

**INSTRUCTIONS for use**

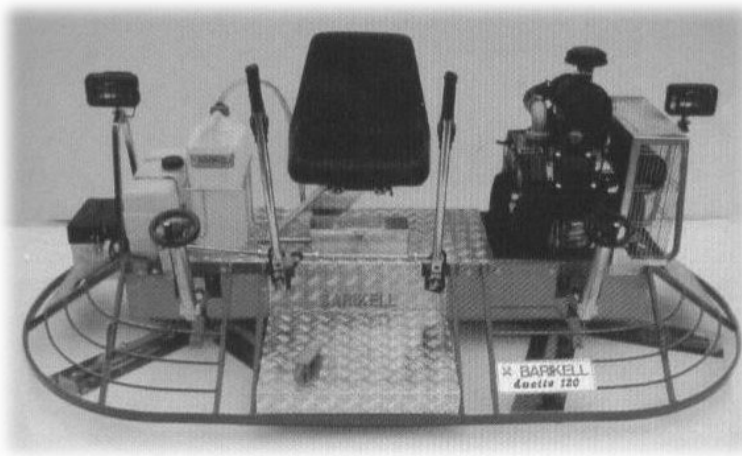
**Model: MK8 120**



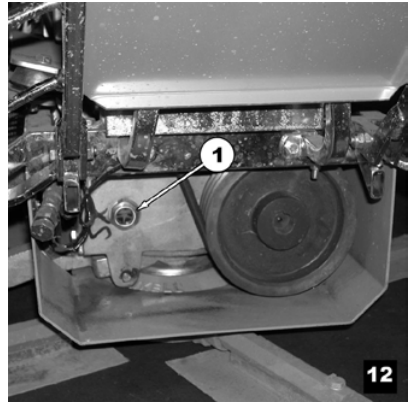
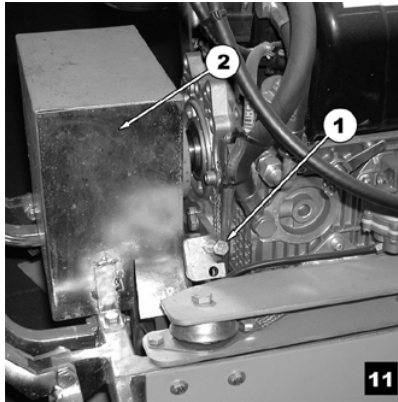
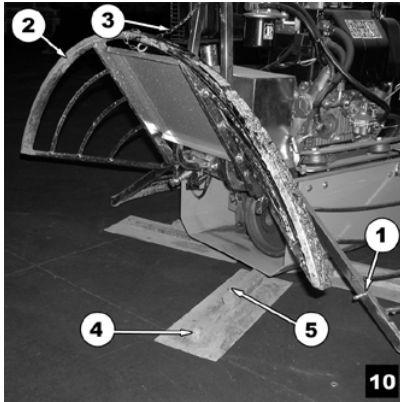
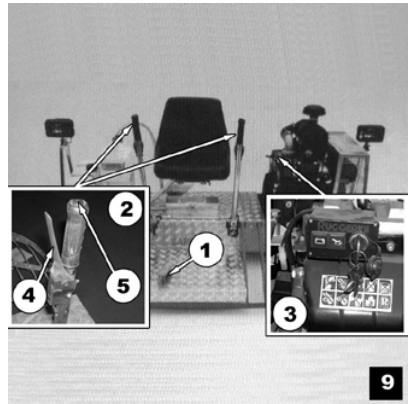
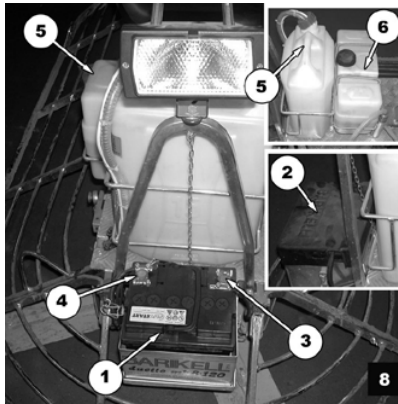
