

BENASSI®

Agricoltura e Giardinaggio

8607405 BL301 L

8606935 BL301 H

BL 301

Motore
Engine

Lifan LFE168
Honda GX160

Larghezza lavoro
Working width

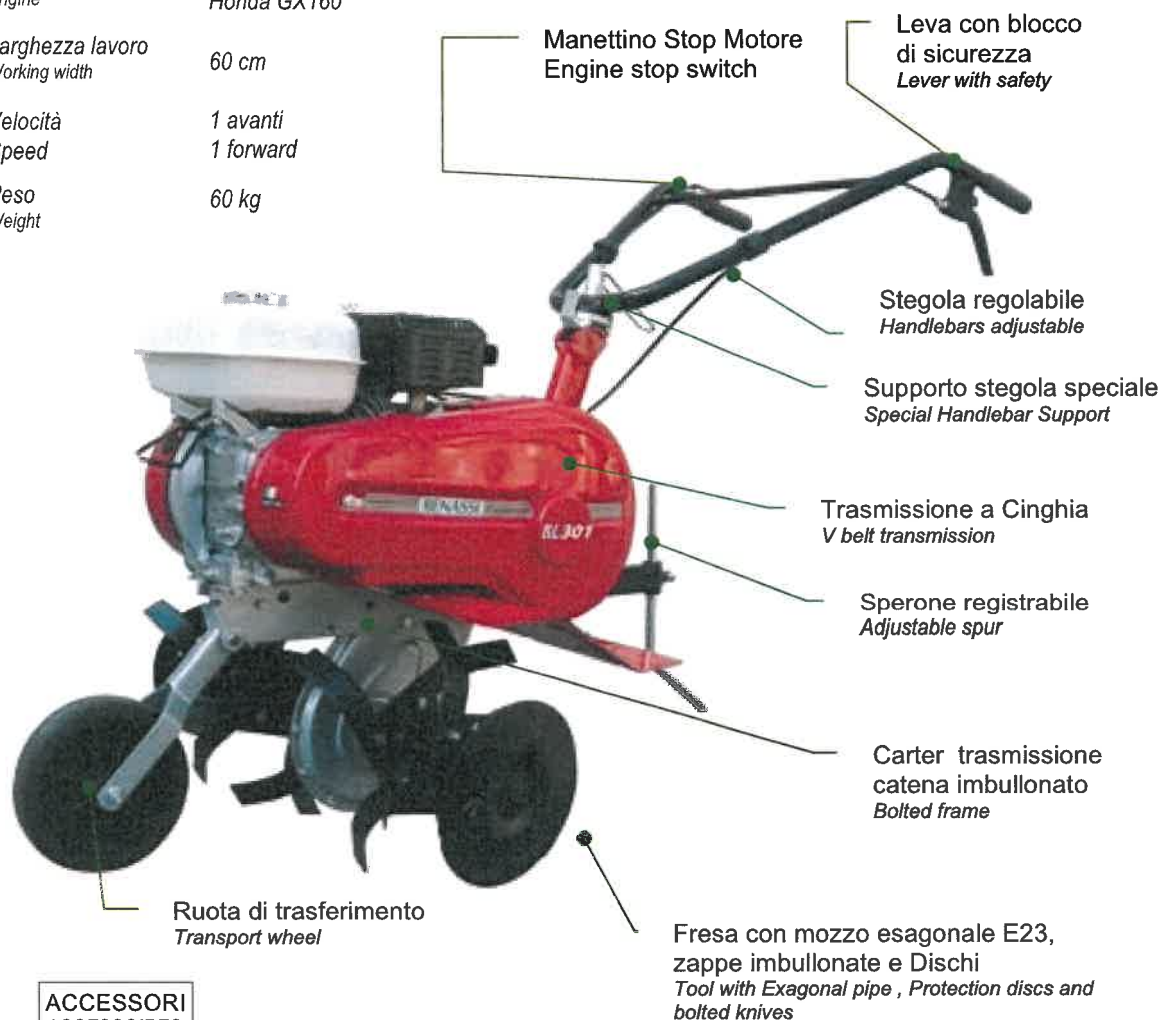
