



BLUEBIRD INDUSTRIES

DOMINO - ALHAMBRA



READ CAREFULLY THIS WORKBOOK BEFORE USING THE MACHINE

EN

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1.0 INTRODUCTION

1.1 Recommendation

This manual, together with the EC certificate of conformity, must be considered integral part of the machine and as such be well conserved.

If ownership is transferred, it must be delivered to the last owner.

The following information, together with that contained in the engine manual, is supplied to make your work less tiring and safer and keep your purchase in good state.

We recommend to read the instructions carefully before starting up. This will enable you to work safely and without problems.

1.2 Safety warnings

In these operating instructions we have indicated all the points which concern safety with this symbol:



Warning symbol.

When you see this symbol, pay attention to the risk of accidents, read the following message carefully and inform the other users.

Before use, get to know the machine by studying the operating instructions.

Make all the persons who work with the machine read the operating instructions.

The use of the machine is not permitted to persons under 16 years of age. The operator is responsible towards third parties in the work zone of the machine. The supplied protective devices must be used.

1.3 Provided conditions of use

The machine was designed to cut grass and small shrubs in farms or forests, driven by a single competent operator.

Consequently, its use in different conditions or for different purposes from those provided will be considered incorrect.

The machine can work in all the slope conditions provided by the engine constructor provided that the operator is always able to govern the machine with a good safety margin, for himself and those around him.

The provided protections comply with the EN12733 community standard.

They were designed taking into consideration, in particular, all the safety of the operator who, in normal driving conditions, cannot be reached by direct projection of stones or other objects launched by the rotating system. He must therefore always remain in the normal driving position, behind the machine, with both hands firmly placed on the grips.



WARNING: the manoeuvring position can only be abandoned with engine switched off and all members immobile.

1.4 Controls

Throttle

The throttle is situated on the control panel of the handlebar. Besides regulating the engine revs, it controls the switching off of any starter. For its use read the operating manual of the engine.

Speed selector (Only available on ProSpeed version)

The control is situated on the rear part of the machine.

The speed selection takes place in the following manners:

1. Slow speed: knob pushed to the bottom towards the machine.
2. Intermediate speed: knob at half stroke.
3. Fast speed: knob pulled completely towards the operator.

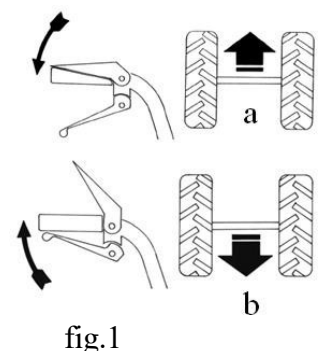
Feed control (fig. 1a)

It is situated on the left end of the handlebar. When the lever is pushed down, traction is coupled and the machine starts to move forward; when it is released, the machine is in idle position.

Reverse gear control (Only available on ProSpeed version) fig. 1b

It consists of the lower lever situated on the left end of the handlebar.

When it is pulled up the machine moves back; when it is released, the machine is in idle position.





WARNING: do not use this control together with the feed control, in order not to damage the transmission members.

Wheels brake control (Only available on ProSpeed version) fig. 2

It consists of the lower lever situated on the right end of the handlebar. When it is pulled up, the braking action on the wheels is obtained. Use the brake only with the machine in neutral.



fig.2

Parking brake (Only available on ProSpeed version)

To drive this control, pull the wheels brake lever and connect the stop spring situated on same. Remember to disconnect it before using the machine.

Mowing machine control (fig. 3)

It is situated on the right end of the handlebar. When the lever is pressed down the mowing machine is coupled; when it is released, the mowing machine is disconnected from the engine and simultaneously locked by the brake.

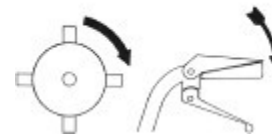


fig.3

1.5 Safety signs



Warning, danger, caution.



Read the documentation and safety instructions for the product provided in the manual.



Moving blades. Do not put hands or feet near the blades.



Disconnect the spark plug cap and keep the cap away from the plug to prevent accidental starting.



Never use the machine while people, especially children or pets, are nearby.



Risk of intoxication.



Risk of fire or explosion.

2.0 SAFETY AND RISKS

This chapter must be read with close attention by anyone who must use the machine. It indicates the risks to which the operator and the persons or animals or things around him may be exposed, and how to behave to avoid them.

2.1 Risk of thrown stones or other objects

Since stones or other objects might be thrown, it is absolutely necessary that there are no persons or animals in the radius of 15 metres.

According to the EN12733 European standard, it is necessary to define a safety area A outside the work perimeter B, with suitable danger signals which clearly indicate that it is prohibited to enter the area (fig. 4). The distance between the respective sides of the areas A and B must not be less than 15 m. The operator must immediately release the lever which driver the mowing machine if a person or animal has entered the danger zone and wait until the area is newly free before resuming work.

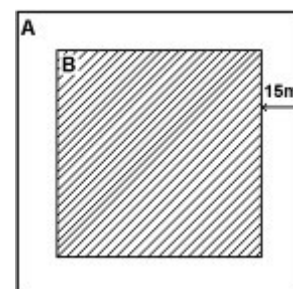


fig.4

2.2 Risk of cuts

The mowing machine presents the risk of cuts. The safety brake controlled by the right-hand lever (mowing machine control) stops the cutter in a few seconds but is not instantaneous. Therefore, once the operator has released the right-hand lever, he must not leave the driving position until the disk is perfectly stopped. Start the machine keeping the feet far from the cutter.



WARNING: approach the mowing machine only with engine switched off and all members perfectly stopped.

The operator must immediately release both control levers if a person or animal has entered the danger zone of the machine.

2.3 Risk of fall on sloping terrain

If possible, avoid using the machine on wet grass. Always be sure of your steps when working on slopes. Walk, never run. Take great care during changes of direction on slopes. Do not cut on excessively accentuated slopes. If you fall, leave the machine without trying to withhold it.

2.4 Risk of pulling a muscle or contusions

A jerky starting manoeuvre may cause injuries if arm movement is hindered. Check that there is sufficient manoeuvring space. The manoeuvre may cause the pulling of a muscle if the grip is not stable and the movement sufficiently decided. Pull the cable only with engine switched off, with the machine and body in stable position.

2.5 Risk of fumes intoxication



Do not make the motor function in a closed space to avoid the accumulation of carbon monoxide fumes.

2.6 Risk of fire

The risk of fire derives from the fuel.