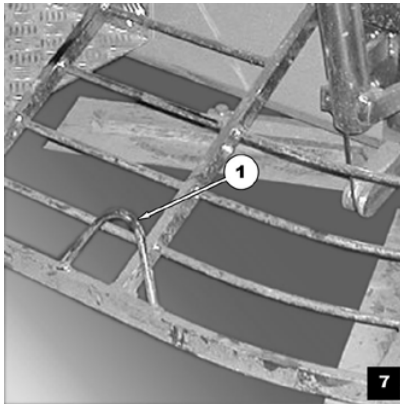
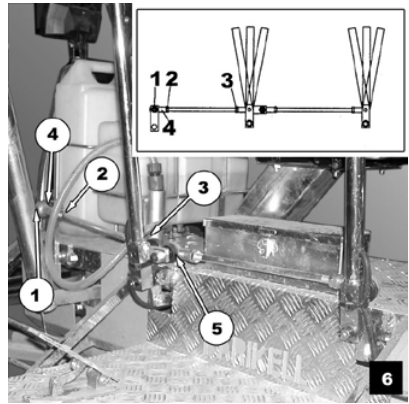
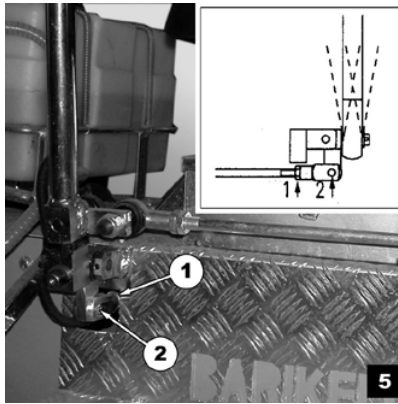
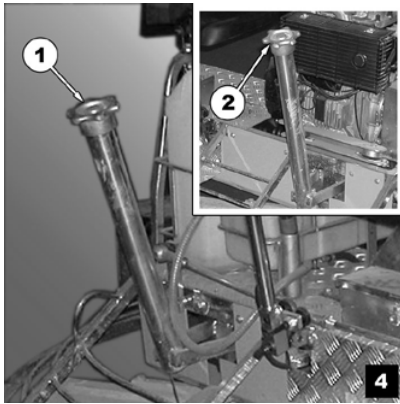
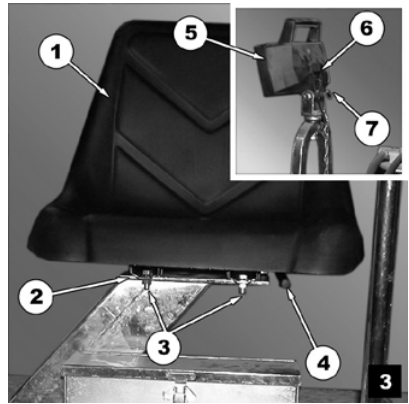
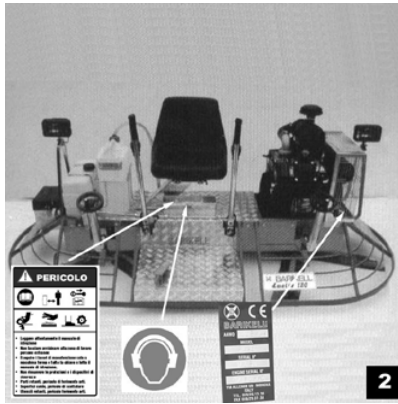
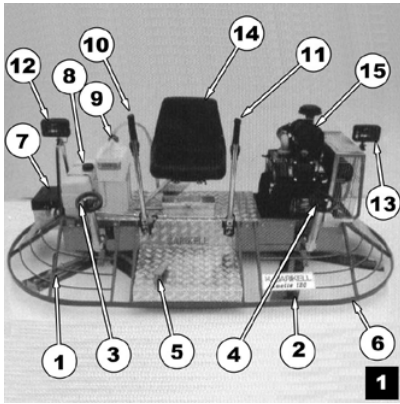
# ***FLOAT MACHINE***

