



# *Mulching*

**MANUALE D'ISTRUZIONE**

**OWNER'S MANUAL**

**MANUEL D'INSTRUCTION**

**GEBRAUCHSANWEISUNG**

**BRUKSANVISNING**



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## 1. EXPLANATION OF SYMBOLS



Warnings, danger and caution.



Smoking prohibited while refuelling.



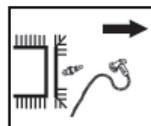
Read the operation and maintenance manual before using this machine.



Use safety goggles.



Keep unauthorised persons at a safe distance.



Remember to switch off the motor and disconnect the spark plug connector when performing maintenance.

## 2. FOR YOUR SAFETY

Read these instructions carefully and make sure you understand them before operating the unit. Follow all warnings and safety instructions. Store this book for future reference.

**1-** Adapt your speed to the conditions of the grass. Adjust motor speed to maximum when grass is low and to minimum when it is high and thick.

**2-** Use of the lawn mower is prohibited to persons less than 16 years of age.

**3-** The operator is responsible for third parties in the work area. Make sure there are no children or pets in the work area.

**4-** Before starting work, inspect the area to be treated and remove all stones, any cans or other foreign objects present. Also check where any sprinklers are placed and for any other hidden obstacles that can create hazards during cutting.

**5-** Use sturdy, closed shoes during cutting. Do not use sandals and do not cut with bare feet. Use shoes that have a good grip even when the ground is wet. Use working gloves for a firmer grip.

**6-** Before mowing, make sure that the blade is tightly fastened and that safety guards have been mounted. If defects are found, replace or repair.

**7-** Do not add fuel when you are in an enclosed area, when the motor is running or when the motor is still warm. Smoking is prohibited when refuelling.

**8-** Do not operate the mower indoors. Exhaust gases emitted by the motor are poisonous if inhaled and can be asphyxiating and, therefore, fatal.

**9-** Do not adjust the cutting height when the motor is running.

### CAUTION!

**10-** Do not put hands or feet under the mower while the motor is running. The blade is in motion when the motor is running.

**11-** Cut lawns only in good lighting conditions.

**12-** Do not run. Do not be influenced by eagerness to finish a job. Keep at a pace suited to the type of work to be performed.

**13-** Do not use the lawn mower when it is not in good condition. Repair before use.

**14-** Do not allow use of your mower by any person unless you have provided precise instructions and they have read this manual.

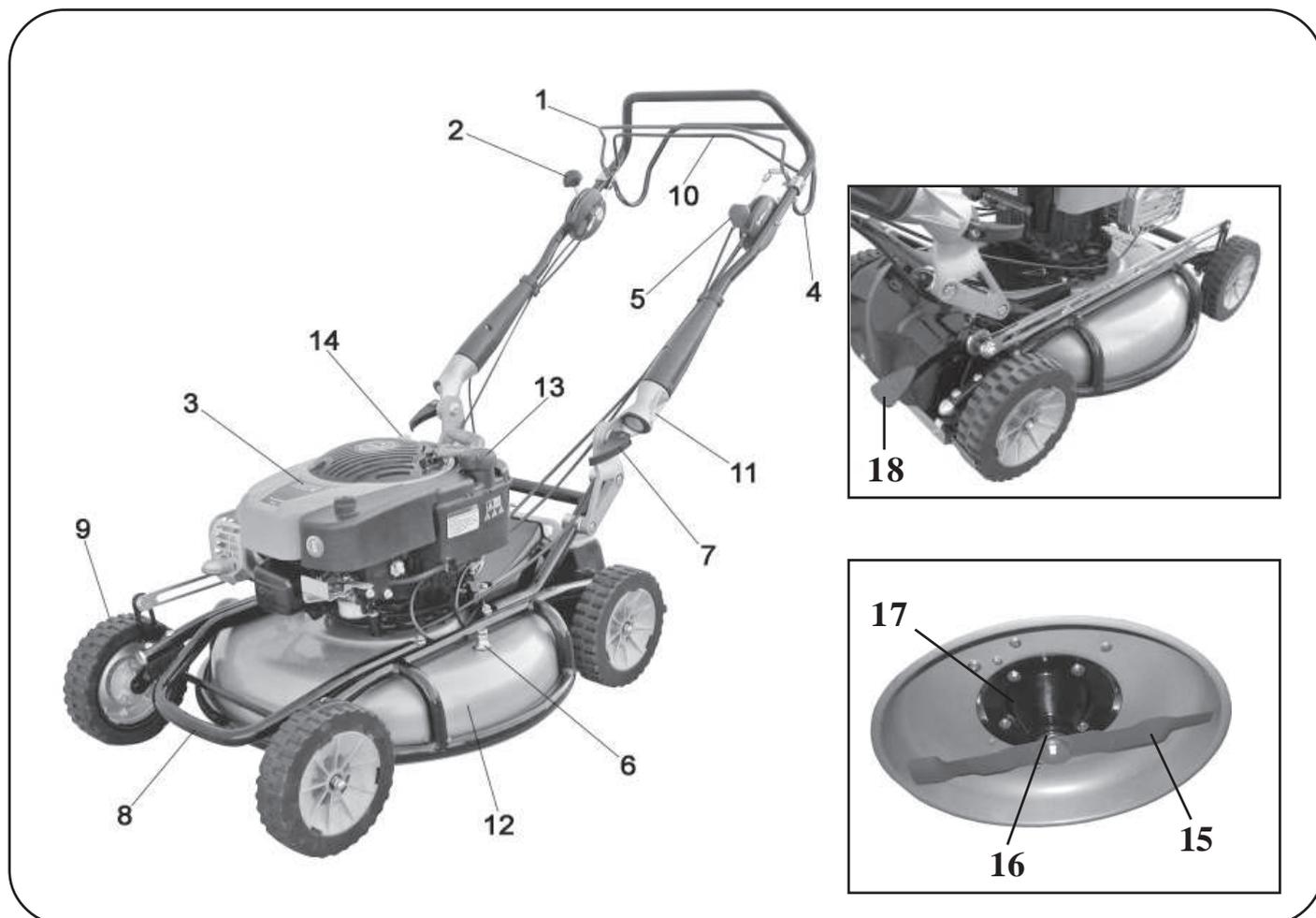
**15-** Never push the lawn mower backward (towards the operator).