WARNING: petrol is highly inflammable!

Store the fuel in a container used exclusively for this purpose. Always refuel in the open air and do not smoke during this operation. Refuel before starting the engine. Never open the tank plug or add fuel when the engine is in motion or still warm. If petrol emerges, do not try to start the engine but move the machine from the zone where the petrol is to avoid creating a source of fire until the petrol vapours have dispersed.

2.7 Risk of burns

Some parts of the engine may easily overheat. In particular, the silencer, situated on the engine side, normally reaches very high temperatures and therefore a protection limits is possibilities of access. If dismantled, check that it has cooled.

2.8 General risks

Remember that the movements of children and animals are particularly unpredictable.



WARNING: do not cut grass if persons, especially children, or animals, are present.

If the machine does not possess the parking brake, it must not be left, even momentarily, in slope.



WARNING: do not leave the machine during the work phases or temporary stop.

At the end of the work the machine must be left in a place which cannot be reached by unauthorised persons.

2.9 Suitable clothing

During the cutting operation always wear strong shoes and long trousers. Never operate the machine with bare feet or sandals. The use of goggles is recommended to avoid being struck by bouncing stones or other objects. If the work is carried out on dry and dusty terrain, a dust-filtering mask must be worn.

3.0 HOW TO PREPARE THE MACHINE

3.1 Standard equipment

The machine is equipped with:

- operating and maintenance manual (the one you are reading);
- engine operating and maintenance manual;
- EC certificate of conformity;
- set of keys;

3.2 Machine assembly

If the machine reaches you with its original packaging, you must first assemble the wheels, following the diagram indicated in the part 3.5. Then straighten the handlebar on its support and tighten the fixing knobs, taking care that all the control cables make smooth curves. Choose the tooth combination to ensure that the grip height from ground is comfortable for the operator.

3.3 Protection assembly

According to the version, some protections may be supplied separately from the machine. In this case they must be assembled before starting the machine, following the enclosed instructions.



WARNING: all the protections must be correctly applied to ensure that the operator is protected in the driving position. Never use the machine if the protections are not correctly installed and in good state.

3.3.1 Assembly of the rear protection flap on the Domino T:

It is essential to mount always the provided protections for the safety of the operator.

With reference to the drawing in fig.5 proceed as per the following indications:

- Place the protection (part. 1) on the rear closing cover (part. 4) making sure it matches the hole.
- Fix the slat of the protection flap to the cover with two screws TE M6x18 and the washers (part. 2 and 3), fastening everything with two self-locking M6 nuts (part. 5).

3.3.2 Assembly of the upper protection black sheet on the Alhambra:

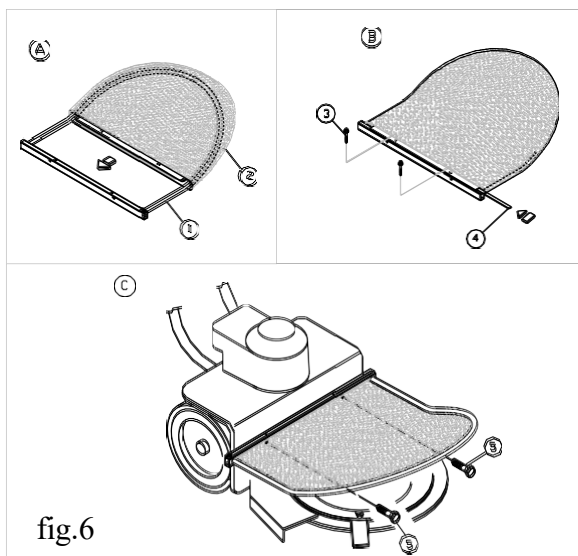


fig.6

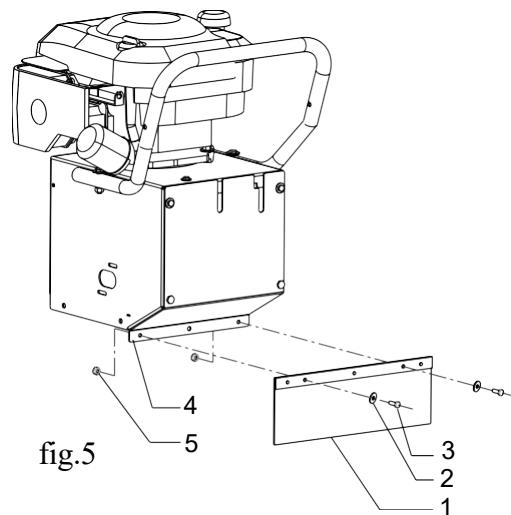


fig.5

The assembly of the protections provided for the operator is indispensable.

With reference to the drawing in fig. 6 proceed as per the following indications:

- Spread out the sheet (2) on a plain surface and insert it on the arched support (1).
- Insert the rod (4) into the rolled hem of the sheet so that it matches the 2 roles on the rod, on the sheet and on the support frame and fix with the two screws (3).
- Make sure to close the sheet ends thanks to the Velcro strips.
- Finally, secure the frame to the machine's main body with the two M8x35 TE screws (5) and their nuts.

3.4 Assembly of the Alhambra slides

Follow the assembly scheme in fig.7.

A04015		
1	N01002	Hex screw 6x12
2	N10005	Hex crownlock nut 6x6
3	F04125	45 mm.cutting height shoe
A04023		
1	N01002	Hex screw 6x12
2	N10005	Hex crownlock nut 6x6
3	F04145	80 mm.cutting height shoe

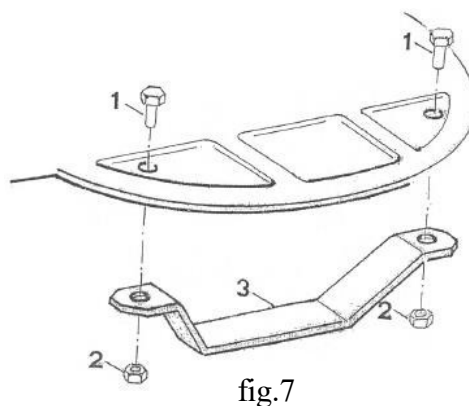


fig.7

3.5 Wheels assembly

Follow the assembly scheme in fig.8.