## ***MK8 120***

### ***WITH MECHANICAL CONTROLS***

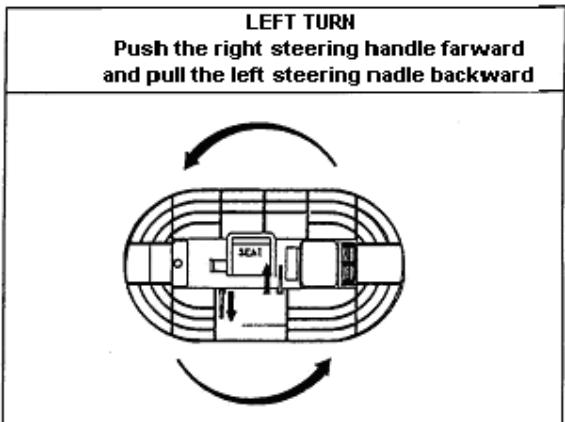
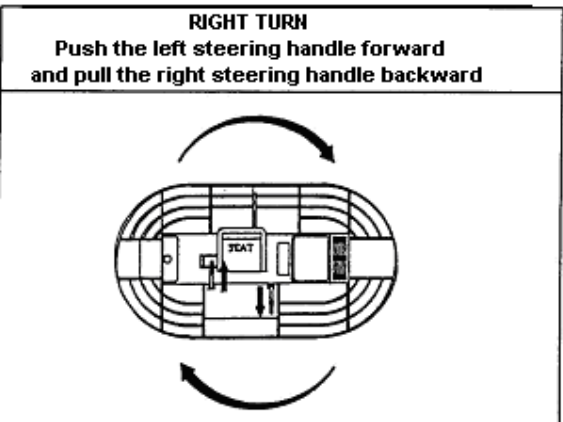
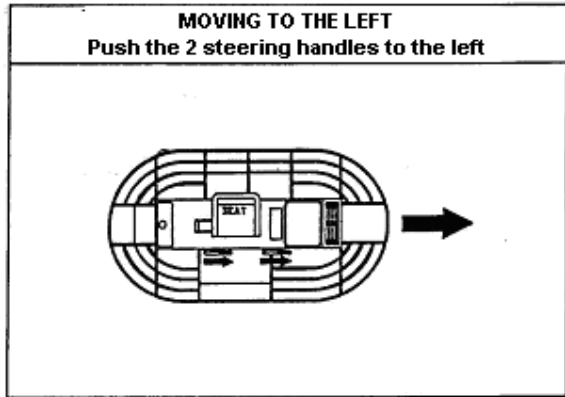
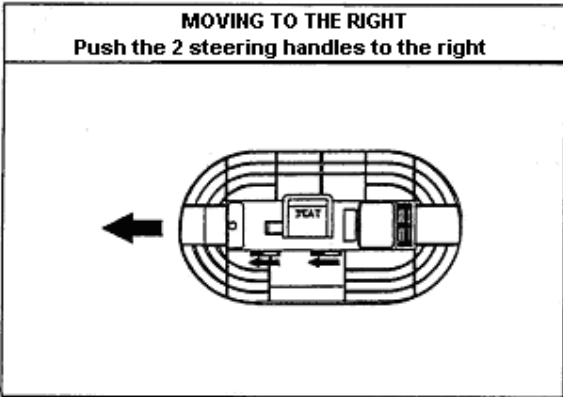
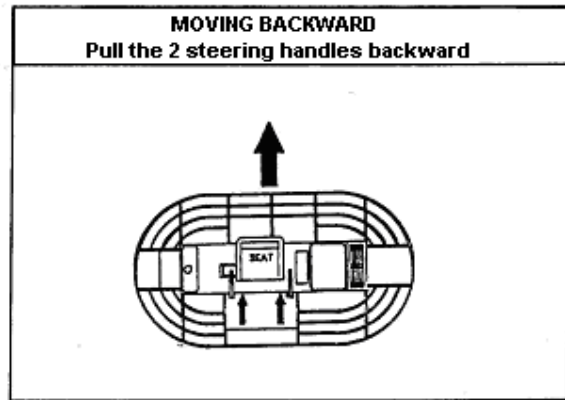
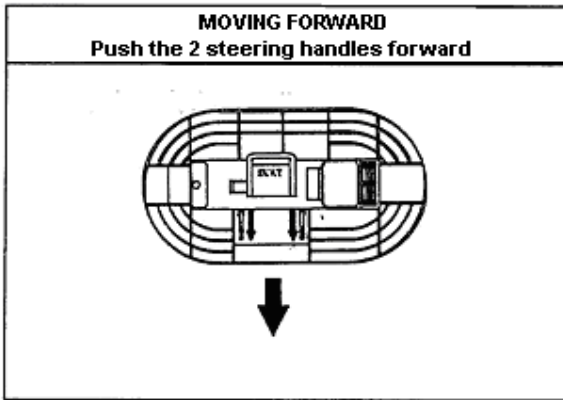


