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INSTRUCTION MANUAL

BALE GRIPPER





**EC DECLARATION OF CONFORMITY
FOR A MACHINE**



Pursuant to the Ordinance of the Ministry of Economy of 21 October 2008 (Journal of Laws No. 199, item 1228) and the Directive of the European Union no. 2006/42/EC of 17 May 2006,

**Przedsiębiorstwo Produkcyjno-Handlowe "MANDAM" Sp. z o.o.
ul. Toruńska 2
44-100 Gliwice, Poland**

herby declares at its sole responsibility that the following machine:

<p>BALE GRIPPER, TYPE MCH</p> <p>type/model:</p> <p>year of manufacture:</p> <p>serial number:</p>

under this declaration, complies with:

the **Ordinance** of the Ministry of Economy of 21 October 2008 on fundamental requirements for machinery (Journal of Laws No. 199, item 1228)

and the **Directive** of the European Union 2006/42/EC of 17 May 2006.

The persons responsible for the technical documentation for the machine:

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For assessment of compliance the following standards have been applied:

- PN-EN ISO 13857:2010,
- PN-EN ISO 4254-1:2009,
- PN-EN ISO 12100-1:2005/A1:2009,
- PN-EN ISO 12100-2:2005/A1:2009,
- PN-EN 982+A1:2008

This EC Declaration of Conformity shall be cancelled if the machine is modified or redesigned without consent of the manufacturer

Board Manager
Director

inż. Bronisław Jakus

Deputy Board President
Technical and Organisational Director

mgr inż. Józef Seidel

Gliwice, 29 December 2009

Place and date of issue

.....
Surname, first name, position and signature of the authorised person

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BALE GRIPPER

**This instruction manual is an integral part of the product.
Keep this manual for future reference.**

1 INTRODUCTION

Congratulations on your purchase of the bale gripper.

This instruction manual contains the information on hazards that may occur during work with the bale gripper, technical data and the most important guidelines and recommendations to be known and applied to ensure a proper operation.

The following mark indicates guidelines that are important due to safety reasons:



The product is provided with a name plate to be found on the main frame. The name plate presents basic data allowing the identification of the machine.

Type _____ **Number** _____

Weight _____ **Year of manufacture** _____

The bale gripper warranty is valid for 12 months from the date of sale.

The warranty card can be found at the end of the manual.

The warranty card is an integral part of the machine.

Whenever you request any information on spare parts, please provide the serial number.

2 INTENDED USE OF THE BALE GRIPPER

The gripper for round bales is used for grabbing, handling and loading straw bales. It allows bales to be arranged or stacked. The gripper for round bales may be adjusted to various bale sizes with the maximum diameter of 1.60 m. Standard accessories supplied with the gripper include an EURO type hook and two lines for making a direct connection to the hydraulic system on the tractor.

3 GENERAL SAFETY INFORMATION

The bale gripper can be used and operated only by adults familiarised with the instruction manual. While operating the gripper, apply all precautionary measures, in particular:

- for transporting the gripper on public roads, the tractor must be provided with an identification sign suitable for that vehicle,
- act with due caution when overtaking or passing vehicles,
- all work on the machine must be performed when the tractor engine is stopped and the gripper is lowered on the ground,
- do not approach the gripper while it's being lifted or lowered,
- do not stay between the tractor and the attached gripper when the engine is running,
- during operation or standstill, do not stand on the machine and do not apply any additional weights,
- use only factory bolts and pins while securing the connection between the gripper and the tractor,
- any repair, inspection, maintenance or cleaning of working elements during operation may be performed only if the tractor engine is stopped and the gripper is lowered on the ground,
- stop the engine before you get off the tractor,
- the gripper must be attached to the tractor only if placed on even surface that can guarantee stability,
- store the gripper away from farm animals; the gripper must not be used or operated by children and persons who are not familiar with the instruction manual or people under the influence of alcohol.