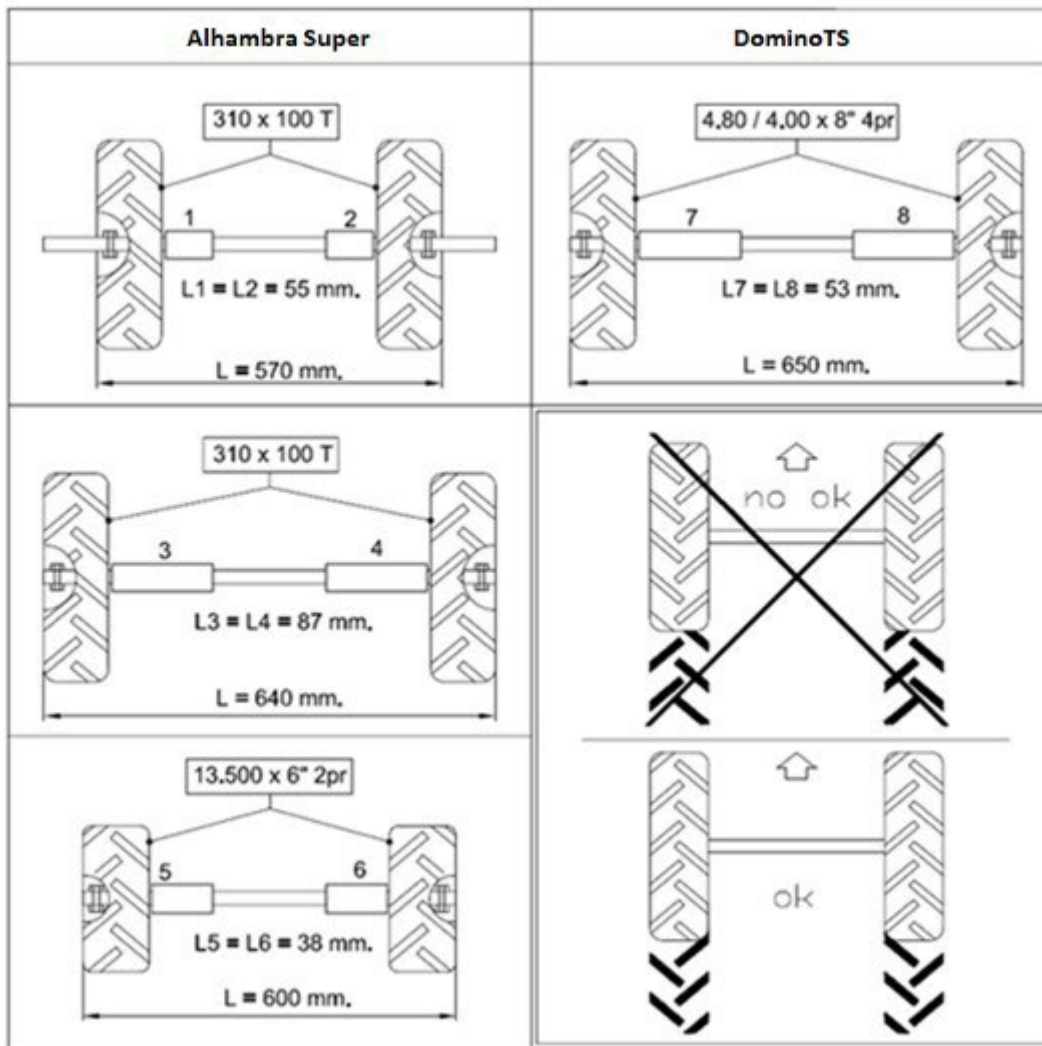


fig.8

3.6 Application assembly (only series DOMINO)

Series DOMINO is supplied without mowing machine and is preset for the application of different types of devices (see Applications chapter). The applications are supplied separately from the machine. The application pack contains the specific compulsory protections and eventual assembly supplementary instructions.



WARNING: all the protections provided for the use of the application must be correctly assembled to ensure that the operator is protected in the driving position. Never use the machine if the protections are not correctly installed and in good state.

3.7 Refuelling

For the type of fuel and the position of any cock, refer to the engine constructor's instructions, shown in the engine operating and maintenance manual.



WARNING: check the level and quality of the indicated engine oil making reference to the manual of the engine use and service.



WARNING: As the engine is dispatched with no oil, don't forget to introduce this before starting the machine. Make reference to the engine manufacturer indications, as reported in the use and service manual of the engine.

4.0 HOW TO START THE MACHINE

After having read the operating and maintenance instructions of the machine and engine carefully, proceed as follows:

- A) **check the oil level (in case fill up);**
- B) refuel;
- C) open the petrol cock in the models equipped with it;
- D) put the throttle in start position as prescribed by the engine operating manual;
Note: some versions have a separate primer which must be pressed some times.
- E) go to the back of the machine, at the height of the handlebar grip, firmly grasp the grip of the starting cord and pull rapidly and decisively;
- F) a few seconds after the engine starts, move the throttle to MAXIMUM position;
- G) firmly grasp both ends of the handlebar.

At this point the machine is ready to work.

5.0 HOW TO USE THE MACHINE



WARNING: never work continuously with the machine angled more than 15° (in any direction) in order to avoid serious engine damages caused by the problematic lubricant intake. For any clarification refer to the use and service manual of the engine.

Read the instructions carefully. Get to know the controls and the correct use of the machine. Never allow children or persons who have not read these instructions to use the machine. Work with the awareness that the operator is responsible for the accidents or injuries caused to the persons or their property. Before starting work, inspect all the zone to be cut, checking the existence of stones, pieces of wood and any other foreign object, removing or avoiding it during work.



WARNING: when the engine is switched on never approach the mowing machine, do not insert your hands between the engine and wheels.

During machine operation, ensure that no other persons are in front or at the sides of the machine, where some stone or other object might be thrown from the mowing machine. Only cut in daylight or in good artificial lighting. Never use the machine if the crankcase or protections are faulty or without safety devices. Do not change the setting of the engine revs regulator. Do not overturn the machine during starting. Never lift or transport the machine with the engine in motion.

Switch off the engine, detach the spark plug cap and wait for the disk to stop in the following cases:

- A) before cleaning the obstructed parts;
- B) before checking, repairing or cleaning the machine;
- C) after having hit a foreign body. Inspect the machine to check if it damaged and repair it before restarting it and making it re-operate;
- D) if the machine starts to vibrate in anomalous manner. Check immediately;
- E) before installing or removing accessories or applications.

Switch off the engine and wait for the disk to stop:

- A) before leaving the machine;
- B) before refuelling.



