Place and date of issue

Type.....

Year of manufacture

Factory number

M-ROL 1

Sp. z ograniczoną odpowiedzialnością
63-430 Odolanów, ul. Trzy Mosty 10
tel.+48 62 735 90 10 | mrol@mrol.com.pl
NIP 6221818363 | REGON 250652542

CCM wet corn shredder