

The 6160 Big Bale Breaker



Operating Instructions

Issue date: 13.07.2022 / V1.7

Before the initial start-up, read and keep at the machine for future use.



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1 Product description

1. Intended use

The **MAYER 6160 Big Bale Breaker** is only intended to gently break up commercially available, compacted substrate bales (big bales) with maximum dimensions of L/W/H = 1.20/1.20/2.25 m, and supplying such to a subsequent machine (such as the 1010 Potting Machine).

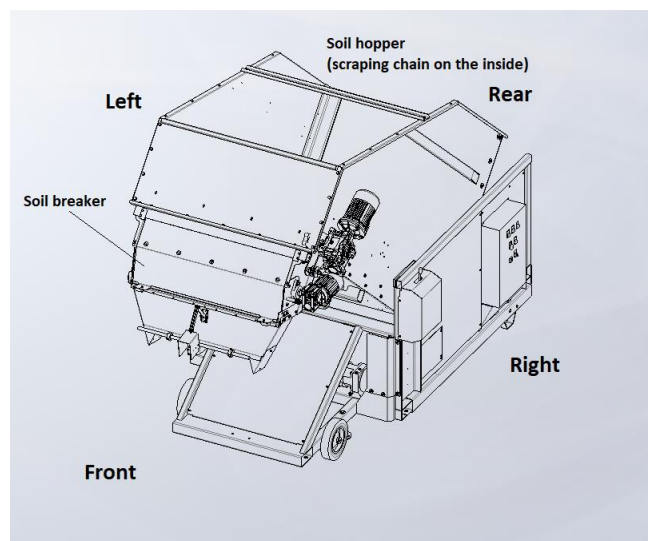
This machine is not intended for any other (as such would be considered as inappropriate use) than the types of use listed here.

If the **MAYER 6160 Big Bale Breaker** is not used in accordance with this intention, then no safe operation of the machine will be guaranteed.

Use as intended also includes reading these Operating Instructions and complying with all the instructions contained in them, especially the safety instructions. It also includes all the inspection and maintenance work being carried out at the prescribed time intervals.

Not the manufacturer, but rather the operating organisation of the **MAYER 6160 Big Bale Breaker** shall be responsible for any injuries or damage arising from use not complying with its intended use.

2. Structure



3. Functional description

- Loading is carried out by forklifts or lift trucks
- The soil hopper tips hydraulically into the operating position.
- The substrate is taken off gently in layers by means of a scraping chain and conveyed upward into the break-up system.
- Here the substrate is put back into its original loose condition and ejected downwards.



4. Technical specifications

Make:	Mayer
Machinery model:	Big Bale Breaker
Series:	6160
Length / Width / Height	330 / 169 / 220 cm
Weight:	1,100 kg
Working height	120 cm
Power connector	400V/50Hz, 5-pin
Power consumption	4.5 kW
Oil volume, hydraulic system	4 litres
Size of Big Bale L/W/H	120 / 120 / 225 m
Emission figure relating to the workplace	70 dB (A)
Capacity of the soil hopper	4 m³
Filling weight	1,400 kg
Max. specific gravity	650 kg/ m³
Capacity	0 – 750 litres/min



5. EU declaration of conformity

According to Appendix IIA of the EU Machinery Directive (2006/42/EC)

The manufacturer:

**Mayer Ipari és Kereskedelmi BT.
9341 Kisfalud, Georg Mayer út. 1.**

**Mayer GmbH & Co. KG
Maschinenbau u. Verwaltung
Poststrasse 30
89522 Heidenheim | Germany**

hereby attests that the machine described in
the following:

Make: Mayer
Model: Big bale breaker
Series: 6160
Year constructed: From 2014

fulfils the safety and health requirements of the
following EU Machinery Directive:

2006/42/EC

Harmonised standards applied:

EN ISO 12100:2011	Safety of machinery - General principles for design - Risk assessment and risk reduction
EN ISO 60204-1:2019	Safety of machinery - Electrical equipment of machines - Part 1: General requirements
EN ISO 13849-1:2016	Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design
EN ISO 13850:2016	Safety of machinery - Emergency stop function - Principles for design
EN ISO 13855:2010	Safety of machinery - Positioning of safeguards with respect to the approach speeds of parts of the human body
EN ISO 13857:2008	Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs
EN ISO 14119:2014	Safety of machinery - Interlocking devices associated with guards - Principles for design and selection
EN ISO 4413:2011	Hydraulic fluid power. General rules and safety requirements for systems and their components
EN ISO 349:1993+A1:2008	Safety of machinery - Minimum gaps to avoid crushing of parts of the human body
EN ISO 14120:2016	Safety of machinery - Guards - General requirements for the design and construction of fixed and movable guards
EN ISO 1037:1995+A1:2008	Safety of machinery - Prevention of unexpected start-up
EN ISO 14738:2009	Safety of machinery - Anthropometric requirements for the design of workstations at machinery
EN ISO 1005-2:2003+A1:2009	Safety of machinery - Human physical performance - Part 2: Manual handling of machinery and component parts of machinery