60 cm

Velocità
Speed

1 avanti
1 forward

Peso
Weight

60 kg



ACCESSORI
ACCESSOIRES

Assolcatore
Ridger

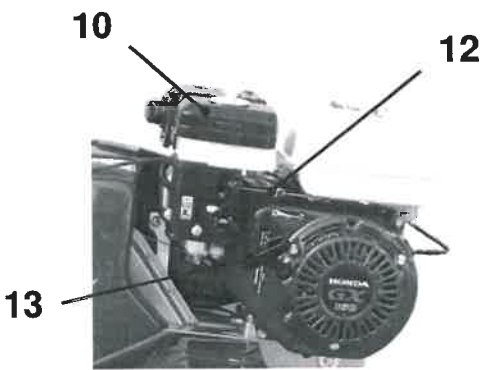
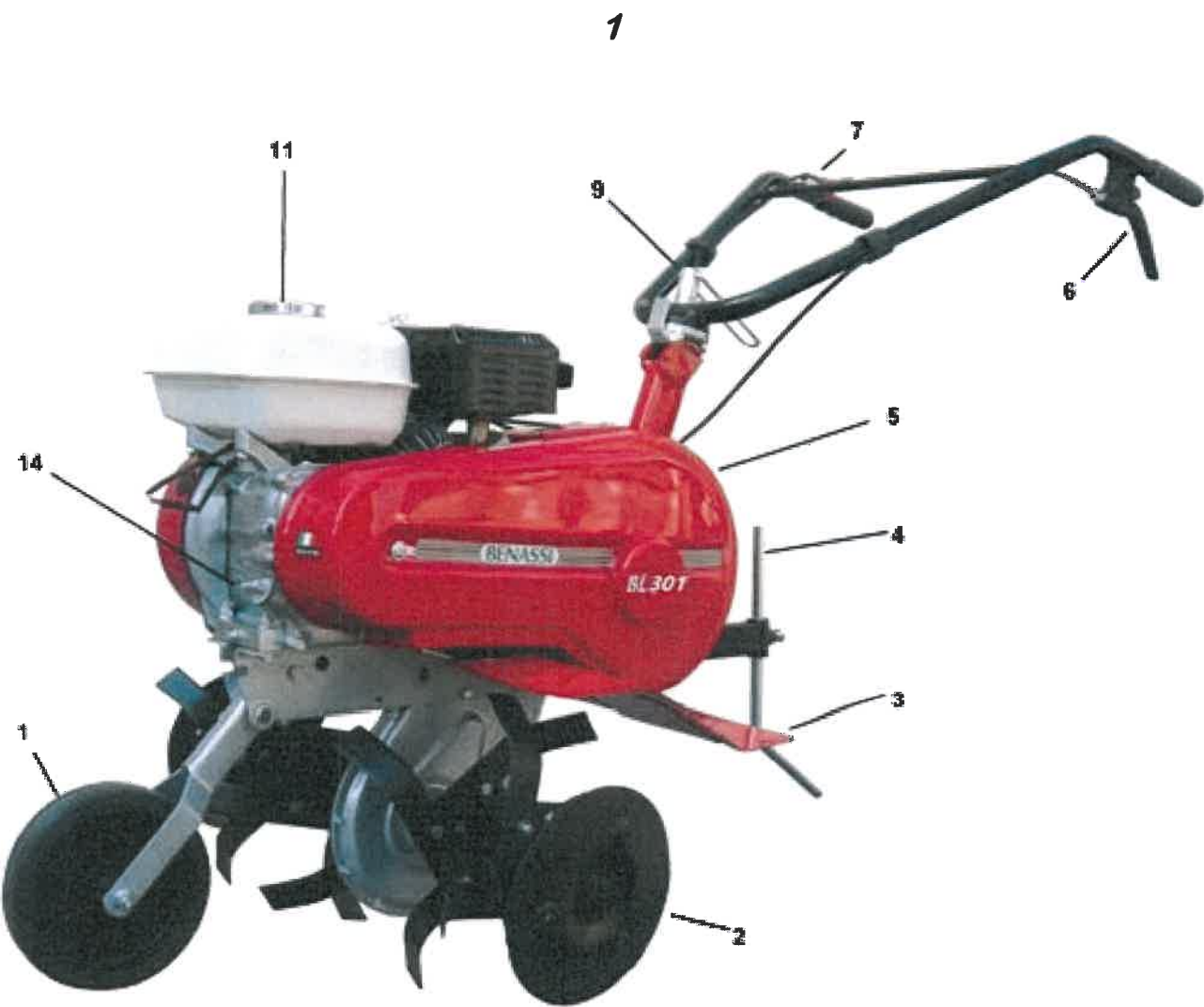