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**INNOVATION:**  
**NEW LIFT HOOK**





Thank you for buying our product. We have taken every possible care to ensure that it arrives in perfect conditions. Nevertheless, in the unlikely event that you find some damage when you receive the machine, or if we can help you in any way, please do not hesitate to contact our Customer Service department.

This manual contains all the information necessary for proper use of the machine. Please carefully follow the instructions and keep it in a suitable and accessible place.



The contents of this manual may be modified without prior notice or other obligations in order to incorporate changes and improvements to the units already shipped.

It should be specified that for reasons of visibility and clarity some figures are shown with the machine not in the correct configuration for use.

No part of this manual may be reproduced or translated without permission in writing from the manufacturer.



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## 1. Symbols

Below follows a short legend with an indication of the symbols used throughout the manual (those considered most significant).



**WARNING DANGER:** draws the attention to situations or problems which may cause injury to persons or risk of death..



**IMPORTANT:** draws the attention to situations or problems connected with machine efficiency but which do not pose a risk to the safety of persons.

The following instructions are indicated on the machine ( fig. 2):

N.	Descrizione
1	<b>Danger:</b> <ul style="list-style-type: none"> <li>• Carefully read the instruction manual</li> <li>• Do not let unauthorised persons come near the working area</li> <li>• Carry out maintenance work only when the machine is off and after having pulled out the key and read the instruction manual.</li> <li>• Do not remove the protection and safety devices</li> <li>• Rotating parts: risk of injuring the limbs.</li> <li>• Hot surfaces: risk of burns</li> <li>• Rotating tools: risk of injuring the limbs.</li> </ul>
2	Protect hearing with earmuffs
3	CE plate



Observe the warnings on the plates. Inobservance may cause death or injury to the personnel. Ensure that the plates are always present and legible. If otherwise, apply or replace them.

## 2. General precautions for use



- The operator is personally responsible for the operating safety of the machine.



- Carefully read this manual before starting, use, maintenance or other operations on the machine.
- The purpose of this manual is to bring to the attention of the operator, with illustrations and texts, the fundamental instructions and the criteria to follow for use and maintenance of the machine.

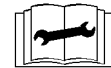
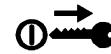


- Check that the machine has not been damaged during transport, and if so, immediately notify the manufacturer or the area representative.
- Allow only authorised personnel to use the machine.



- Operators not working on the machine must keep the safety distance when the machine is running.
- Periodically clean the machine, removing any foreign materials which may compromise operation or cause injury to the operator

- Before using the machine, ensure that all the protection devices are properly in place and in good working order. Should the protection devices be faulty or damaged, replace them immediately.



- Carry out maintenance work only after having read the instruction manual and having pulled out the ignition key or detached the spark plug.
- Any repairs may exclusively be carried out by qualified personnel using original spare parts. Otherwise, the user may be exposed to serious risk



- Do not wear clothes that may get caught up in moving parts, such as loose-fitting garments, scarves, coats, etc. It is recommended to wear approved garments for accident-prevention purposes, for example: hard hats, anti-slip shoes, earmuffs, safety goggles, heatproof gloves, safety mask. Ask your employer about the safety regulations in force and the safety devices.