EN ISO 1005-5:2007	Safety of machinery - Human physical performance - Part 5: Risk assessment for repetitive handling at high frequency
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Any design alterations that effect the technical specifications given in the Operating Instructions or the intended use, i.e. change the machine substantially, will invalidate this EU Declaration of Conformity.

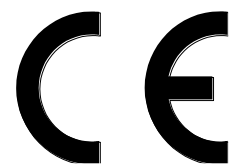


Heidenheim, 01.07.2022

.....
Managing Director

2 General safety instructions

1. The operating organisation's duty to take due care



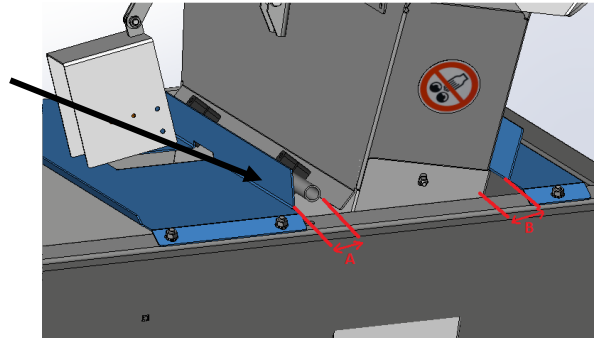
The **MAYER 6160 Big Bale Breaker** was designed and built taking a danger analysis into consideration and after careful selection of the harmonised standards to be complied with as well as other specifications. It therefore meets the state of the art and guarantees a maximum degree of safety.

However, only if all the measures required for such are taken can this safety be achieved in actual operational practice. Planning these measures and checking their implementation is subject to the operating organisation's duty to take due care.

The operating organisation must in particular guarantee that:

- ... the machine is only used in accordance with its intended use (cf. the Product description section).
- ... the machine is only operated when in flawless working order and, especially, that the working order of the safety equipment is regularly checked.
- ... the Operating Instructions are always available in legible condition and complete at the location where the machine is used.
- ... only sufficiently qualified and authorised personnel operate, service and repair the machine.
- ... these personnel are regularly instructed about all relevant matters concerning industrial safety and environmental protection and that they know the Operating Instructions and especially the safety instructions they contain.
- ... none of the safety and warning signs attached to the machine are removed and that all remain legible.
- Users must obligate themselves only to ever operate the machine when it is flawless condition. No unauthorised conversions or alterations are allowed that influence the machine's safety.
- Only when it has stopped, must any work ever be carried out on the machine.
- Before beginning with any work on the machine, secure its drives and accessory parts against being switched on unintentionally.
- The protective devices may only be removed when the machine has been stopped.
- Local safety and accident-prevention regulations always apply to any operation of the machine.
- The machine may not be started if any safety devices are removed.

- The machine can be operated SOLELY connected to a Mayer Potting machine. The maximum distance between Soil breaker and movable guards (A and B) is 50 mm
- In the working area the operator is responsible for other people.
- **In case of non-compliance with any one of the points cited above, the manufacturer shall be released from all liability.**



2. Explanation of the safety symbols used

The safety symbols along with the text of the safety instructions are meant to point out unavoidable residual dangers that exist when dealing with this machine. These residual hazards relate to:

- People
- The machine
- Other things and objects
- The environment

The following safety symbols are used in these Operating Instructions:

This symbol indicates that there are dangers to the lives and health of people. In addition, there might also be dangers for machines, things or the environment.

If these instructions are not followed, then severe and even fatal injuries may result.

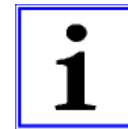
This symbol indicates that entering or reaching into the area identified by this sign is not allowed while the machine is in operation.

This symbol indicates that there are dangers to the machine, things and the environment, but that no dangers to people are to be expected.

If these instructions are not followed, it might result in malfunctions and damage to the machine. Property damage and environmental damage might also come about.