Rulli tagliaerba
Grass cutting cages



Ruote in ferro
Iron wheels





RIF. PARTI DELLA MACCHINA

- | | |
|----|--------------------------|
| 1 | Ruotino di trasferimento |
| 2 | Fresa |
| 3 | Carter fresa |
| 4 | Sperone |
| 5 | Carter protezione cinghi |
| 6 | Leva marcia avanti |
| 7 | Manettino acceleratore |
| 8 | Registro manubrio |
| 10 | Filtro aria |
| 11 | Tappo entrata carburante |
| 12 | Leva starter |
| 13 | Avviamento motore |
| 13 | Tappo entrata olio |

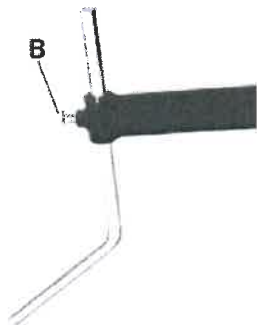
PARTS OF THE MACHINE

- | |
|----------------------------|
| Transport wheel |
| Tiller |
| Tiller protection |
| Braking spur |
| Belt cover |
| Clutch lever forward drive |
| Throttle lever |
| Handlebar adjustments |
| Air filter |
| Fuel tank cap |
| Choke lever |
| Recoil start |
| Oil cap |

2



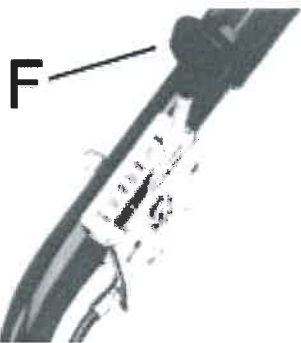
3



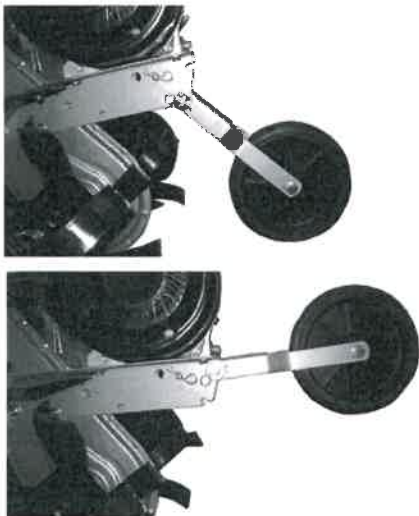
6



8a/ 8b



7



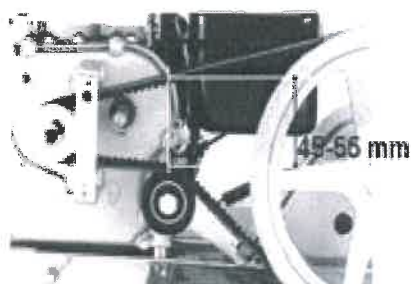
n.9



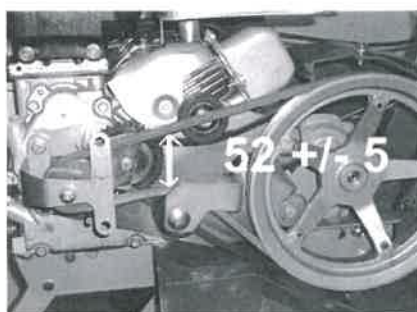
n.11



n.12



n.13



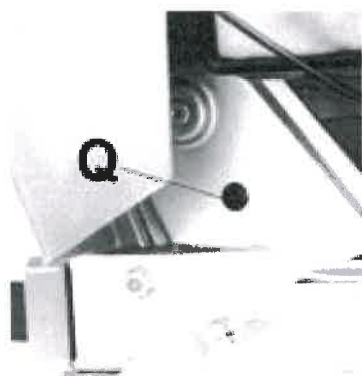
n.15



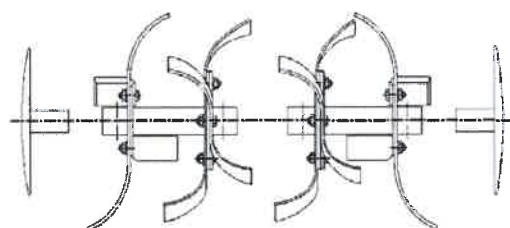
n.18



n.19



n.20



INDEX

- 1. INTRODUCTION**
- 2. TECHNICAL DETAILS**
- 3. INSTRUCTION FOR ASSEMBLY**
- 4. SECURITY TERMS**
- 5. STARTING AND STOPPING**
- 6. USE AND ADJUSTMENT**
- 7. MAINTENANCE**
- 8. EC LABEL**
- 9. WARRANTY**
- 10. EC DECLARATION OF CONFORMITY**

1. INTRODUCTION

Dear user, thank you for preferring , The top performance and the easy use of our machine should give you any satisfaction.