4 GENERAL OPERATION INSTRUCTIONS

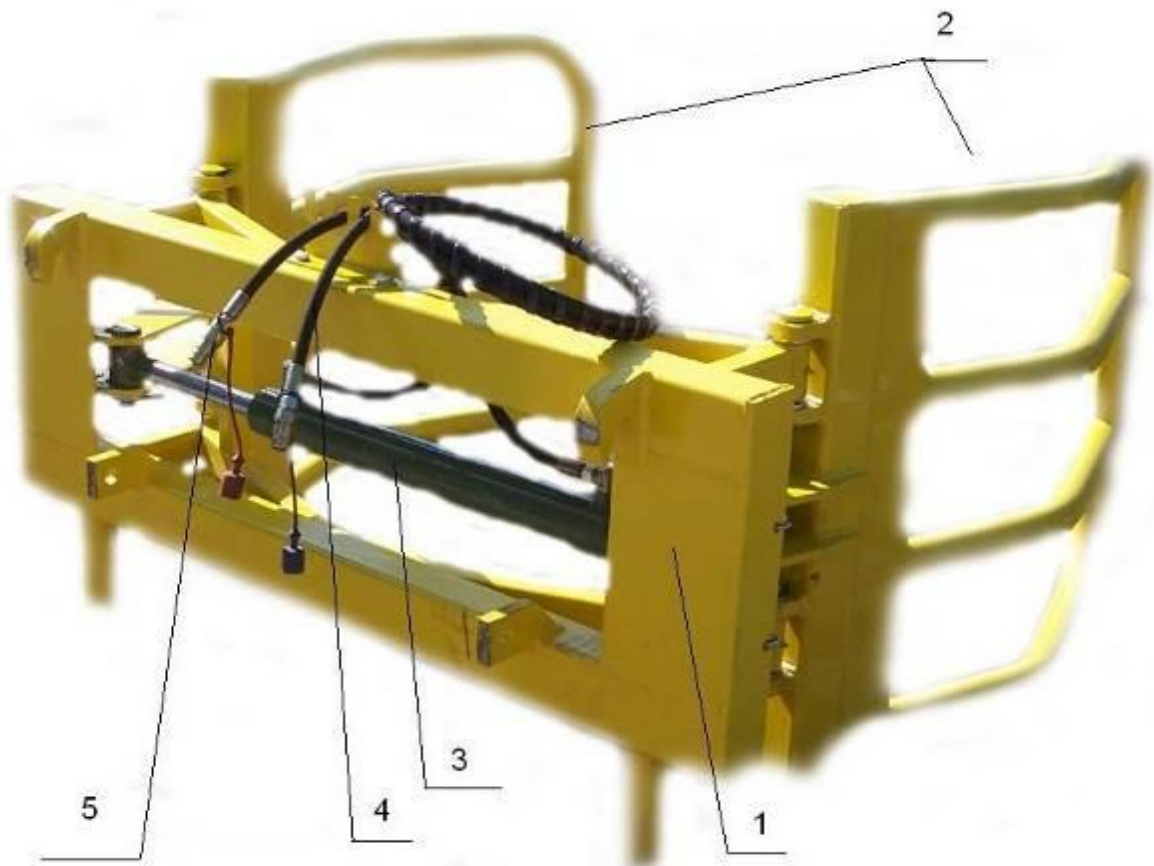


Fig. 1 Bale gripper

Bale gripper	
<i>Item</i>	<i>Name</i>
1	Main frame
2	Clamping arms
3	Cylinder
4	Hydraulic lines
5	Quick-connectors

Table 1

The main load bearing element of the entire machine is the gripper frame designed as a welded structure. The frame features attached working arms.

4.1. ADJUSTMENTS OF THE BALE GRIPPER

The bale gripper is usually supplied for sale in a ready-to-operate condition. However, due to limitations of transport means used to deliver the machine to the point of sale, the machine may be sometimes partially disassembled, i.e. with the clamping arms disconnected from the main frame. If this is the case, connect the arms to the main frame using original bolts supplied with the gripper.

CAUTION: Before any work with the bale gripper, check:

- all fastening connections,
- if the connection of the gripper to the tractor is secure.

4.3 BALE GRIPPER OPERATION

Before operating the machine, attach it to the three-point linkage on the tractor.

To do this, complete the following steps:

- attach the gripper to the three-point linkage using the hooks,
- secure the gripper using the locking mechanism through gripper lugs,
- check gripper lifting and lowering operations.

Before driving to the field, mount warning signs on the gripper frame as required for transport on public roads.

CAUTION: Act with due caution while attaching the three-point linkage to the gripper. The connection must be established with the minimum tractor speed! While attaching the gripper, make sure nobody is present in the vicinity.

Fig. 2 Bale gripper



CAUTION: The first figure presents the correct arrangement of hydraulic hoses. If the arrangement is incorrect, the hoses may be damaged. The manufacturer will not accept any liability in this case.

5. GENERAL WARRANTY TERMS

- **Only genuine spare parts for the machines manufactured by Mandam can ensure long-lasting and efficient operation. The parts for all machines manufactured by Mandam can be purchased in our dealer network or directly from the manufacturer.**
- The warranty covers defects and damage arising from the manufacturer's fault caused by material defects, improper processing or assembly. The manufacturer, under the granted warranty, shall be obliged to the following actions, wherein the scope and total cost of a warranty repair shall be agreed between the Manufacturer and the other Party in each case:
 - repair the claimed equipment free of charge,
 - provide the User with new, properly manufactured parts free of charge, incur the cost of labour and transport,
 - replace the complete equipment by a defect-free unit if the actions stated in (a) and (b) are not successful in ensuring a proper operation of the equipment.
- Warranty servicing is performed by the Manufacturer or the assigned warranty service provider.
- The User shall report a warranty claim immediately, at the latest within 14 days after the occurrence of a defect.
- The warranty period shall be extended by the period of servicing such equipment.
- The Manufacturer will not accept any warranty claims if the equipment has been modified or repaired without the Manufacturer's knowledge or improperly stored, maintained or operated.
- If the User finds that the executed warranty service is insufficient, the User has the right to request the Seller to examine the issue with the participation of an expert to be assigned by both parties.

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WARRANTY CARD BALE GRIPPER

Type:

Serial number:

Year of manufacture:

Date of sale:

The warranty is valid for 12 months from the date of sale.

Warranty service will be performed on behalf of the Manufacturer by:

.....
(to be filled out by the seller)

.....
(manufacturer's stamp)

.....
(seller's stamp)

Present this warranty card when reporting a warranty claim.