This symbol identifies instructions contributing to better understanding of the machine information that helps you to use the machine in optimum fashion. This symbol does not identify safety instructions.



This symbol indicates that reaching into the area identified by this sign is not allowed while the machine is in operation.



This symbol warn against the danger of electric shock.



Be sure to also note that a safety symbol can never replace the text of safety instructions—the text of safety instructions must therefore always be read completely.

3. Basic safety measures

Always be sure that:

- ... tight-fitting working clothes are worn at all the workplaces.
- ... it is not allowed to wear chains, rings, bracelets or wristbands.
- ... for operationally relevant reasons, it is not possible to completely cover the soil hopper.
- ... it is not allowed to reach into the soil hopper (to push in more soil, for example), because when doing so there would be a danger of getting caught by the scraping chain.
- ... it is not allowed to get into the soil hopper while the machine is running.



4. Requirements upon the operating personnel

The machine may only be operated by personnel who have been trained for such, shown what is involved and are authorised to do so. These individuals have to know and act in accordance with the Operating Instructions. The respective authorisations for the operation personnel must be clearly prescribed.

In addition to this, special qualifications are required for the following activities:

Operation personnel being trained may at first only work with the machine under the supervision of an experienced individual. It should be confirmed in writing that the training has been successfully completed.

Only trained personnel may ever operate any of the control and safety equipment.

All individuals that carry out any activities with the machine have to read the Operating Instructions and confirm by their signature that they have understood the Operating Instructions.

Safety instructions

Please read the product description prior to installing the unit. Ensure that the product is suitable for your application without any restrictions.

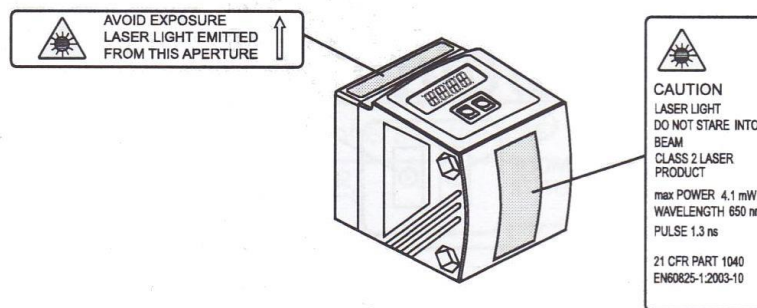
If the operating instructions or technical data are not adhered to, personal injury and/or damage to property may occur.

Visible laser light, laser protection class 2.



Do not stare into the laser beam!

The enclosed labels (warning laser) must be applied in the immediate vicinity of the unit. Adhere to the caution and warning notes on the product label.



Caution - Use of controls or adjustments or procedures other than those specified herein may result in hazardous radiation exposure.



3 Transport

To prevent damage to the machine as well as injuries while transporting the machine, it is absolutely necessary to comply with the following points:

- The transport work may only be carried out by individuals qualified to do so, complying with the safety instructions.
- The machine may only be lifted by the supporting points provided for such.
- Only the load-lifting devices and tackle specified here may be used to transport the machine.
- Be sure to also read the "General Safety Instructions" section.

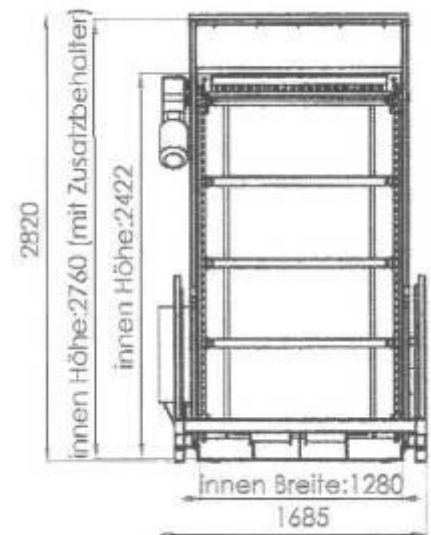
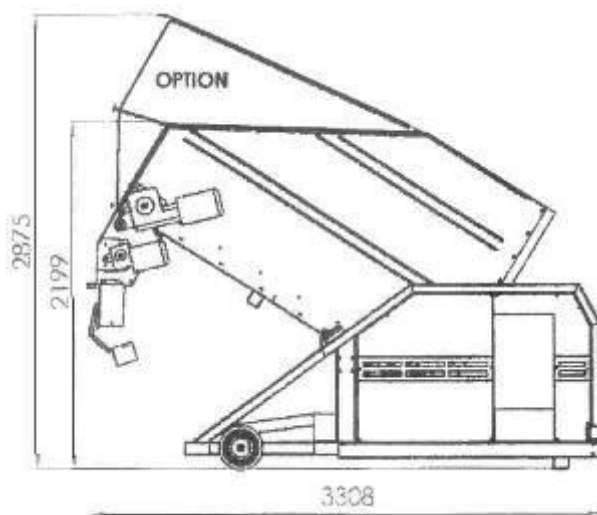
When transporting the machine, the following special dangers must be expected:

- Suspended loads can drop, which would be a lethal danger – never go under suspended loads!
- If load-lifting equipment other than that specified here, severe damage to the machine may result.



1. Dimensions and weight

Length:	330 cm
Width:	169 cm
Height:	220 cm
Weight:	1100 kg



2. Transport equipment allowed

During transports, avoid both impacts and the formation of condensation water caused by great temperature fluctuations.

For transport and handling with forklifts, it is stipulated that transport equipment and lifting gear from Mayer GmbH & Co. KG be used.



Transport equipment

3. Transport to and at the set-up location

The **Big Bale Breaker** is equipped with two solid rubber tyres, on one axle in the front and two feet on the base frame. A device (a hitch) or a manual lift is provided for lifting the rear of the machine (depending on the equipment).



When moving the machine, pay special attention to the supply lines to the machine so as to avoid damaging or pulling out the line by running over them with the front wheels.



Before moving the machine, the soil hopper has to be completely emptied.



If the machine should have to be transported over an uneven surface, then:

- ... the soil hopper has to be completely emptied.
- ... sufficient safety precautions have to be taken to prevent the machine from sliding off in an uncontrolled fashion.

4 How to set up

To prevent damage to the machine as well as injuries when setting up the machine, be absolutely sure to comply with the following points:

- The set-up work (assembly and installation of the machine) may only be carried out by personnel qualified to do so, complying with the safety instructions.
- Before beginning with the set-up work, check the machine for any transport damage.
- Also read the section "General Safety Instructions".

When setting up the machine, the following special dangers have to be expected.

- Any parts of the machine incorrectly placed or improperly attached can drop or fall over.
- There is a danger of getting injured by sharp-edged parts of the machine still open and accessible.
- Voltage-carrying cable ends and components can result in injuries from electric current.
- Parts lying loosely on top of one another can slip and fall off.
- Improperly installed lines (such as with a bending radius that is too small) can cause smoulder fires and cable fires.
- Lubricants or fertilisers that have escaped can result in caustic burns on direct contact with the skin.

1. Ambient requirements for setting up

- The ground supporting the machine should be level and stable to avoid having the wheels or feet sink in.
- Electrical connection: 400V/50Hz; connection is only allowed to sockets protected by a 300-mA differential-current switch.
- There has to be sufficient space available for the supply work. Position upstream and downstream machines appropriately.

2. Stability

For the maintenance to be stable, the two support feet have to be attached on the front of the machine.

The rolling mechanism is only for transports within the working area or in the greenhouse.



Support foot, rear



Support foot, front

3. Setting up / Alignment

Transport the machine by forklift to the position desired. Move with the hitch into the precise alignment for filling the following machine.

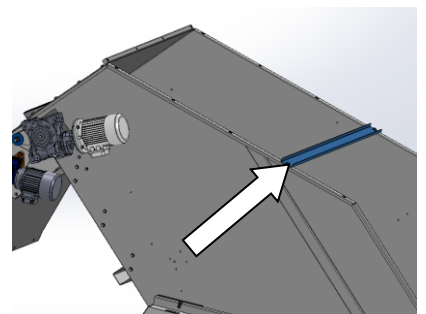
5 Initial start-up

It is absolutely necessary to comply with the following safety instructions for the initial start-up of the machine. This will prevent injury to individuals, damage to machinery and other property damage.

- The initial start-up may only be carried out by qualified individuals, complying with the safety instructions.
- Before the first start-up, check whether all the tools and parts not belonging in it have been removed from the machine.
- Before the first start-up, check the electrical connections.
- Activate all the safety equipment and EMERGENCY SHUT-OFF switches before the initial start-up.
- Also read the section "General Safety Instructions".