**16-** When cutting on slopes, always proceed crossways and never from the top to the bottom or vice versa. Pay particular attention when changing direction. Do not cut on very steep land.

**17-** Always switch off the motor when not cutting or when crossing a side walk, a street or a road.

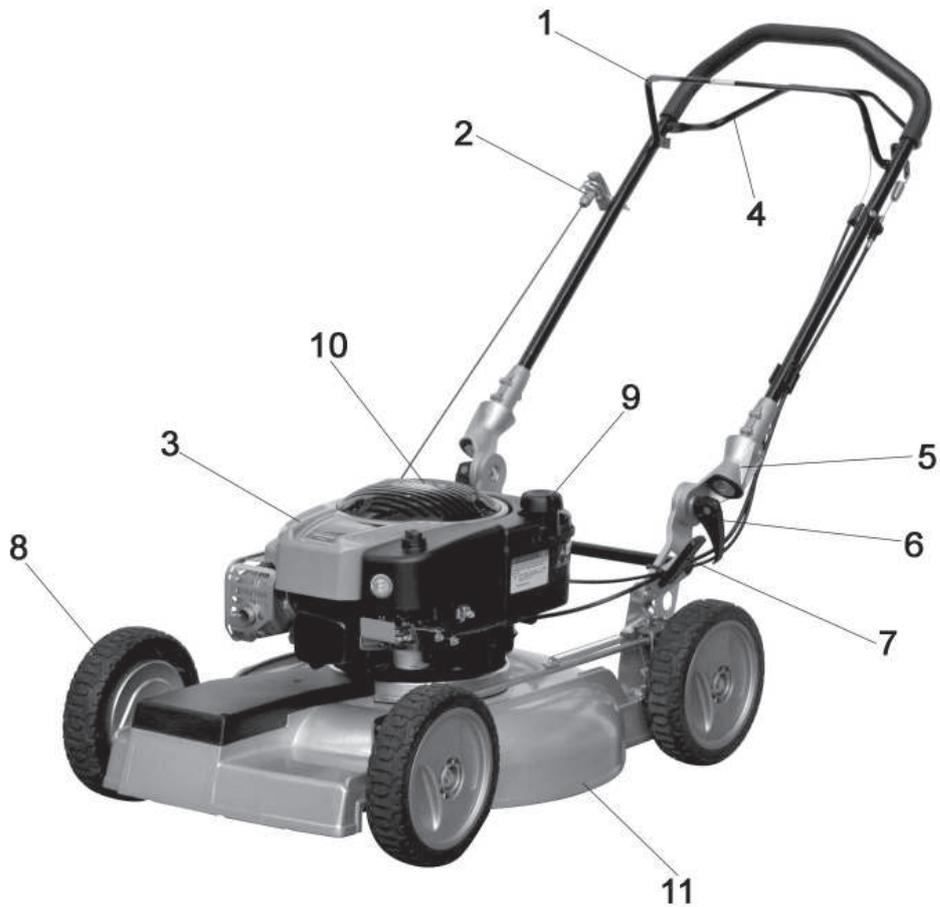
**18-** In the event that you hit an obstacle, stop the motor, disconnect the spark plug wire and check if there has been any damage. Repair any damage before restarting and operating the mower. If damage is severe, contact your nearest **IBEA** dealer.

