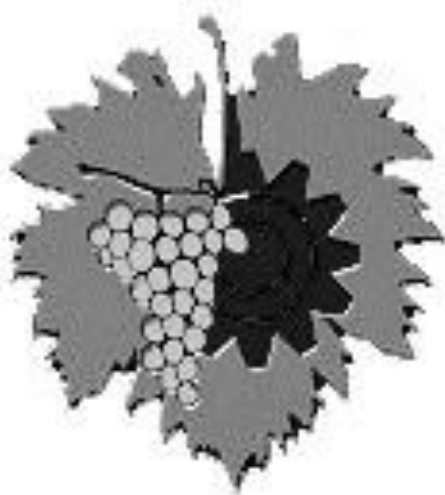


ENOITALIA

OENOLOGICAL MACHINES



OPERATING INSTRUCTIONS AND TECHNICAL MANUAL

***DESTALKING – CRUSHING
MACHINE MODEL
JOLLY 40 MV***

ENGLISH

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ATTENTION:

This manual must be left near the machine in a dry place. The user of the machine and the maintenance staff must be sure of the location of this manual.

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DRAWING AND WIRING CONNECTION (ATTACH)

2. CONTENT

*This manual contains all the information, and scheme to install, use and repair the Crusher
This manual contains the safety rules to be respected by the operator.*



Forbidden: to repair or use the machine by person who have not read all the safety rules of this manual. This manual is a component of the machine and must be place in a location easy and fast to find. In particular :

- ***The location must be clean and dry***
- ***It is forbidden to write part of the manual***

3. SAFETY RULES



FAILURE TO RESPECT THESE INSTRUCTIONS IS DANGEROUS AS IT MAY CAUSE INJURIES TO PEOPLE AND DAMAGE TO THE MACHINE

Before to use the machine is necessary to read this manual, and it is obliged to integrate these indication with all the valid regolamentation about safety and accident prevention.

The driving gear may cause accident . It is necessary to use caution when the machine is working,

Enoitalia s.r.l. decline any responsabilità in case of :

1. Inadequancy of the electrical system used for the machine
2. Inadequancy of the location where the machine is installed
3. Not respect of the indication for installation, use and maintenance, as indicated in this manual
4. Use of the machine by not qualified operator
5. Not allowed modification to the machine

The only use of the machine is the one indicate in this manual. Enoitalia srl decline all the responsibility for any different use of the machinery

4. DESCRIPTION

4.1. ADVICES:



- The destemmer crusher must be used only with as indicate in this manual
 - Don't start to install or to use the machine before the reading of this manual
 - Don't start the machine if there are missing labels
 - Don't start the machine if there are not safety protection or abnormal vibration
6. Do not start the machine if the electrical motors and/or the structure of the machine are damaged.
 7. At least once a year ensure that the various machine components are secured and if necessary tighten any loose nuts/bolts.
 - Ensure that the circuit tension to which the engines' control panel is connected is the same as that of the engine cabling.
 - Don't use the machine if the motor is overheating. Wait till the motor is became cold
 - The machine must by used only by professional person, expert in the use maintenance
 - Do not start engines if the rotating elements are prevented from rotating freely.
 - When using slings to lift the machine, make sure these are suitable to the weight to be lifted
 - This book let must always accompany the machine. Any reproduction including partial reproduction of the same is forbidden.

We thank you for choosing our machine and have pleasure in enclosing this use and maintenance manual to allow you to make the best use of the machine thus extending its service life

4.2. DESCRIPTION

The machine you have purchased, Model JOLLY 40 MV, is designed exclusively for the purpose of destalking and crushing grapes.

The machine is designed to destalk the bunches of grapes that are loaded into the loading hopper. A screw feeder conveys the bunches towards the cage where the destalking takes place. The destalking speed can be adjusted by using the wheel on the speed-adjustment drive unit. Stalks are eliminated through the stalk outlet, whereas the berries are conveyed towards a separate outlet. If crushing is required the rollers may be fitted under the outlet. The destalked berries are then conveyed to the collection opening of a marc pump or in the collection tray to which a self-priming pump is connected.