1. Check before the first start-up

- Are all the protective devices present?
- Was the machine damaged during transport?
- Before the initial start-up of the machine, check the machine's connecting lead for any damage.
- Make sure that no parts that do not belong there (such as toolboxes or the like) are in the soil hopper.
- Before connecting your machine's connecting lead to the mains supply, set the switch on the electrical-system cabinet to "Zero".
- Check to be sure all the supports have been extended.
- Before the initial start-up, remove the transport securing device.
- Transport securing, please remove before installation. (in the picture marked)



2. Starting the machine for the first time

After you have established the connection between the mains supply and the machine, set the master switch to **"1 ON"**. The control cabinet is then supplied with electric power. The master switch is located in the door of the control cabinet.

When the "EMERGENCY SHUT-OFF" is depressed, "CONTROL ON" is not possible!

When starting up the machine, be sure to check that the **"EMERGENCY SHUT-OFF"** switches (there are two of them) are not depressed and locked into place.

To bring the soil hopper into the loading position, push down the HYDRAULIC LEVER (2) and hold it down until the position is reached. If the soil hopper does not move, then the direction of rotation has to be changed on the supply line. (Pay attention to the direction-of-rotation arrow for the pump motor.)

Move the soil hopper into the unloading position. When reached, the "In position" lamp will light up. Release the lever.

When you then press the "START" button, all the electric functions on the Big Bale Breaker will be ready to operate.

The scraping chain and break-up system will begin to run (the laser sensor must not be engaged).

Stop the scraping chain and the break-up system by moving out of the unloading position or by pressing the "STOP" button.

3. Start Check after the first start-up

If there are no irregularities during the trial run (such as unusual noises), the machine can be operated as described in the section "Operation".



6 Operation

To prevent damage to the machine as well as injuries while operating the machine, it is absolutely necessary to comply with the following points:

- The machine may only be used/utilised in accordance with its intended use.
- Before switching on the machine, inform yourself about the correct behaviour for malfunctions.
- Before switching on the machine, carry out operational checks of the EMERGENCY SHUT-OFF switches.
- The machine may only be operated from the prescribed workplaces.
- Only the operating personnel may be present at the machine during operation.
- Also read the section "General Safety Instructions".

1. The workplace for the operating personnel

The workplaces are spread over various areas of the machine.

- Filling the soil hopper with substrate from the rear side
- Operating the hydraulic tipping mechanism on the left-hand side.

When operating the machine and when it is in normal operation, the following special dangers have to be expected:

- Any types of use not in accordance with the intended use can cause injuries to people as well as damage to machinery to come about.
- Incorrect behaviour in cases of malfunctions can cause severe injuries to people as well as damage to machinery. So, familiarise yourself with the regulations for malfunctions.



The responsibilities for the various activities with the machine have to be clearly defined and complied with!

Unclear instances of competency are a risk to safety!