**In order to operate in safety:**



### 3. Technical specifications

#### 3.1. Machine description

The double rotary float machine model MK8 120 has been designed and constructed to float concrete and bituminous floors of warehouses, car parks, cycle tracks, parking areas, pavements, etc. For this purpose the machine is equipped with two rotors, one turning clockwise and the other anticlockwise.

Both the engine and the operator's seat are fixed to a frame connected to both rotors.

The very low position of the seat has the following advantages:

- Superior planarity of the floor surface (as a result of lowering of the machine barycenter)
- Perfect vision

The seat can be adjusted to the most comfortable driving position for the operator. All the steering components, joysticks, joints, drive shaft and reduction gears are protected by a tunnel to prevent cement encrustations from accumulating over time, which could lead to more rapid wear of the mechanical components.

#### 3.2. Technical data

Description	Unit of measure	3355	3357	3358	3559	3561
Dimensions:	[mm]	2450x1205x1040	2450x1205x1040	2450x1205x1040	2450x1205x1040	2450x1205x1040
Packaging dimensions	[mm]	2530x1280x1100	2530x1280x1100	2530x1280x1100	2530x1280x1100	2530x1280x1100
Operating weight	[kg]	316	315	323	330	300
Shipping weight	[kg]	320	320	320	320	320
Motorization:	-	Kohler	Honda	B&S Vanguard	B&S Vanguard	Kohler
Power installed:	[Hp]	27	24	31	35	36
Starting:	-	Electric	Electric	Electric	Electric	Electric
Cooling:	-	Air	Air	Air	Air	Air
Fuel:	-	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline
Fuel tank capacity:	lt	11	11	11	11	11
Max engine rotation speed:	[rpm]	3600	3600	3600	3600	3600
Min - max blade rotation speed:	[rpm]	70 -125	70 - 125	70 - 125	70 - 125	70 - 125
Rotor diameter:	[mm]	1200	1200	1200	1200	1200
Number of blades:	-	8	8	8	8	8
Max. forward speed	[m/min]	90	90	90	90	90
Acoustic pressure level:	[dB]	92,4 <sup>(1)</sup>	92,4 <sup>(1)</sup>	92,4 <sup>(1)</sup>	92,4 <sup>(1)</sup>	92,4 <sup>(1)</sup>
Acoustic pressure level at driver's seat:	[dB]	92,3 <sup>(1)</sup>	92,3 <sup>(1)</sup>	92,3 <sup>(1)</sup>	92,3 <sup>(1)</sup>	92,3 <sup>(1)</sup>
Acoustic power level:	[dB]	108,2 <sup>(1)</sup>	108,2 <sup>(1)</sup>	108,2 <sup>(1)</sup>	108,2 <sup>(1)</sup>	108,2 <sup>(1)</sup>
Quadratic mean value of acceleration:	m/s <sup>2</sup>	0,8 - 1	0,8 - 1	0,8 - 1	0,8 - 1	0,8 - 1

<sup>(1)</sup> Measured with petrol-powered engine

An exact description of the Model and Serial Number will make it easier for our Technical Service to respond quickly and efficiently.

Therefore, always indicate the machine model and serial number when you contact Technical Service.

(fig.

2).

### 3.3. Main parts of the machine and controls

See Fig. 1

N.	Description
1	Right rotor
2	Left rotor
3	Right float adjustment knob
4	Left float adjustment knob
5	Accelerator
6	Protection cage
7	Battery
8	Fuel tank
9	Water tank
10	Right control
11	Left control
12	Right headlight
13	Left headlight
14	Seat
15	Engine



**NB:** For reasons of description the machine may be represented without the protection devices. The machine cannot and must not be operated in these conditions. At the time of installation, every precaution must be taken to ensure that the protection and safety devices are in place and efficient.

### 3.4. Seat adjustment

**(Fig.3)** For horizontal adjustment operate the lever (4) located under the seat (1), find the desired position and release the lever (4).

### 3.5. Blade inclination adjustment

**(Fig.4)** The blade inclination can be adjusted with the knobs (1) and (2).

Turn the knob (1) clockwise to increase the blade inclination of the right rotor ( Fig.1 No.1).

Turn the knob (2) clockwise to increase the blade inclination of the left rotor ( Fig.1 No.2).