## 3. DESCRIPTION OF PARTS

**5570 SVB**

- |                                     |   |
|-------------------------------------|---|
| <b>1.</b> Brake handle              | <b>10.</b> Cutting height adjustment handle |
| <b>2.</b> Gas control lever         | <b>11.</b> Anti-vibration buffer            |
| <b>3.</b> Engine                    | <b>12.</b> Steel body                       |
| <b>4.</b> Transporter handle        | <b>13.</b> Fuel tank                        |
| <b>5.</b> Speed regulator lever     | <b>14.</b> Oil tank                         |
| <b>6.</b> Quick water hitch         | <b>15.</b> Blade                            |
| <b>7.</b> Handlebar fastening lever | <b>16.</b> High friction coefficient discs  |
| <b>8.</b> Frame                     | <b>17.</b> Metal sheet bumper cone          |
| <b>9.</b> Wheel                     | <b>18.</b> Cutting height adjustment pedal  |

# 5370 SB



- 1. Brake handle
- 2. Start-up handle
- 3. Engine
- 4. Transporter handle
- 5. Anti-vibration buffer
- 6. Handlebar fastening lever

- 7. Cutting height adjustment handle
- 8. Wheel
- 9. Fuel tank
- 10. Oil tank
- 11. Aluminium body

## 4. START-UP

### Checks prior to start-up

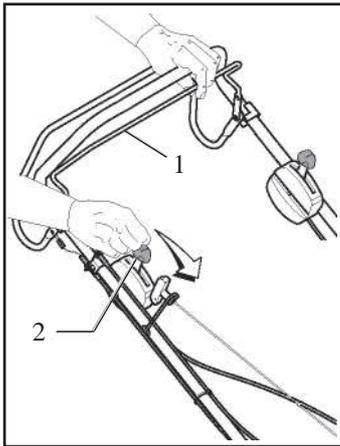
Before each start-up, check the following points and carry out any required maintenance as necessary.

- Check the oil level in the motor. Top up as necessary, taking care not to exceed the indicated level (see the instructions manual of the motor itself).
- Check set cutting height and adjust as desired (see the following chapter "Adjusting cutting height")

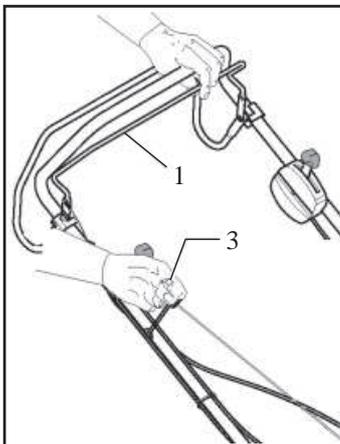
### Starting up the motor

Carry out calibration operators, then proceed with motor start-up as follows:

- Pull the brake handle (1) to start up the motor.
- Position the accelerator lever (2) in the MAX position. (mod.5570)



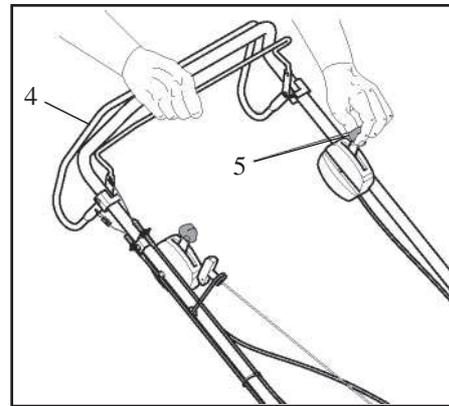
- Grip the start-up handle (3) and pull the cable without forcing it until you feel the resistance caused by the compression. Release the handle and then give a hard pull.