2. Description of the control elements

2.1 EMERGENCY SHUT-OFF elements

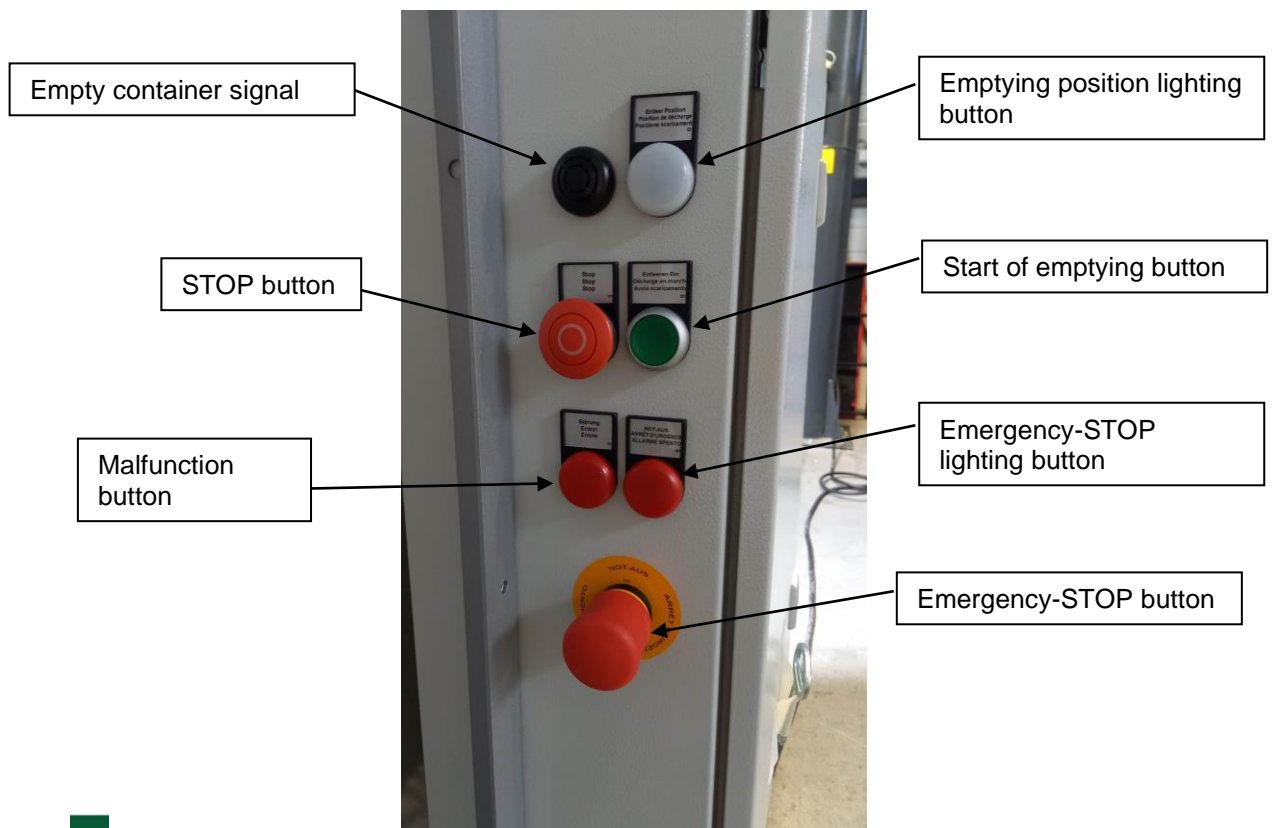
There are three EMERGENCY SHUT-OFF switches on the machine.

They are attached on both sides of the machine.



Warning signal

2.2 Control cabinet





2.3 Control lever

1
Unloading direction

0
Standby position

2
Loading direction



Safety instructions

Please read the product description prior to installing the unit. Ensure that the product is suitable for your application without any restrictions.

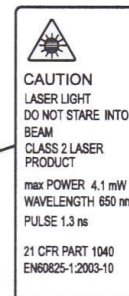
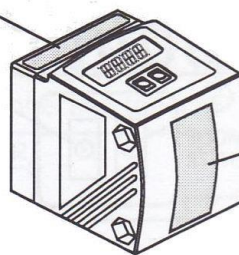
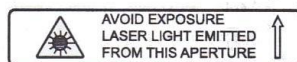
If the operating instructions or technical data are not adhered to, personal injury and/or damage to property may occur.

Visible laser light, laser protection class 2.



Do not stare into the laser beam!

The enclosed labels (warning laser) must be applied in the immediate vicinity of the unit. Adhere to the caution and warning notes on the product label.



For the supply cable use the enclosed label.

Caution - Use of controls or adjustments or procedures other than those specified herein may result in hazardous radiation exposure.



3. How to operate

3.1 How to adjust

By adjusting the PROXIMITY SWITCH B1, the unloading position has to be adjusted to the various heights of subsequent machines.

The laser sensor has to be set for the metering of the filling height for the following machine (e.g. TM 1010).

To do so:

- Move into unloading position.
- Stop machine.



Sensor calibration

(to push the sensor, use a ball point pen)

Mayer factory settings:

- Activation of the underground shelter engine with a distance of 850 mm under the tester (display)
- Shutdown of the underground shelter engine with a distance of 600 mm under the tester (display)



To change settings:

- Press the Mode/Enter button consecutively until SP1 appears
- Press the Set button: The value of 850 mm appears. Now you may change the value while keeping the Set button pressed and held down.



Caution!

Only incremental change is possible

- Once the desired value has been attained, confirm this by pressing the Enter button again (this must be done within 15 seconds)
- Press the Mode/Enter button again until SP2 appears on the display
- Press the Set button: The value of 600 appears. This may also be varied by proceeding as described above.

Caution!

All other values should be left unchanged, since this may otherwise prevent faultless operation.



3.2 Positioning

Move the Big Bale Breaker with the hitch into the precise position to fill the following machine.

3.3 How to fill

Bring the soil hopper into the loading position by operating the hand lever over the hydraulic tipping mechanism.

Remove the packaging foil from the big bale.

Use a lift truck or forklift to place the big bale on the pallet in the soil hopper. Afterwards, remove forklift/lift truck from the working area.