WARNING: To avoid the quick wear of the transmission belt, don't let the engine run without the cutting blade being actioned during the stops!
We suggest you therefore to switch the engine off during the machine stop.

5.1 Running-in

Initially it is opportune not to use the machine non-stop for particularly heavy works (cutting of very dense grass) for a long time. Note: it is never recommended to use the machine at low speed as the engine is already set to function at full speed.

5.2 Transfer

The transfer of the machine from one place to the other must be made when it is at a standstill, possibly keeping the front part of the machine slightly raised.

6.0 HOW TO SWITCH OFF THE MACHINE

To switch off the engine, release the traction controls of the mowing machine and move the throttle towards the STOP.

7.0 MAINTENANCE

7.1 Inspections

Each time the machine is to be used, check that all the screws and nuts are correctly tightened. Check that the protections are always in perfect state. Check that any blades, relevant bolts and the group of mowing parts are not worn out or damaged. Substitute any worn out or damaged blades and relevant bolts with original spare parts, in order to conserve their balancing. Substitute the exhaust pipe, if in bad state. Substitute the worn or spoiled elements to keep the machine safe. The oil level in the four-stroke engines must be within the limits prescribed by the engine operating and maintenance manual.

7.2 Ordinary maintenance

Engine oil

The lubricating oil of the four-stroke engines must be changed periodically; follow the engine manual. To discharge the oil, remove the stick gauge and slope the machine on the side so that the oil loading/discharging pipe faces downwards; it is recommended not to disperse the depleted oil in the environment.

Air filter

The air filter should be cleaned and changed periodically; follow the engine manual.

Spark plug

Change the spark plug once a year, at the start of the season.

When changing the spark plug, scrupulously use the types prescribed in the engine manual.

Gearing chain

The chain which moves the wheels must be inspected and greased at least every 100 working hours removing the rear closing.

Cleaning of the machine

Cleaning must be carried out each day, whenever the machine is used. To clean the use it is advisable not to use a direct water jet, especially if facing the engine.

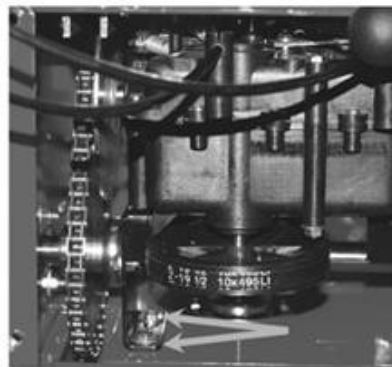
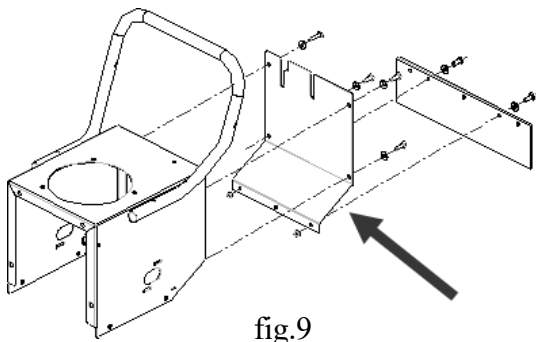
Engine

For engine maintenance, read the relevant instructions manual carefully.

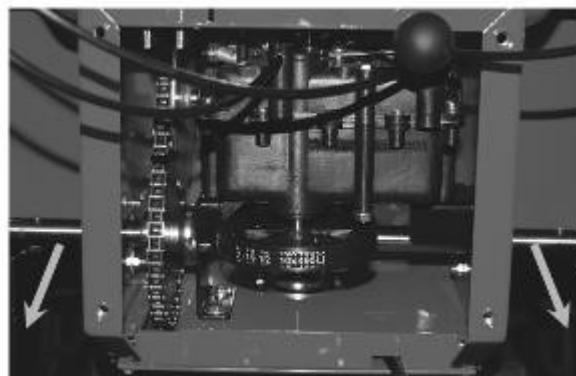
Regolazione tensione cinghia

Whenever necessary adjust the tension of the belt operating the following way:

1. Remove the rear closing cap of the machine (fig. 9):
2. Loosen the two screws of the gear box support (fig. 10):



3. Loosen the screws fixing the two bearing supports of the wheels axis (fig. 11):
4. Pull the wheels axis so as to tighten the belt (fig. 12):



5. Fix the 4 screws of the two bearing supports of the wheels axis; check if the belt has reached the correct tension (fig. 13):



fig.13

6. Fix the 2 screws of the gear box support and close the rear closing cap of the machine (fig. 14):



fig.14

7.3 Extraordinary maintenance

Any mechanical operation must be carried out by specialised staff. Consult the retailer to know the name of the nearest service centre.

Any modification to the machine not explicitly authorised by the constructor or the use of non-original spare parts relieves the constructor from any responsibility or commitment.



WARNING: STOP THE ENGINE WHENEVER CARRYING OUT MAINTENANCE. MAKE SURE THE BLADE AND ALL THE MOVING PARTS ARE NOT IN MOTION.

Belt substitution

Disk movement transmission belt

It is housed in the body of the mowing machine, with access from the lower side. Use only original belts.

Wheels movement transmission belt

It is situated below the engine. To substitute it, it is necessary to remove the axle below the engine. Use only original belts.

7.4 Machine controls re-establishment

Here is described the position of the adjustment screws that allow the machine controls re-establishment (fig. 15).



WARNING: the malfunction or the missed adjustment of every machine control may cause serious injury and damages to third parties. In every case of doubtful functioning contact the referenced Authorized Centre before proceeding to use the machine.

Pressing the adjustment screws should normally be done periodically as due to the wear of the drive belts it is necessary to stretch them correctly, so as to have the full re-establishment of the machine controls.

In case it is not anymore possible to adjust a register, that means that the belt of that drive is to be replaced.



WARNING: the cutting devices ends are sharp. Use stout gloves to avoid cutting injury.



WARNING: the manoeuvre place can be left only with engine off and all organs unmoving.



WARNING: when the engine is on don't get close to the cutting device nor put the hands between engine and wheels.



Disconnect the spark plug cap and keep it far from the spark plug to avoid an incidental start.



ATTENZIONE: STOP THE ENGINE EACH TIME THE ADJUSTMENT OPERATIONS ARE PERFORMED. MAKE SURE THE BLADE AND ALL THE MOVING PARTS ARE STOPPED .