**CAUTION !** The blade starts working when the motor is started up.

Keep the handle (1) pressed throughout operation. When it is released, the motor will stop. For further clarification, consult the instructions manual of the motor itself.

To engage traction, push the handle (4) toward the handlebar. To stop advancement, simply release the handle itself. Only for 5570 model, you can vary speed using the lever (5). The lawn mower can be pushed forward and backward even when traction is not engaged.



**CAUTION !** Actions for varying the speed of advancement must be performed only when the **motor is running**.

### Stopping the motor

The motor and the blade stop when the brake handle (1) is released.



**CAUTION !** The blade will continue to turn for max 3 seconds.

## 5. ADJUSTING CUTTING HEIGHT

### Cutting procedure

Adapt your speed to the conditions of the grass. Adjust motor speed to maximum when grass is high and thick and to minimum when it is low.

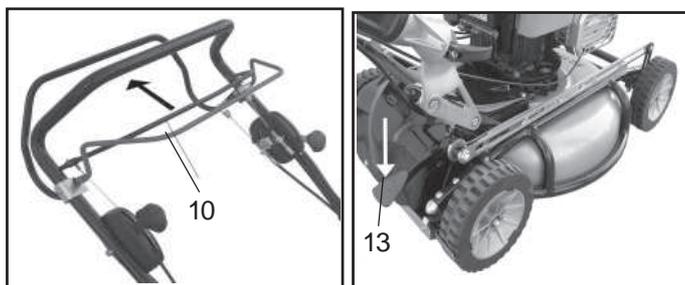
### Adjusting cutting height



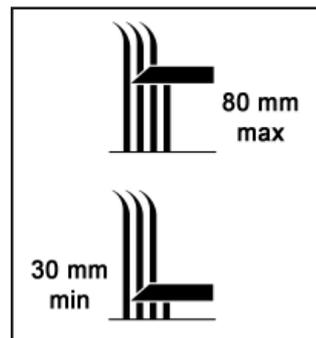
*Always stop the motor and wait for the blade to come to a complete stop.*

**Mod. 5570 :** Cutting height with centralised control.

To lower cutting height, press the handle (10) and, by means of the pedal (13), choose one of the 5 pre-set positions. Vice-versa to raise the cutting height: press and release the handle (10) and increase by 1 position. If the handle (1) is kept held down, the MAX cutting height is immediately reached.



**Mod. 5370 :** Cutting height with centralised control. Choose one of the 5 pre-set positions with the handle.



Cutting positions:

- |           |           |
|-----------|-----------|
| 1 = 30 mm | 4 = 60 mm |
| 2 = 40 mm | 5 = 70 mm |
| 3 = 50 mm | 6 = 80 mm |

### Cutting tips

The best results are obtained when no more than one third of the grass is cut.

When grass is high, use the highest cutting position for the first cut. If you want to cut the grass lower, pass over again with a lower cutting position.

If you cut to too low a level, the grass will have to utilise more energy to create new blades instead of bulking up, and will therefore be more subject to the possibility of burning in case of drought.

On the contrary, if you let the grass grow too high, the lower part will weaken and yellow.

## 6. MAINTENANCE



### CAUTION !

*Remember to switch off the motor and disconnect the start-up spark plug connector when performing maintenance.*

- a-** Frequently check the blade and screws securing the motor.
- b-** Check that all nuts and screws have been tightened so that the lawn mower is always in optimal working conditions.
- c-** Use original spare parts only.  
Do not store the mower in an enclosed space with a full tank of gasoline. Let the motor cool down outdoors after use.

- d-** Carefully read the supplied motor use and maintenance manual.
- e-** To reduce the risk of fire, make sure that the motor is clean of grass, leaves or any oil grease.
- f-** For the 5570 model, use the quick water hitch (6) to keep the internal body clean:
  - Connect the water hose to the quick hitch (6).
  - Switch on the motor.
  - Open the water tap.



- g** - Remember that gasoline is flammable. Keep gasoline in a metal canister away from heat or open flames.
- h** - Have your **IBEA** dealer service your lawn mower at the end of each season. This will ensure that your lawn mower is in good working order at the start of the next season.

- i** - Make sure that original **IBEA** spare parts are used for repairs. This will allow you to maintain the quality of your lawn mower at the same level as when you bought it.

## 7. CHECKS AND ADJUSTMENTS



### CAUTION!

Remember to switch off the motor and disconnect the start-up spark plug connector when performing maintenance.