3.4 Tipping

Before tipping, you should first check to be sure no objects or people are within the swivelling range. The transport brace has to be extended.

Tip the soil hopper into the unloading position by operating the hand lever. The indicator lamp will light up.

3.5 Scraping chain/Break-up system

The scraping chain and break-up system start up when the unloading position is reached and the "START" button is pressed.

When the maximum level set is reached, these shut-off and switch back on at the minimum level.

The scraping chain and break-up system switch off both when the unloading position is moved out of, and when you press the **STOP BUTTON**.



3.6 Watering system (accessory)

With the watering system, a variable amount of water can be automatically apportioned.

A lever on the spray line can be used to set the amount. Starting and stopping is controlled by the soil filling.

7 Malfunctions

To prevent damage to the machine as well as injuries while remedying malfunctions at the machine, it is absolutely necessary to comply with the following points:

- Only eliminate a malfunction if you have the qualification specified to do so.
- Also read the section "General Safety Instructions".
- When eliminating malfunctions with the machine, the following special dangers have to be expected:
- Accidentally switching on the power sources can result in injuries to people as well as damage to the machine.

1. What to do when there is a malfunction

If any malfunctions should occur while the machine is in operation, proceed as follows:

1. Stop the machine either using the STOP button or EMERGENCY SHUT-OFF, depending on the situation.
2. When necessary for the safety of people or of the machine, immediately cut off the machine from the power system it has.
3. Troubleshooting → If necessary, then by qualified personnel
4. Error correction → If necessary, then by qualified personnel
5. Starting up the machine

2. Possible malfunctions and how to correct them

Error / Malfunction	Cause	Measure
Soil hopper cannot be tipped.	The direction of rotation of the electric power connection is not right.	Change direction of rotation.
	The transport brace is not removed.	Remove.
	The EMERGENCY SHUT-OFF has been pressed.	Release.
The soil hopper will not run.	It is not standing in the correct working position.	Check the setting of the position switch and adjust.
	The EMERGENCY SHUT-OFF has been pressed.	Release.
	The laser sensor is soiled or not set correctly.	Clean and reset is necessary.
	The thermal protection system has responded.	"See next point"
The motor protection system switches off	Blocking of the break-up system and/or of the "scraping chain"	
	Some foreign substance has gotten jammed.	Remove.
	The filling weight is too great.	Reduce.
The Big Bale Breaker stops during operation.	Some foreign substance has gotten jammed.	Remove.
	The scraping chain has been blocked by soiling.	Clean.
	Electric power supply interrupted.	Check and restore if necessary.
	EMERGENCY SHUT-OFF pressed	Release.
	Is the laser sensor adjusted properly?	Readjust.
	The filling weight is too great and so the motor protection system disconnects.	Reduce.
The filling height is not correct.	The laser sensor is out of adjustment.	Use key-operated switch to reset.

8 Maintenance

When carrying out maintenance for the machine, it is absolutely necessary to comply with the following safety instructions. Doing so will prevent injuries to people, damage to the machine and other damage to property as well as the environment.

- Cleaning, lubricating and maintenance work may only be carried out by authorised operating personnel. The Operating Instructions must be complied with exactly.
- Only trained electricians may ever carry out any of the work on the machine's electrical equipment.
- Switch off all sources of voltage and secure the sources of voltage against them being accidentally switched back on.
- Only Mayer GmbH & Co. KG may ever manipulate the machine's control programme.
- All un-recycled operational materials, lubricants and supplies must be disposed of in an environmentally friendly manner.
- Also read the section "General Safety Instructions"

When carrying out maintenance on the machine, the following special dangers have to be expected.

- Installing incorrect spare parts or wearing parts can cause severe damage to the machine.
- Accidentally switching on the power source can result in severe bodily injuries and damage to the machine.
- There is a danger of getting injured on sharp-edged machine parts/tools that are exposed.
- Lubricants or fertilisers that have escaped can result in caustic burns on direct contact with the skin.
- When unsecured manual operation is carried out, there is an increased risk of injury through crushing.

1. General information

We recommend an annual inspection of the entire machine by our customer service.

For service or repair work, order our customer service at one of our service workshops.



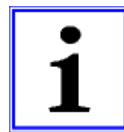
Spare parts have to meet the technical requirements of the machine's manufacturer. This is guaranteed with original spare parts from MAYER.