To decrease the inclination turn the knobs anticlockwise.

### 3.6. Adjusting the drive levers

The drive levers (Fig.1 No.10 and 11) can be adjusted to the most comfortable position for the operator.

**To move the drive control levers forward or backward, operate as follows (Fig. 5):**

1. Place the blades in horizontal position using the knobs (see Par. 3.5)
2. Unscrew the counternuts (1) which lock the forks of the control levers.
3. Remove the fork pins (2).

To move the levers outward (FORWARD) turn the forks clockwise.

To move the levers towards the seat (BACKWARD) turn the forks anticlockwise.

**To move the drive control levers left or right, operate as follows (Fig. 6):**

1. Remove the nut (1).
2. Loosen the nuts (2 and 3).
3. Remove the joint (4).

Turning the joint clockwise the levers move to the left.

Turning the joint anticlockwise the levers move to the right.

Reposition the joint and tighten the nuts (1-2-3).

### 3.7. Ambient conditions

The machine should be used sheltered from atmospheric agents.

The places where the machine is used should be well ventilated and conform to the regulations in force regarding hygiene and safety in the workplace.



- Do not come close to the machine with naked flames or similar.
- Do not use the machine in places where there is a risk of explosion or fire.



**IMPORTANT:** The exhausts contain carbon monoxide, a hazardous mortal gas. Do not start the engine in closed or badly ventilated places.

### 3.8. Not permitted uses

It is prohibited to employ the machine for uses different from those expressly indicated by the manufacturer.

## 4. Delivery and installation

### 4.1. Delivery

All the material shipped, including the detached parts, are checked before delivery.



*Upon receipt check that the machine has arrived intact in all of its parts. If otherwise, immediately contact our dealer.*

The machine is delivered in a crate weighing about 320 kg.

Unload it with a forklift truck of adequate capacity and position it on a stable and horizontal surface. Remove the top and side packaging and lift the

float machine with a crane using suitable metal cables hooked onto the attachments (Fig.7 No.1) arranged on the 4 sides of the cage.

The float machine is shipped fully assembled except for the seat and the engine-side headlight; moreover, the two steering levers are lowered and the battery cable is detached.



*The machine handling operations must be carried out in observance of the regulations in force regarding safety in the workplace.*



*Dispose of the packaging in the appropriate manner in accordance with the regulations in force in the country of use.*

#### 4.2. Component assembly

**(fig.3)Seat assembly:** fix the seat (1) to the support plate (2) using the 4 bolts (3). Fully tighten the nuts and connect the terminal

**(fig.3) Headlight assembly:** fit the headlight (5) in such a way that it is tight enough to resist rotation and movement, fit the ground cable (7), screw on and tighten the counternut, fit the power cable (6) into the plugs.

**(fig.6)** Mounting the steering levers: insert the central tie-rod joint in its housing (5) and the side tie-rod joint (4) in the levers positioned near the fuel tank, then screw down and tighten the nuts.

**(fig.8) Battery cable connection:** remove the cover (2) and connect the relevant cable to the positive pole (4) of the battery (1), appropriately tightening the terminal.

#### 4.3. Water supply

**(fig.8)** The hydraulic float machine MK8 120 has an autonomous wetting system. The water is sprayed in correspondence to the rotors from the nozzles connected to the water tank (5). When filling the tank, be careful not to confuse the water tank (5) with the fuel tank (6).

#### 4.4. Fuel

**WARNING:** *Danger of explosion and fire.*

Fill the tank in an open place away from heat sources. Do not smoke. Do not

refuel when the engine is running or very hot.



#### **IMPORTANT:**

Consult the engine manual for the type of fuel to use.

1. Clean the area around the fuel filler cap.
2. Remove the cap.
3. Fill the tank up to 3-4 cm from the brim in order to allow the fuel to expand.
4. Close the filler cap.
5. Always thoroughly clean the area around the cap removing any small spills.

#### 4.5. Engine oil

Refer to the engine manual attached.