### Check - Removing and sharpening the blade

- a** - Stop the motor. Disconnect the spark plug cable to avoid any sudden and unwanted motor start-ups.
- b** - Fold the mower on the left side or on the opposite side to the spark plug to avoid clogging problems.
- c** - **Check:** carefully examine the degree of sharpening and wear on the blade, especially near folds.
- d** - Since sand or other material can cause wear, frequently check the blade. If abnormalities are detected, replace the blade.



**CAUTION!** Excessive blade wear can cause the formation of deep cracks and the detachment of some of its pieces, causing serious danger to the operator and any persons present in the work area.

- e** - **Check:** tightly grip one end of the blade (wear gloves to prevent cutting), unscrew the bolt (7), remove the washer (8) and then the blade (9).



- f** - **Sharpening:** sharpen the blade if the cutters are deteriorated and the blade is in good condition. Use a grindstone for sharpening and check that the blade is still balanced after this operation. Excessive vibrations will be caused if it is not balanced. Be careful not to cut yourself. Contact an **IBEA** service centre with any questions.
- g** - Assemble the blade (9) centring it on the support. Position the washer (8) and tighten the bolt (7). (Tightening torque = 55 Nm)

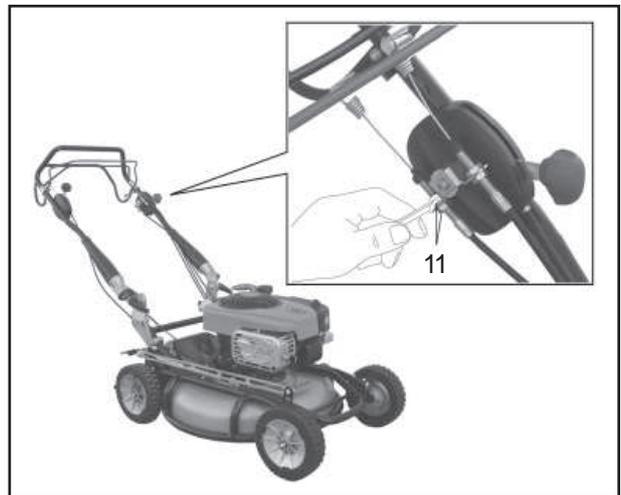
### Motor lubrication

Consult the motor manufacturer use and maintenance manual.

### Transporter cable adjustment

Adjust the transporter engagement cable at first use. In any case, this must be adjusted only in the event that, with the motor running, upon transporter handle operation the wheels fail to provide a prompt response and it seems that the clutch is slipping.

Adjustment is carried out by loosening the 2 nuts (11), turning the upper nut twice in a counter-clockwise direction, and then re-tightening it with the counter-nut. This operation can be repeated if it does not prove effective.



### CAUTION!

Excessive pressure on the cable may result in transmission breakage.

After regulation, always check that the rear wheels rotate freely with the motor off and when pulling back the machine without operating the transporter handle.

### Transmission oil

Check transmission oil via the drain plug (Mod.5570) and change every 500 working hours.

**MOBILFLUID 424 / API GL 4 OIL**

45 ml = 500 h



## 8. WINTER STORAGE

### Procedure for winter storage

Follow the instructions below to prepare your lawn mower for storage at the end of the season.

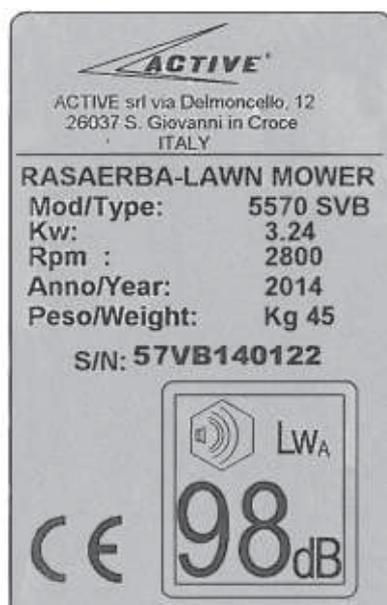
Refer to the motor manual for directions for preserving the motor.