2. Inspection and preventative maintenance

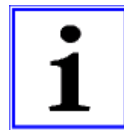
2.1 Scraping chain

It has to be possible for the chain to be lifted at the centre of the ground by a minimum of 3 cm and maximum of 5 cm. If there is greater play, set the chain tighter by tightening the adjustment bolts on the bottom (24-er wrench). Adjust the bolts evenly on both sides.

Grease the "scraping chain" before long standstills.



Follow the maintenance schedule.



3. Cleaning

No high-pressure cleaner or hose must be used when cleaning the machine. The electrical system or mechanical bearings could get damaged.



4. Maintenance Schedule

Description	Time	
Check the functioning of the safety equipment.	Daily	
Clean the machine.	Daily	
Visual check of the electric power supply and the plug	Daily	
Check the break-up system for any damage or soiling.	Daily	
Check the "scraping chain" tension.	Daily	
It may be possible for the chain to be lifted at the centre of the ground by a minimum of 3 cm and a maximum of 5 cm. If there is greater play, set the chain tighter by tightening the adjustment bolts on the bottom (24-er wrench). To do so, loosen the nuts and adjust the bolts evenly on both sides. Then retighten the nuts.		
Spray the pump rod of the hydraulic cylinder with silicon spray, allow to dry ten minutes, after which it is again ready for use.	After approx. 100 bales are processed	
Check condition of hydraulic hoses and replace if necessary	5 Annual	
Check to be sure the safety instructions are undamaged.	Weekly	
Check the hydraulic system for any leakage as well as for the filling height of the oil tank.	Weekly	
Check the chain and chain wheels for wear. Replace both if the chain can no longer be retightened.	Weekly	
With chain oil, such as Mobil Chain Lube	Weekly	
Grease all the bearings with lubricating nipples.	Annually	
Complete cleaning of the Big Bale Breaker after ending the season and lubrication of the "scraping chain"	Annually	

9 Shutting down operation

1. Shutting down operation temporarily

The machine can be stopped in two ways:

1. In normal cases shut down the machine using the "**STOP**" button on the control cabinet. When you press the "**START**" button, the machine will start back up.
2. In emergencies, the machine can be switched off using the "**EMERGENCY SHUT-OFF**" switch. The machine will immediately stop. After releasing the "**EMERGENCY SHUT-OFF**" switch, the "**START**" button has to be pressed for the machine to start running again.

2. Measures before and after long shutdowns

Before long shutdowns

- Clean the machine thoroughly.
- Oil and grease all the parts according to the maintenance schedule.
- Protect (cover) the machine against soiling and wetness.
- Separate the machine from the (electric) power system it has.

After long shutdowns

- Oil and grease all the parts according to the maintenance schedule.
- Give the machine a visual check.
- Connect the machine to the power systems for it.
- Start up the machine as described in the section "Initial start-up".

3. Final shutting down of operation / Disposal

After completing its entire service time, separate the machine from its power supply systems and dispose of according to the respective valid statutory regulations.

10 Part list

11 Guarantee

Horticultural machinery and special machinery

We will accept liability for faults in the supplied goods and for any failure to provide features for the existence of which an express assurance had been given. In such a case we undertake – to the exclusion of all further claims – to improve or re-supply (at our discretion) free of charge any parts which have revealed themselves to be unserviceable or subject to a not inconsiderable impairment in serviceability due to faults in their material, manufacturing process or design within twelve months (or within six months for multi-shift operation) of their arrival on the customer's premises. For parts which we do not manufacture ourselves (e.g. motors), we can only accept liability for the same scope and length of time which the subcontractor has accorded to us.

Any replaced parts shall become our own property. No warranty claims can be accepted if the fault occurs as a result of the customer having mistreated or neglected the products delivered by us, made modifications or undertaken repairs incorrectly or without our prior approval, or had third parties undertake such work.

The customer's entitlement to assert claims due to faults shall in all cases lapse six months following a complaint made within the required time period, however no sooner than the end of the compulsory warranty period. We are not responsible for correcting faults unless the customer has fulfilled its obligations due to us up to the point when the fault became apparent.

Changes in the design and shape of horticultural machinery and equipment

We reserve the right to make changes in design and shape, in particular with regard to deviations from the drawings and descriptions etc. during the delivery period, provided that the purchased object is not thereby significantly altered, rendered less effective or reduced in value and the customer can reasonably be expected to accept the modifications.

You have chosen to purchase a product of true quality.

We wish you every success with your product.

We would be most grateful if you would recommend our products to others.

Thank you

Your MAYER-TEAM