This machine is the result of a long experience working at the top quality standard and using first quality material.

Carefully using and servicing this machine, you will certainly get satisfactory performances for a long time.

Please read very carefully this booklet before using your machine.

The greater attention you give to our technical instructions the more reliable your machine will be. Pay special attention to the instructions marked out by the following sign



DANGER!

Failure to comply with these instructions may result insidious or even cause fatal injury.

2. TECHNICAL DETAILS

Model : BL301H - BL301L
Engine fuel unleaded petrol
Exhaust guard
Recoil starter
Dry or oil bath air filter (See engine type)

Safety device for stopping the tiller.
Single belt transmission
Greased chain
Handlebar: adjustable in different positions (height and side)
Tiller large 60 cm
Gear-box screwed (Pict. 2).
Spur it can be adjustable (Pict 3 Ref. "B").
Max working slope: 30%

Packing (carton box) 80 x 60 x 70 cm (Width x length x height)

Acoustic power level LwA = 94 dB (A)
Acoustic pressure to the operator's ear: LpA = 80 dB (A)

Vibration to handlebar with weighting UNI EN 1033 value: 3 – 5 m/sec²

FOR THE ENGINE FEATURES SEE THE ENGINE INSTRUCTION BOOKLET DELIVERED WITH THE MACHINE.

All the identification references (code number, engine, weight, power)
are printed on the number plate on the machine (Pict. 6 Ref. "D").

3. INSTRUCTIONS FOR ASSEMBLY

- Take the machine out of the carton box.
- Fit the two tillers to the main shaft using the delivered screws and nuts.
- Fit the rear spur in its place using the delivered bolt and both pins which are on the spur holder.
- Fit the handlebar on the support:
 - The model with the full-side adjustment (rack, wheel system) is fitted with the parts already mounted on the handlebar holder.
- The front wheel holder is fitted to the frame by means of two pins with cotter and spring. The small wheel has to be fitted on the holder through screw and nut. To put the small wheel in the requested position pull outwards till the pin is completely inside the buttonhole (see picture n.7).
- Fit the two guard-extensions to the main tiller protections fitted on the body of the machine using the proper screws and nuts.
- To make the transport easier it is possible to keep the handlebar disassembled, by means of the two screws in one version or by means of the thread bushing in the other one, that fix it to the handlebar holder.

4. SECURITY TERMS

**WARNING:**

Please read very carefully this booklet before using your cultivator;

Carefully using and servicing this machine, you will certainly get satisfactory performances for a long time..

FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY RESULT INSIDIOUS OR EVEN FATAL INJURY.

- The use of the machine is forbidden to persons younger than 16 years.
- The operator is responsible of any possible damage and he should always drive the machine carefully and safety.
- Before carrying the machine always empty the fuel tank.
- Before leaving the machine be sure that it is fully stopped.
- Never use the machine without heavy shoes and long transfers. Always inspect the area where you want to work taking off stones, branches, cables and any other thing which can be dangerous.
- Before start working, make sure that a radius of minimum 5 mt. is completely free.
- Clean any possible leakage of fuel.
- Fill up when the engine is off and not hot, always in an open space far from fires or any heating source and refrain from smoking during this operation.
- Before starting the machine make sure that you can quickly stop the engine and that you are familiar with the control levers.
- Never allow the engine to run in enclosed spaces where the highly toxic carbon monoxide could not evacuate.
- Never start or use the machine not completely assembled especially concerning the safety devices and the tiller protection guards which should always be completely assembled with all its extensions.
- Never fix or clean the tiller blades or any other tools when the engine is running.

Attention ! Don't' not exceed the maximum working slope.

- We are not responsible for accidents due to the wrong use of the machine neglecting the above basic instructions.

5. STARTING AND STOPPING

Starting the engine of the machine always follow these instructions very carefully:

Check the oil level in the engine :

THE NEW MACHINE IS DELIVERED WITHOUT OIL IN THE ENGINE, THEREFORE YOU SHOULD FILL IT UP TO THE LEVEL ON THE DIP STICK OF THE OIL CUP.

Please check the engine USE AND MAINTENANCE concerning the "operations before starting".

Start the engine only in open spaces.