- A. Wheels brake adjustment control (available only on Prospeed): when by pulling upwards the I lever the machine progressing doesn't stop, press the A adjustment exposing the adjustment screw protected by the special loose cover. Adjust using the key in equipment until the machine stop is re-established.
- B. Cutting device brake control adjustment : when by releasing the E control the cutting device doesn't stop press the B adjustment, exposing the adjustment screw protected by the special loose cover. Adjust using the key in equipment until the brake operation of the machine is re-established.
- C. Cutting device adjustment control :when by pushing the I lever downwards the machine cutting device isn't engaged press the C adjustment, exposing the adjustment screw protected by the special loosen cover. Adjust using the key in equipment up to the correct re-establishment of the cutting device.



fig.15



WARNING: the malfunction or the missed adjustment of the brake control of the cutting device may cause serious injury and damages to third parties. In every case of doubtful functioning contact the referenced Authorized Centre before proceeding to use the machine.

- D. Reverse adjustment control (available just on Prospeed) : when by pulling the G lever upwards the machine reverse doesn't couple press the adjustment D, exposing the adjustment screw protected by the special loose cover. Adjust with the key in equipment until the re-establishment of the machine reverse.
- E. Progress adjustment control : when by pushing the H lever downwards the machine progress can't be coupled press the adjustment E, exposing the adjustment screw protected by the special loose cover. Adjust with the key in equipment up to the re-establishment of the progress.

8.0 TRANSPORTATION

To reduce machine bulk during transfer or shelter, the handlebar may be folded by slackening the two fixing knobs, taking care that the cables make smooth curves. The lifting operation of the machine must be carried out by at least two persons, grasping the sides of the machine.

9.0 SHELTER

Never shelter the machine with petrol in the tank inside a building where the vapours may be reached by a flame or spark. Let the engine cool before putting the machine in any room. During the idle period of the machine, put it in a dry, ventilated place, covering it with cloth. This place must not be inadvertently reached by unauthorised persons. Avoid fuel stagnation in the tank and carburettor for long periods.

10.0 APPLICATIONS (only series Domino)

Some accessories, available on request, make the work easier and more efficient, adapting the machine to particular situations. The assembly and use instructions of the accessories are supplied together with same. Eventual additional instructions for the accessories assembly and use can be supplied together with the accessories. At the moment of publication, the available applications are:

10.1 Blade application 53

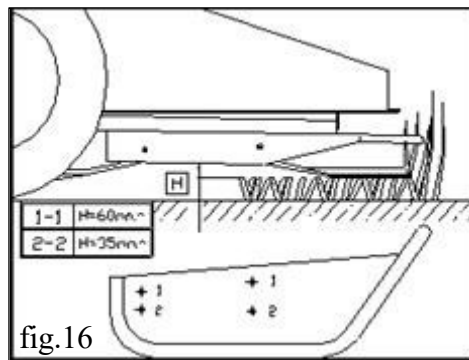
It permits the cutting of thick grass and dry twigs, grinding the vegetation left on the terrain. It is equipped with a supporting chute which makes it possible to adjust the cutting height on two positions (fig. 16). Cutting width 53 cm.



WARNING: the assembly of the application needs great care and must be carried out by competent person.

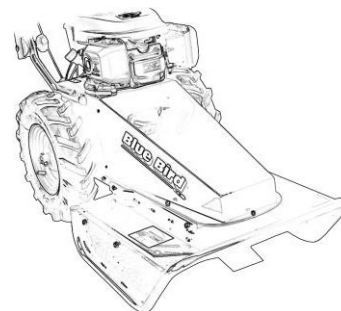


Disconnect the spark plug cap and keep it far from the spark plug to avoid an incidental start.



Assembling the attachment (figg. 17-18)

- 1) Lift the front part of the machine and let it rest on the ends of the handlebar.
- 2) Remove the attachment, if present, on the basis of the specific instructions.
- 3) Place the blade cover of the application (part. 15) under the plate (see drawing) of the machine.
- 4) Insert the threaded shaft (part. 13) on the corresponding holes of the blade cover (part. 15) and the plate (see drawing) and fix it with the provided nuts (part.14).
- 5) Fasten the blade cover with two screws (part. 11) to the plate (see drawing) of the machine.
- 6) Insert the blade support (part. 8) in the hole of the blade cover making sure the key (part. 9) is positioned correctly.
- 7) Place the two cup springs (part. 7) on the blade support (part. 8) and make sure their bulge faces towards the blade on one side and towards the cover on the other side (see drawing).
- 8) Place the blade (part. 6), between the two blade flanges (part. 5), and assemble it between the ring nut (part. 3) and the blade support (part. 8), under the two cup springs already preassembled. Make sure that the sharp profile of the blade faces downwards, towards the ground.



WARNING: the tips of the blade are sharp! Use strong gloves to avoid cut wounds.

- 9) Screw carefully the blocking screw of the blade (part. 1) and the washer (part. 2) fastening all the parts tightly, **using the provided spanner and make sure that the two pins (part. 4) of the ring nut fit correctly into the slots of the blade support (part. 8).** Turn manually the blade to verify that it does not come into contact with the parts of the machine.
- 10) Now assemble the slide (part. 20) fixing it on the side holes of the blade cover with its four screws (part. 16) two on each side, with washers and nuts (part.18 and part. 19).
- 11) **Adjusting the cutting height:** after having carefully read the instructions listed on the machine manual, you may adjust the cutting height acting on the side holes of the slide and choosing the height of the position of the blade and fix it all with the four screws (fig. 16).
- 12) Lower the machine so that it rests on the slide and put on the spark plug cap