The constructor cannot be held responsible for any damage to the electrical or mechanical parts of the machine caused during transportation. You are therefore invited to check the condition of the packaging when the machine is delivered.

The constructor declines any responsibility in case of accidents to people or damage to things and/or the machine, caused by the operating staff's failure to strictly follow the instructions contained in this manual or from their having tampered with the machine.

Before starting the machine it is crucial that the user knows how to carry out all the operations described in this manual and to apply them whenever necessary.

We suggest to make an evaluation of the adequacy of the place where install the machine: the machine must be easy to access from any side, and in particular the emergency stop: it is a safety device install on the motor which stops the machine when the cover is lifted; the space free around the machine must be more than one meter; the machine doesn't hamper the passage of elevator or other vehicle; the floor must be strong enough to support the weight of the machine and with a sloping less than 10%; all the user must be exposed to the noise in similar way, in respect of the law limits; the temperature the humidity and the magnetic area have not to cause dangers to the machine; the light must be suitable for a safety and correct work



All the changes in the use, in the products used, in the type of the operations, are value as a new installation of the machine and Enoitalia srl decline any responsibility.

4.3 DESCRIPTION

Below a list of machine components:-

- 1) **Loading Hopper:** contains a spiral conveyor that drags the grapes inside the destalking basket.
- 2) **Destalking basket:** separates the berries from the stems thanks to the rotation of the destemmer shaft, provided with rubber tips..
- 3) **Roller unit:** consisting of two foodsafe rubber rollers that crush the berries. The crushing can be adjusted as required by using the hand-wheels provided.
- 4) **Must collection tank with screw feeder:** the tank receives the destalked berries, crushed if required, and conveys them by means of a screw feeder towards the hose connection to which a decanting pump should be connected.

5) **Stalk outlet:** the stalks fall out of the end part of the machine. Remove only the stalks that have fallen on the ground. To remove the stalks that may have dropped on the machine's unloading plates, stop the machine, then extract the stalks.

THIS OPERATION MUST NEVER BE CARRIED OUT WHILE THE MACHINE IS ON.

6) **Electrical motor:** this is the machine's controls panel consisting of a cable and plug, an emergency-stop device and of a machine start button. It is important that the user's electrical system complies with the law regulations in force and that its maximum power absorption is taken into account.

7) **Speed adjustment device:** consisting of a mechanical system make with a speed variable pulley. Thanks to the external handwheel it is possible to adjust the speed.

SPEED MUST BE ADJUSTED ONLY ONCE THE MACHINE HAS BEEN TURNED ON AS OTHERWISE IT MAY DAMAGE THE SPEED ADJUSTMENT DRIVE UNIT