1. Pull the choke lever on the engine.(where present is)
2. Turn the accelerator lever "F" to the "MAX" position (Pict. 8a and 8b). The switch (Ref. "K" Pict. 8b) must be "ON".
3. The clutch lever should be released in position "a" (Pict. 9).
4. Pull the starting rope by the handle "I" smoothly first than strongly: when you feel some resistance don't leave the handle but help the recoiling of the rope with your hand (Pict. 11).
5. When the engine runs move the choke lever to the initial position and the accelerator lever in the mid-position (Pict. 8a and 8b Ref. "F").
6. For stopping the engine move the accelerator lever "F" in "STOP" position (Pict. 8a) and the switch (Ref. "K" Pict. 8b) must be "OFF".

6. USE AND ADJUSTMENT

- You can start the rotation of the tiller unlocking the security device (Pict. 9) and pulling the clutch lever up to position “b” (Pict. 9) the machine will immediately stop releasing the lever.
- In this model pulling the clutch lever in position “b” the correct space of the internal sides of the belt should be of in the pict.12
- The best adjustment is when the lever of the forward or of the reverse gear in the position shown in picture 15, at a distance of about 10 mm from the knob, tightens the belt. Should this not be the case, please proceed with the adjustments mentioned below.
- If the distance is different, you should adjust the tension of the idlers by means of the register screws “L” and “M” of picture 16, so that the belts do not slide when the idlers are tightened. If this adjustment is still not enough, you can move the engine on its guides after having turned out the clamping bolts: move the engine towards the handlebar if you have to reduce the space.

In the type with full side and vertical adjustment (Pict. 18) you have to release the blocking lever “P” than adjust the handlebar position as you prefer and lock it again.

- Adding other two sets of blades you can extend the tiller (Pict. 6). The blades of the tiller-knives should always be directed ahead, towards the front of the machine.
- We recommend to use the tiller with the side plates because they improve the stability of the machine and they protect from plants and any other obstacle.
- As optional accessory the machine can fit an adjustable ridger delivered complete with its own support which should be fitted on the rear side of the machine, replacing the standard spur.

7. MAINTENANCE

- For the normal maintenance check the booklet for the engine included.
- The chain for the final transmission is lubricated with standard grease.



Every year you should introduce some grease through the hole (Pict. 19) in the main body

- Keep the machine and the tillers clean and check that all the screws and nuts are well tied, especially the screws of the tiller (always wear protection gloves working on the tiller).
- In case of breaking or wear you can replace the belt after taking off the side protection cover fixed to the frame near the engine shaft by two screws .
- In order to remove the belt of the reverse gear, it is necessary to remove the small cover by unscrewing its screw. Remove the belt from the pulleys, install the new belt and adjust it following the instructions mentioned in the chapter USE AND ADJUSTMENT by checking the distance between both sides of the belt, then replace the cover.
- The pin fixing the big pulley has also a safety purpose: in case heavy obstacle it will break avoiding damages to other parts of the machine.
- The replacement of the pin is very easy: you have to insert the new pin in the hole using a hammer.
- For any technical repair especially during the guarantee period, it is recommendable to apply to the specialized workshops of our dealers.



CAUTION

It is advised not to keep the motor running when the machine is not being used for its specific purpose

8. CE MARKING

The plate bearing the CE mark gives the main characteristics and information for the identification of the machine.

Manufacturer's details
Machine model
Serial number
Year of construction
Capacity in kW
Weight in kg

The above information must not be altered or modified in any way.

It is up to the user to keep the plate clean, legible and in good condition.
The position of the CE plate on the machine is shown in the picture 6.

9 WARRANTY

Our machines and accessories are guaranteed for 2 years excluding electric and rubber parts.

All the defective parts will be replaced free of charge excluding cost of labour and transport freight, which would be at customer's charge.

For any problem regarding the engine or any other part not of our production, please refer to the guarantee conditions stated by the manufacturer and apply to their assistance centres.

For any kind of problem or repair please apply to the dealer where you bought the machine.

EC DECLARATION OF CONFORMITY

The undersigned of the company

**BENASSI srl
VIA LAMPEDUSA, 1
40017 S.M. DECIMA (BO) ITALY**

declares under its own responsibility that the new machine

Type: **MOTOR HOE**

Model: **BL301**

Serial Number from : > **22 1501 00000**

Is conformity with the following Directives

2006/42/CE;

Applicable standard :

EN 709; EN ISO 12100

Person in charge of documentation: R. Tassinari

S.M.Decima, 01/06/2015

Roberto Tassinari
(Représentant Léga/)



Questa dichiarazione perde la sua validità se il prodotto viene modificato o trasformato senza accordo.