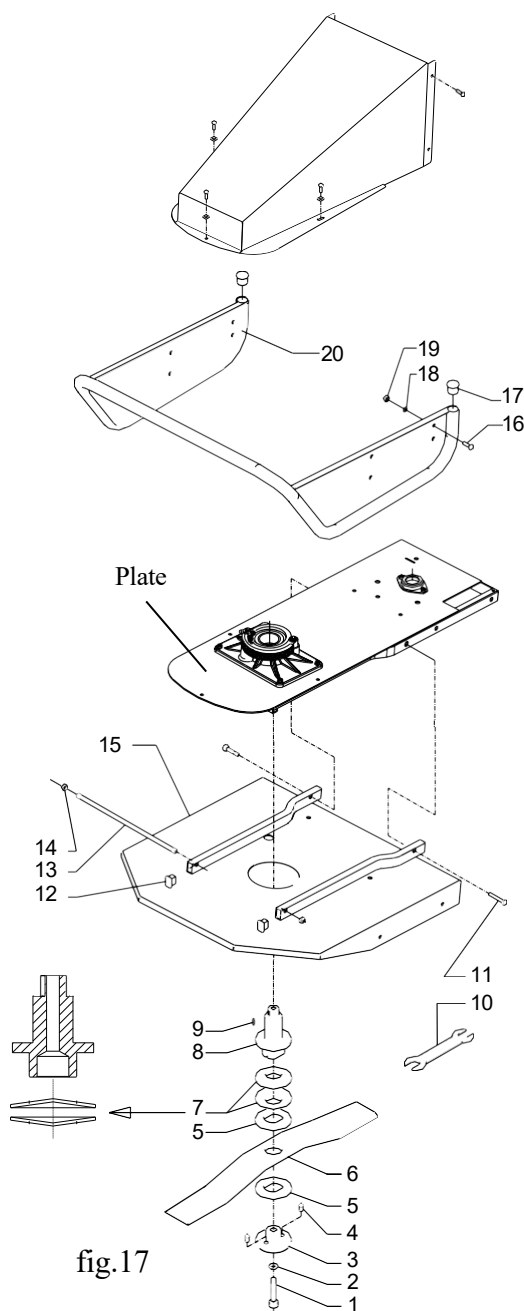


fig.17

Exploded view			
ref.	description	code	q.ty
1	Screw TCEI M10x90 12.9 UNI 5931	N02020	1
2	Wave washer Ø10.5 DIN 137B	091000	1
3	Ring nut for Domino blade	F05380	1
4	Pins 4.2x10 UNI 6875	091960	2
5	Flange for blade	F05390	2
6	Blade	F05340	1
7	Cup springs	091950	2
8	Blade support	F05391	1
9	Key 6x6x15	N17004	1
10	Spanner	F10002	1
11	Screw TE M8x35	N01049	2
12	Cap 15x25	F05104	2
13	Threaded shaft	F50544	1
14	Nuts M8	N10006	2
15	Blade cover	F05397	1
16	Screw TE M8x16	030190	4
17	Cap Ø25	F03142	2
18	Washer Ø8	090090	4
19	Nuts M8	N10006	4
20	Slide with side covers	F02146	1

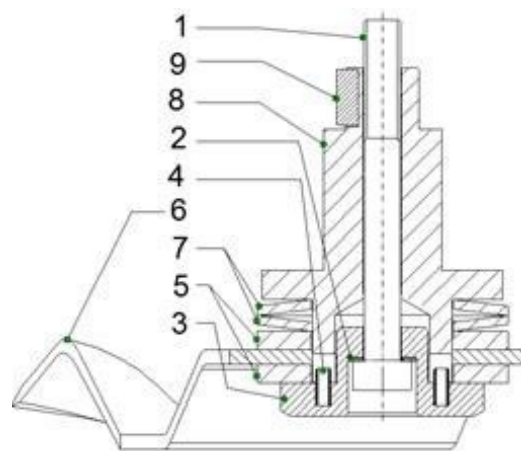


fig.18: Side view for the mounting of the blade

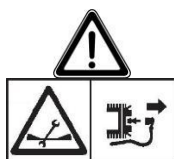
Maintenance the attachment

In case of violent collision of the blade against any obstacle, while working, the flanges and the cup springs allow the blade to slide reducing the effect of the collision to other components of the machine protecting the blade from possible dangerous breaks.

If this should happen, once the engine is turned off and the spark plug cap is uncapped, check if there are other parts broken or damaged by the collision; if so replace these parts. The replacement must be carried out using original spare parts. Check and, if necessary, fasten correctly the fixing nuts

10.2 Line application

It permits the cutting of the grass near plants or walls, grinding the vegetation left on the terrain. It is equipped with a double supporting cup which makes it possible to adjust the cutting height. Cutting width variable up to 70 cm. Suggested diameter for line: 4 mm.



WARNING: the assembly of the application needs great care and must be carried out by competent person.

Disconnect the spark plug cap and keep it far from the spark plug to avoid an incidental start.

Assembly of the application (fig. 19)



WARNING: The assembly of the application needs a fair degree of mechanical skill; moreover, the incorrect assembly of one of the parts may cause the detachment of one or more components during the operation of the machine.

Choose the cutting height among those available indicated on the packagings containing the caps.

Making reference to the drawing, proceed as per the following instructions.

- 1) For precaution detach the cap from the spark plug and lift the front of the machine making it rest on the ends of the handle bar.
- 2) Eliminate any previous application referring to the relevant instructions.
- 3) Insert the hub (2) in the hole drilled on the lower side of the machine, checking that the key (1) is correctly positioned.
- 4) Position the anti-winding cup (3), the line holder blade (4), on the hub (2); the “little waves” of the line holder blade should face upwards.
- 5) Choose the required cutting height by using one of the two supplied cups (6) and fix it to the hub by the respective screw (7).
- 6) Insert a piece of line in each notch, ensuring that the projecting ends are even. For the length of the pieces, see the Maintenance paragraph.
- 7) Lower the machine making it rest on the slide and reinsert the spark plug cap.

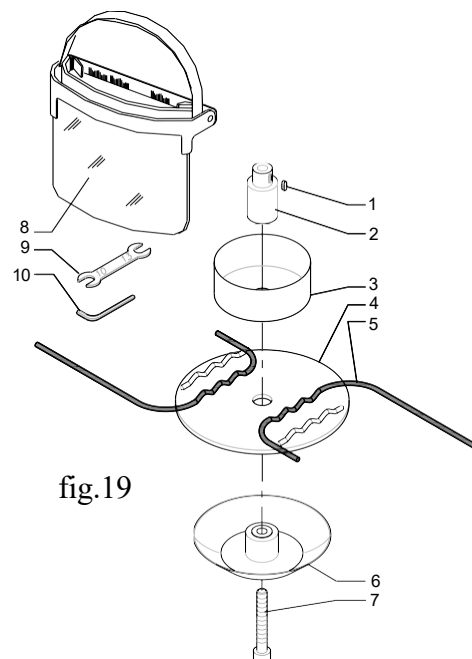


fig.19

Exploded view			
ref.	description	code	q.ty
1	key 6x6x15	N17004	1
2	hub	F05110	1
3	cup	F05085	1
4	Line carrier disk	F05102	1
5	line	F05098	2
6	spacer (h=45mm cup)	F05392	1
	spacer (h=25mm cup)	F05135	1
7	screw TCEI M10x115 (h=45mm cup)	031920	1
	screw TCEI M10x100 (h=25mm cup)	N02026	1
8	protective face-shield	751840	1
9	key	F10021	1
10	Hexagonal key	F10022	1



WARNING: check that the rotating line cannot come into contact with the wheels which would otherwise be damaged.