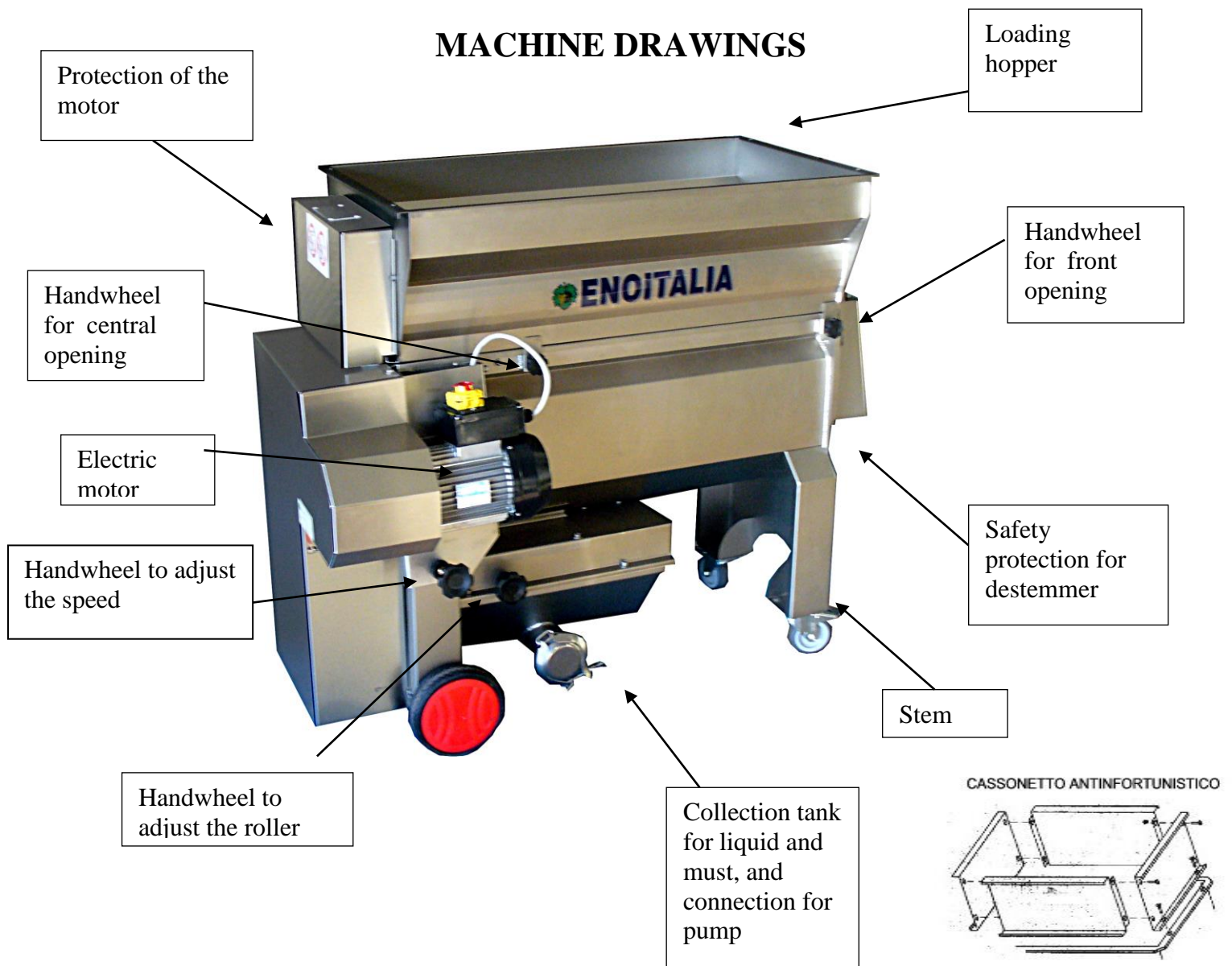


Figura n.1 description destemmer crusher Jolly 40 ars



5 SAFETY PROTECTION AND ACCIDENT -PREVENTION

5.1. GENERAL NOTE

This machine is provided with protections for the motors and for all the gears, to avoid the direct contact with harm or fingers.

It is also provided of a upper safety box to install over the hopper (fig. n.2) to avoid the accidental possibility to touch the agitator and the roller.. This safety protection doesn't protect with the intentional introduction of the harm inside the hopper because must allow the loading of the grape or fruit inside the machine.



Do not carry out introduction of body part or instruments, or maintenance work while the machine is in operation

The owner and the user are obliged to inform all the person that will use the machine about the safety regulamentation, and give all the information for a correct use of the machine

In particular they must take care about:

1. There are no modification to the machine
2. The machine is used as mentioned in this manual and not for different use
3. The machine keep the original configuration
4. The respect of the regulamentation accident-prevent.

During a study of the risk to use this crusher, we see the main risk are the following:



Don't remove
the protection



Don't make any maintennce
while the machine is working



Guanti di protezione
obbligatoria

Use safety glove



Calzatura di sicurezza
obbligatoria

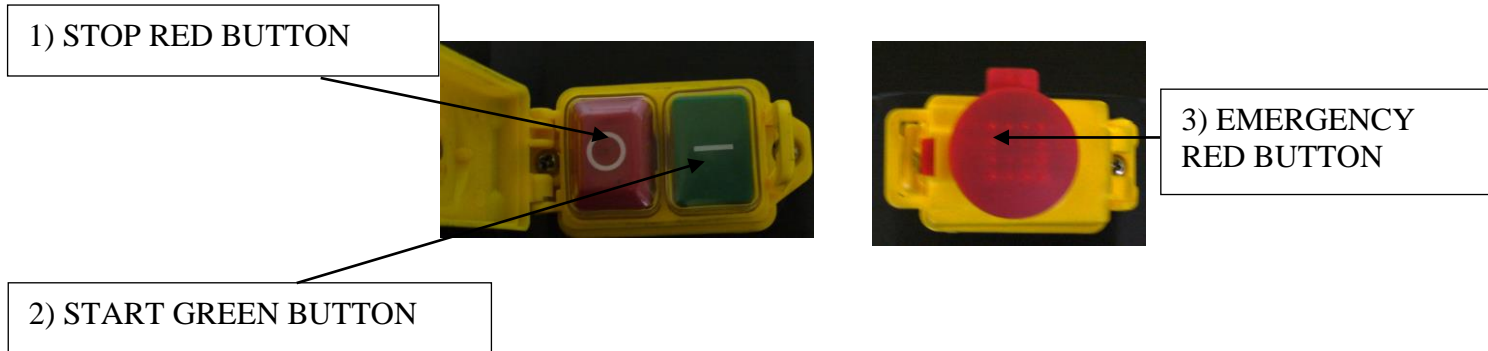
Use safety shoose

Fig n.2 danger and prevention

5.2. EMERGENCY STOP

this is the machine's controls panel consisting of a cable and plug, an emergency-stop device and of a machine start button. The controls panel is connected to a safety device which stops the machine when the cover is lifted.

Three-phase:



Single-phase:

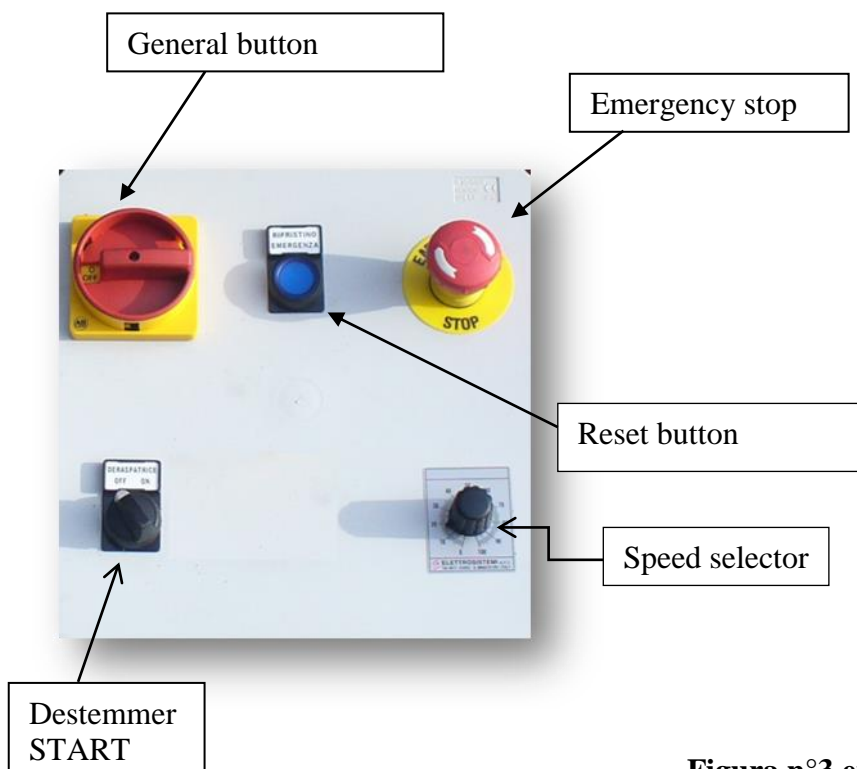
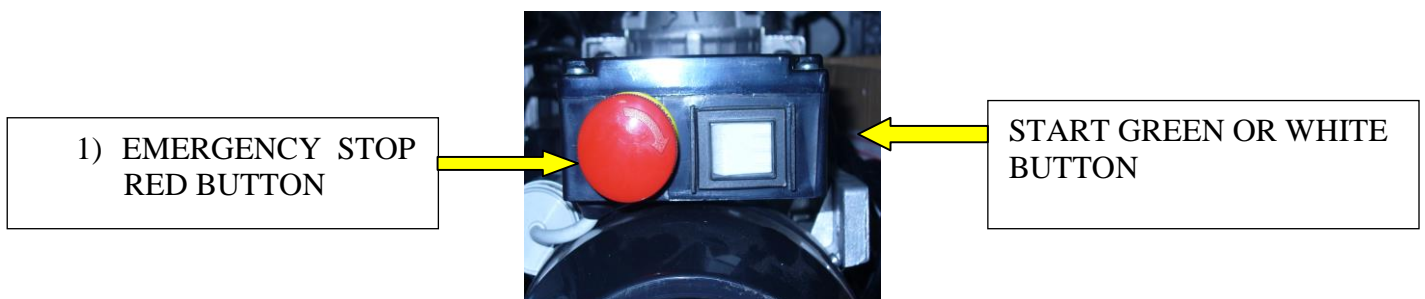