Regarding the machine, follow the operations below:

- a) Stop the motor. Disconnect the spark plug cable and turn the mower on the opposite side of the filter and thoroughly clean the underside of the deck.
- b)
  - Remove any accumulation of grass with a screwdriver.
  - Connect the water hose to the quick hitch.
  - Reconnect the spark plug cable.
  - Switch on the motor.
  - Open the water tap to thoroughly clean the underside of the body.
  - Let dry.
- c) Completely empty the fuel tank outdoors and store gasoline in a separate canister.
- d)
  - Unscrew the spark plug.
  - Through the hole, spray a protective lubricant in the cylinder and gently pull the starter cord so as to move the piston and evenly distribute the liquid.
  - Screw back on the spark plug.
- e) Disconnect the spark plug cable again and store the lawn mower in a dry place, covering it with a sheet to protect it from dust.

## 9. ID LABEL

### 5570 SVB



### 5370 SB



## 10. TECHNICAL DATA

**5570 SVB****5370 SB**

|  |   |   |
|--|---|---|
| <b>Engine Type</b>                         | Single cylinder - OHV<br>4T - air cooled  | Single cylinder - OHV<br>4T - air cooled  |
| <b>Engine Manufacturer</b>                 |  |  |
| <b>Engine model</b>                        | 850e SERIES™  | 800e SERIES™  |
| <b>Gasoline tank capacity</b>              | 1,1 Lt  | 1,1 Lt  |
| <b>Oil tank capacity</b>                   | 0,6 Lt  | 0,6 Lt  |
| <b>Engine capacity (cc)</b>                | 190   | 175   |
| <b>Start</b>                               | Rewind start  | Rewind start  |
| <b>Push/Self propelled</b>                 | Self Propelled  | Self Propelled  |
| <b>Gear box</b>                            | Variable speed  | 1 Speed   |
| <b>Wheels</b>                              | Aluminium   | Aluminium   |
| <b>Front wheel diameter (mm)</b>           | 205   | 203   |
| <b>Rear wheel diameter (mm)</b>            | 205   | 203   |
| <b>Quick water hitch</b>                   | Yes   | No  |
| <b>Deck</b>                                | Steel   | Aluminium   |
| <b>Blade length (mm)</b>                   | 53  | 51  |
| <b>Cutting height (mm)</b>                 | 30-70   | 25-80   |
| <b>Cutting height positions</b>            | 5   | 6   |
| <b>Cutting height adjustment</b>           | Central   | Central   |
| <b>Front bumper</b>                        | Yes   | No  |
| <b>Maximum vibration (m/s<sup>2</sup>)</b> | 3,6   | 3,6   |
| <b>Speed (Km/h)</b>                        | 2,5 ---> 3,8  | 3,5   |
| <b>Noisiness (db)</b>                      | 98  | 98  |
| <b>Weight (kg)</b>                         | 45  | 42  |

## 12. WARRANTY CERTIFICATE

This machine has been designed and produced with the most advanced technology. The manufacturer uarantees its products for 24 months from the date of purchase, with the exception of product for continuous professional service, used for third parties witch are guaranteed for 12 months from the date of purchase.

### LIMITED WARRANTY

**1)** Warranty starts on the date of purchase, the manufacturer will supply free of charge any part defective in materials and workmanship. **IBEA** warranty does not provide for the replacement of the machine.

**2)** Product failures will be scheduled and repaired according to the normal work flow; any possible delay cannot lead to damages nor to an extension of the warranty period.

**3)** Claims under warranty will be accepted on submission to your Authorized Service Dealer of the completed and duly stamped. Warranty Certificate together with the original purchase document stating the date of purchase.

**4)** Warranty fails in case of:

- evident lack of maintenance;
- incorrect use of the machine or tampering;
- use of incorrect fuel and or lubricants;
- use of non-genuine parts;
- repairs made by unauthorized service people.

**5)** Parts subject to wear and tear such as cutting items, clutch or cutting safety devices filters etc., are not covered by guarantee.

**6)** **IBEA** warranty does not cover piston - engine, this is covered by the engine manufacturer (see the engine manual in the boxe).

**7)** Claims for damages incurred during transportation have to be immediately reported to the carrier: failure to do so will invalidate the warranty.

**8)** Should any failure occur during or after the warranty period, customer has not the right to interrupt payment nor to a price discount.

**9)** The manufactorer is not responsible for any direct or indirect damage caused to persons or things by failures of the machine or by a forced suspension in its use.

|                 |                    |
|-----------------|--------------------|
| <b>MOD.</b>     | <b>DEALER</b>      |
| <b>S.N. n.°</b> |                    |
| <b>DATE</b>     | <b>BOUGHT BY :</b> |