How to use the application in the best way

Carefully read the instructions indicated on the manual of the machine.



WARNING: the line may throw stones or other objects in any path. Always work with the provided protections mounted. Wear strong shoes and protective face-shield.

The cutting width depends on the length of the wire pieces installed. The pieces supplied in series are 560 mm long and make it possible to obtain a cutting width of 630 mm. If the grass conditions need too much power from the motor, use shorter pieces.

The permitted line diameter ranges from 3 to 6 mm. That of the supplied line measures 4 mm.

To prolong the duration of the line we recommend the use of top quality line. To order a hank of original line, use the order code indicated on the components bench.

Note: the color of the line does not influence its quality.

Adjustment of the cutting height

The machine must be left on the front free cup to make the cutting height as homogeneous as possible.

Two cups are supplied and they make it possible to adjust the cutting height to approximately 25 or 45 cm. For the replacement, see the item Assembly of the application.

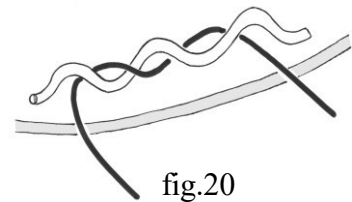
Maintenance the attachment - Replacement of the line

Wear and impact are the cause of line breakage. Whenever cutting is unsatisfactory, stop the machine and check the line conditions and if necessary replace it.

To replace it, remove any remaining piece and insert the new piece as indicated in the drawing (fig. 20).

The supplied line pieces measure $\varnothing 4 \text{ mm} \times 560 \text{ mm}$.

The maximum length of the piece must not, however, exceed 690 mm to ensure that the line does not come into contact with the wheels



Application	Type of vegetation	Degree of grinding	Cutting width	Cutting height adjustment
Blade 53	Thick grass and dry twigs	High	53 cm	YES
Line	Thick grass, trimming of plants and walls	Medium	50 ÷ 70 cm	YES

11.0 APPLICATIONS (only Alhambra series)

Some accessories, available on request, facilitate and make work more efficient, adapting the machine to particular situations.

Possible supplementary instructions for the accessories assembly and use can be supplied together with the accessories.

The applications that are available at the moment of the printing are the following.

11.1 Side small curtain application



It allows ordering the grass on the ground (sideways the route followed by the machine) during cutting.



WARNING: the application assembly operation requests much care and should be carried out by a skilled person.



Disconnect the spark plug cap and keep it away from the spark plug to avoid an incidental start.

Application assembly (figg. 21-22-23)



ATTENZIONE: The application assembly needs a fair degree of mechanical skill; moreover, the incorrect assembly of one of the parts may cause the detachment of one or more components during the operation of the machine. These parts, turning at high speed may be thrown and cause serious injury to persons and/or things.

- 1) Detach for caution the spark plug cap.
- 2) Insert the side small curtain (yellow) on the foreseen support tube (fig. 21).
- 3) Insert the support tube of the small side curtain into the toggle foreseen in the machine (fig. 22).
- 4) Fix then the application with the supplied nylon knob (fig. 23).
- 5) Re-insert the spark plug cap.



WARNING: the side small curtain increases the machine volume.



Fig. 21



Fig. 22



Fig. 23

Application maintenance

Before starting the work check if the application is correctly assembled on the machine and the tightening knob is correctly fixed.

Don't use the application in case it presents breakings or faults.

12.0 TECHNICAL CHARACTERISTICS

MODEL	Domino			Alhambra			
	TS LC	TS PRO LC	TS PRO/H	TS LC	TS 170HO	TS PRO LC	TS PRO 170HO
Engine	Loncin – 4 stroke	Loncin – 4 stroke	HONDA GCV 190	Loncin – 4 stroke	HONDA GCV 160	Loncin – 4 stroke	HONDA GXV 160
Displacement	196 cc	196 cc	187 cc	196 cc	163 cc	196 cc	163 cc
Power (kW) @ rpm	4.1 3600	4.1 3600	3.8 3600	4.1 3600	3.6 3600	4.1 3600	3.6 3600
Fuel	Petrol						
Gear	1 forward	3 forward 1 backward	3 forward 1 backward	1 forward		3 forward 1 backward	
Cutting width	according to application			60 cm			
Net weight (kg)	63.9	64.5	65.4	73.5	74.1	74.6	77.6
Measured Sound Power Level (dB)	109	109	110	108	110	109	110
Guaranteed Sound Power Level LWA (dB)	114						
Vibration: ā(h,w) (UNI EN 12733) Uncertainty of measurement: 10%	3.28 m/s²						

13.0 WARRANTY

LIMITED WARRANTY BLUE-BIRD INDUSTRIES – ZANÈ

- a) Our firm warrants the good working of all the agricultural and industrial machines we commercialize for a period of 24 months (12 months for professional use) from the date of purchase; for the product the till receipt and /or the purchase invoice are the valid documents proof of the period of validity of the guarantee.
- b) The guarantee covers the replacement free of charge of any mechanical or electrical parts that should result faulty due to manufacturing defects or defects in material, as verified by our own assessment at our Company.
- c) This guarantee is limited only to the replacement of those faulty or defect parts returned to us. Any labour costs for taking the machine to pieces, reassembling it and setting it up, will be at the customer' s expense. Shipping costs are not covered by the guarantee and are at the customer's expense.
- d) This guarantee does not cover those parts which are subject to wearing which is due to normal use such as: cutting blades, circular saws, saw chain, guide bars, spark plugs, etc.
- e) It is understood that all those parts acknowledged by us to be faulty and consequently replaced free of charge under guarantee are to be kept by us.
- f) The fact that we accept to replace faulty parts free of charge, can under no circumstances be used as a pretext to extend or suspend the payment terms already agreed upon.
- g) While the machines are still under guarantee, they cannot be ceded permanently, re-sold or exported, otherwise the guarantee will no longer be valid.
- h) Our firm declines all responsibility for damage to person or things even if the machines in question are still under guarantee.

BLUE BIRD INDUSTRIES

N.B. Always carefully follow the instructions concerning the use and maintenance of each machine, paying particular attention to the “running in” period.