Figura n°3 emergency electric system

To crush or top cut hamr and fingers	Hopper screw	Don't remove the safety protection Stop the machine and disconnect the motor's plug by the net before to start any repair or maintenance. Don't repair the machine while it is working
To crush leg and feet	Fall down of the machine	Use safety shoes Be sure of the installation of the machine
Electrocution. Fire	Engine	It is important that the user's electrical system complies with the law regulations in force and that its maximum power absorption is taken into account Check the cord and the plug if they are new and good Prevention of humidity Only specialized person have to work on the electrical panel

TAB. 1: general risk

6. INSTALLATION

Check that the machine is complete, perfect and there are no evident defect. Advice immediately the company Enoitalia srl in 15 day, about all the defects

Lift the machine as indicated in the figure.



To take the machine it is possible to use automatic lift system: be sure to balance the weight.

Transport the machine to the place it is to be installed in and ensure that all the wheels rest perfectly on the ground. Block the front wheels with the brakes provided (figure 1 n°2).

Remove machine from packaging and dispose of the latter in compliance with law regulations.

Make sure the floor on which the machine is to be positioned can withstand the machine's full capacity weight and that it is not inclined by more than 10%. Wash machine thoroughly to eliminate any residue and any dust on its surface.

To wash the machine, proceed as follows:-

1. Open machine cover by unscrewing the two screw fastenings and by lifting it with the handle provided.
2. Remove the stalk outlet protection by unscrewing the four screw fastenings.
3. Remove the shaker and the basket. Remove shaker shaft by turning it anticlockwise.
4. Release rollers and open the crushing unit.
5. Wash machine carefully avoiding to wet the electrical parts
6. Close the machine once washing is completed.
7. Install the anti-accident box.

7 WIRING CONNECTION

To start the machine, proceed with the electrical connection which must be carried out by a qualified technician. Avoid wetting the plug and socket.

Check the label on the motor and the adequacy with user's electrical system



The safety of this crusher is valid only if there is a user's electrical system complies with the law regulations in force and that its maximum power absorption is taken into

If it is necessary to use extension or multi-socket , use only material conformed to the law regulation in force and respect the limit of maximum power absorption. We suggest to use a cord wide 1,5 mm for extension till 20mt, and wide 2,5 for longer distance

8. START-UP

Important: before starting the machine, ensure that there is nothing that prevents the mechanical parts from moving freely and, above all, that nobody is close to the moving parts of the machine. More specifically, hands, arms and other body parts must be kept well away from the stalk outlet opening and from the inside of the box.

Ensure that the engine voltage corresponds to the voltage of the mains.

If during this control there is a defect , stop the crusher, disconnect the plug by the main, advice the dealer or directly Enoitalia srl

To start the machine, proceed with the electrical connection which must be carried out by a qualified technician. Avoid wetting the plug and socket.

To start the machine press the start button, to stop it press the red emergency button (figure 3). Once the red emergency button has been pressed, to start the machine again rotate this button in the direction indicated by the arrow.

Once start-up has been completed, place the grapes inside the loading hopper and set the destalking speed) by using the wheel located on the speed-adjustment drive unit (**do not use the wheel of the speed-adjustment drive unit when the engine is off as this would cause the wheel to break**).

By using this wheel the rotation speed of the destalking shaft is adjusted thereby allowing a more or less gentle destalking.

The amount of bunches to be destalked depends on the screw feeder on the hopper and cannot be changed by pushing the bunches through the inlet (**this operation is of no use and should not be carried out as it is extremely dangerous**).

Should a self-priming pump be used, fit the collection tray before starting the machine. Make sure this is secured.

Should it be necessary to access the inside of the machine (in case of blockages or foreign bodies), proceed as follows:-

1. Turn off and unplug the machine.
2. Remove item from the inside of the machine by using a suitable tool and if necessary open the machine.
3. Close any open parts and repeat all start up operations.

During machine operation the user must check that there are no skins or berries still attached to the stalks at the outlet, and that there are not too many stalk fragments inside the berries collection tank. If there are stalks inside the tank, usually all that is required is to reduce the speed. If berries are still attached to the stalk at the outlet, increase the speed.

Finding the correct speed depends largely on the experience of the user as he shall have to adjust it depending on the type of grapes, on their degree of ripeness and on the type of processing these will subsequently undergo.



Do not carry out introduction of body part or instruments, or maintenance work while the machine is in operation

9. CLEANING AND MAINTENANCE

After using the machine and in any case at the end of each working day, unplug the machine and wash thoroughly to eliminate any residue (see section No. 5 INSTALLATION).

To wash the machine correctly, open it and eliminate any residue inside it. To remove all residue from the rollers, these should be washed from the top and from the bottom.

Once washing is completed, if the machine is not to be used for a long period of time, proceed as follows:-

- Open the carter that protects machine gear.
- Grease all chains, internal gear, greasing points, and bearing supports
- Check the oil level of the speed-adjustment drive unit
- Close all carters and the hopper making sure that the support shaft is secured to the inside retainer.

To polish the machine's metal surface, use vaseline oil.



Any maintenance must be attend my specialized and qualified worker or directly by Enoitalia s.r.l.

It is not possible disassemble the motor. If it is necessary ask before to the reseller or directly to Enoitalia s.r.l.



To use not original spare parts or not allowed by Enoitalia s.r.l., is reason of decline of the warranty and of the Declaration of Conformity

10. POSSIBLE CAUSES OF MALFUNCTION

PROBLEM	REMEDY
The machine has difficulty in starting.	Check that machine is receiving the correct line voltage. Do not use extension leads that are too short as this could cause a voltage reduction. Check the tension of the transmission belts with the register provided.
The machine doesn't start	Make sure machine is plugged in and that the safety microswitch is not active. Check that the machine cover is closed and secured with the fixing screws.
The crushing unit does not start.	Check if the dragging pin is well inserted.
The screw of the collection tank does not start.	See remedy above.
Some berries are still attached to the stalks at the outlet.	Turn off machine and clean the perforated tray Reduce destalking speed.
The speed-adjustment drive unit is too noisy.	Check the oil level of the speed-adjustment drive unit.

11. TECHNICAL FEATURES

Motor: HP 2,5 (kw 1,8)

Hourly production :

Mod. Jolly 40 MV 3000\4000 kg/h

Dimensions: mm 1300 x 700 x 1150 h

Weight: 140kg

Noise level: weighted Leq A 78,9-83,8 db. (measured outdoors in normal working conditions, in compliance with the methods indicated in UNI 7712).

EC DECLARATION OF CONFORMITY

ENOITALIA s.r.l.

Via Prov. Pisana, 162 Cerreto Guidi (Fi)

declares, in sole responsibility, that the following product:

DESTEMMER CRUSHER JOLLY 40 MV

Referred to in this declaration conforms with the following directives and standards

2006/42/CE

2006/95/CE .

2004/108/CE .

UNI EN : 349; 954/1; 1050; 547-1-2-3 ; 894-1-2-3 ; 953; 981; 1005-1-2-3-4-5; 1037.

UNI EN ISO: 3744; 7000; 12100-1-2; 11202; 11205 ; 11688-1-2; 14121-1; 13857;

UNI EN ISO 1186.

CEI EN 60204/1.

UNI ISO 1819; UNI ISO 7149;

UNI 7544; 45020; 60447; 60447.

Cerreto Guidi 18/07/2017

Il Responsabile di produzione

Falorni Fabio

A handwritten signature in blue ink, appearing to read 'Falorni Fabio', is written over the printed name.