14.0 ENGINE TECHNICAL SERVICE

Eventual technical service requests (warranty claims included) must be submitted directly to the authorized service centres:

Briggs & Stratton (www.rama.it)

Honda (www.honda-engines-eu.com).

EC DECLARATION OF CONFORMITY - HERSTELLERERKLÄRUNG - DECLARATION 'CE' DE CONFORMITE - DECLARACION DE CONFORMIDAD - DICHIARAZIONE DI CONFORMITA' EUROPEA - GELIJKVORMIGHEIDSVERKLARING - EC DEKLARATION I OVERENSSTEMMELSE - DECLARAÇÃO CE DE CONFORMIDADE - EY ILMOITUS - FORSAKRAN OM OVERENSSTAMMELSE - BEKREFTENDE EU ERKLÆRING - ΔΗΛΩΣΗ ΕΚ ΣΥΜΜΟΡΦΩΣΗΣ - EUROPEJSKA DEKLARACJA ZGODNOSCI

1) MANUFACTURER – HERSTELLER – FABRICANT – FABRICANTE – COSTRUTTORE – CONSTRUCTEUR – PRODUCENT – FABRICANTE – VALMISTAJA – TILLVERKARE – FABRIKANT – Κατασκευαστής – PRODUCENT:
Blue Bird Industries Fabbrica Motori s.r.l.
Via Due Camini 19, 36010 Zanè (VI), Italia

2) DESCRIPTION OF THE MACHINERY – BESCHREIBUNG DER MASCHINE – DESCRIPTION DE LA MACHINE – DESCRIPCION DE LA MAQUINARIA – DESCRIZIONE DELLA MACCHINA – BESCHRIJVING VAN DE MACHINE – BESKRIVELSE AF MASKINEN – DESCRICAO DA MAQUINA – KONEEN NIMITYS – MATERIELSLAG – BESKRIVELSE AV MASKINERIE – ΠΕΡΙΓΡΑΦΗ ΤΩΝ ΜΗΧΑΝΩΝ – OPIS MASZYN:
DECESPUGLIATORE A RUOTE – WHEELED BRUSHCUTTER

a) MAKE – FABRIKAT – MARQUE – MARCA – MARCA – MERK – MÆRKE – MARCA – MERKKI – FABRIKAT – FABRIKANT – MAPKA – MARKA:
BLUE BIRD INDUSTRIES Fabbrica Motori srl
Via Due Camini 19, Zanè, Italia

b) TYPE / TYP / TYPE / TIPO / TIPO / TYPE / TYPE / TIPO / MALLI / TYPBE / TYPE / ΤΥΠΟΣ / TYP:
ALHAMBRA TS LC – ALHAMBRA TS 170HO – ALHAMBRA TS PRO LC – ALHAMBRA TS PRO 170HO – DOMINO TS LC – DOMINO TS PRO LC – DOMINO TS PRO H

2000/14/EC (2005/88/EC) – Livelli di potenza sonora come da allegato V – Sound Power Levels performed per annex V	
TIPO	Livelli di Potenza Sonora Misurata / Livelli di Potenza Sonora Garantita LWA Sound Power Levels Measured / Sound Power Level Guaranteed LWA (dB)
DOMINO TS LC – DOMINO TS PRO LC – ALHAMBRA TS LC	108/114
DOMINO TS PRO H – ALHAMBRA TS 170HO – ALHAMBRA TS PRO 170HO	110/114
ALHAMBRA TS PRO LC	109/114

c) Il prodotto è conforme alle direttive - The product complies with the directives - Das Produkt entspricht den Richtlinien - Le produit est conforme aux directives - El producto cumple con las directivas :

2006/42/EC – 2014/30/EU – 2000/14/EC (2005/88/EC) – 2011/65/EU

d) REFERENCE TO STANDARDS/HARMONIZED STANDARDS - VERWEIS AUF NORMEN/HARMONISIERTE NORMEN - REFERENCE AUX NORMES/NORMES HARMONISEES - REFERENCIA A ESTANDARES/ESTANDARES ARMONIZADOS - RIFERIMENTO ALLE NORME/NORME ARMONIZZATE - REFERENTIE NAAR STANDAARDEN/GEHARMONISEERDE STANDAARDEN - REFERENCE TIL STANDARDER/HARMONISERED E STANDARDER - REFERENCIA AS NORMAS/NORMAS HARMONIZADAS - VITTAUS STANDARDEIHIN/YHTEISIIN STANDARDEIHIN - REFERERANDE TILL STANDARDER/HARMONISERADE STANDARDER - HENVISNING TIL STANDARD/FELLES STANDARD - ΑΝΑΦΟΡΑ ΣΕ ΠΡΟΤΥΠΑ/ΕΝΑΡΜΟΝΙΖΜΕΝΑ ΠΡΟΤΥΠΑ - ODNIESIENIE DO NORM/NORM ZHARMONIZOWANYCH:
EN 62481-1:2015/A11:2022 EN IEC 62841-4-3:2021/A11:2021

e) SERIAL NUMBER / SERIENNUMMER / NUMERO DE SERIE / NUMERO DE SERIE / NUMERO DI SERIE / SERIENUMMER / SERIENUMMER / NUMERO DE SERIE / SARJANUMERO / SERIENUMMER / SERIE NUMMER / ΑΡΙΘΜΟΣ ΠΑΙΣΙΟΥ / NUMER SERIJNY:
AA24AA000000001 – ZZ99ZZ999999999

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ZANÈ (VI) – ITALIA 28-04-2023
The chairman – Der vorsitzender – Le président – El presidente – Il presidente – De voorzitter – Daglig leder – O presidente – Toimitusjohtaja – Verställande direktör – Administrerende direktør – O POE PO - Prezes

VANDA VITELLA



(GB) Technical documentation maintained by
(F) Documentation technique maintenue par
(I) Documentazione tecnica conservata da
(DK) Teknisk dokumentation tilhørdhøllend av
(FI) Teknisten asiakirjojen ylläpitäjä
(NO) Teknisk dokumentasjon vedlikeholdt av

(D) Technische Dokumentation aktualisiert durch
(E) Documentacion tecnica mantenida por
(NL) Technische documentatie onderhouden door
(P) Documentação tecnica mantida por
(SE) Teknisk dokumentation tillhøllend av
(GR) τεχνικό φάκελο που τηρείται από

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VANDA VITELLA





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