*Dispose of used oil in the appropriate manner in accordance with the regulations in force in the country of use*

## 5. Use

#### 5.1. Preliminary checks

Before proceeding with starting and use of the float machine, do the following

1. Check the oil level in the engine and, if necessary, top up (see Par. 4.5).
2. Check the fuel level in the tank and, if necessary, refuel (see Par. 4.4).
3. Check that all the protection devices are present and working.
4. Adjust the seat position horizontally to obtain the best possible working position (see Par.3.4)
5. Check that the blade is inclined by at least 1 cm in order to have better control over the float machine when starting (for adjustment see Par. 3.5 )
6. Ensure that the float machine is positioned on a flat surface with a capacity of more than 300 kg/m<sup>2</sup> and that there is sufficient space around the float machine (at least 2 m).
7. Check that the two drive control levers are in perpendicular position and adjust if necessary (see Par. 3.6).

#### 5.2. Starting



In order to prevent slippage and losing control of the float machine when starting and during the working phases the operator must be seated in the

driver's seat on the float machine and always hold the accelerator pedal in the idle position.

Check that there are no obstacles or obstructions on the working surface or projecting parts which may hinder rotation of the blades

To start the float machine operate as follows (fig.9):

1. Sit in the driver's seat after appropriately adjusting its position and with the feet resting on the footboard.
2. Check that the drive control (2) is in neutral position.
3. (for petrol-powered engines only) Close the CHOKE.
4. Position the accelerator hand-lever or accelerator pedal (Fig.1) in the idle position.
5. Hold one emergency stop lever (4) pushed and turn the start key (3).
6. (for petrol-powered engines only) After starting open the CHOKE.

The engine is started at reduced rpm, the clutch has not yet engaged and the rotors do not yet rotate (the clutch engages at 1500 rpm). In order to prevent slippage which might lead to rapid wear of the clutch, firmly push the accelerator to reach a value of 2500 rpm.



For more specific information on starting consult the engine instruction manual.

### 5.3. Driving the float machine



Use the machine at reduced speed until you have fully mastered it and all the possible movements.

To drive the machine in the desired direction, there are two control levers (Fig.1 No. 10 and 11). Move the control slowly and not jerkily. To stop the float machine movement return the control levers to the rest position. The control lever positions and the relevant movements are described on page 3 of this manual.

### 5.4. Use



For reasons of stability it is recommended to use the machine on a flat, stable and horizontal surface. Do not use the machine on slopes of more than 4%-5% gradient.

During the working phases, be particularly careful not to lose control of the float machine (for example, due to too much water on the surface to be worked).

### Preparing the surface:

Use a mechanical vibrating float or manual float to level the floor surface in order to obtain a well-compacted concrete footing and thus prepare the ideal surface for floating and finishing. The float machine does not improve planarity of a badly floated or levelled floor.

### Floating phase:



**IMPORTANT:** Before starting the floating operation, check that the floats have been mounted correctly on the blades (Par. 7.5)

The floor is ready for the first pass when the imprint of the shoe heel sinks into the concrete by about 2-3 mm when walking on it.

The floating pass intervals depend on the ambient factor, temperature and atmospheric conditions (cold or hot season). On average about 250-300 m<sup>2</sup> of surface are floated in 10 minutes.

When the concrete is still fresh, take care not to work continuously on the same spot since, considering the weight of the float machine, you might cause damage to the planarity of the floor surface.

During the floating phase the floats must not bounce on the surface; this might be caused by dirt between the blades and the floats (if necessary, clean them after you have finished work following the instructions given in the paragraph on cleaning).

### Finishing phase

When floating has been completed, detach the floats from the blades and clean the cement that has collected during the floating phase off the blades, the spider and the protection rim. Turn the blade-lifting knob clockwise (Fig. 4 No.1 and 2) until the blades are inclined by about 1 cm for the first pass; for the subsequent smoothing operations continue increasing the blade inclination until obtaining the desired finish.

Once again, the time between one pass and the next is determined by the atmospheric conditions (hot or cold season) and by the amount of water in the concrete. If the concrete has hardened too quickly in some areas, it can be moistened by spraying a small amount of water using the button (Fig. 9 No.5) located on the control bars in order

to obtain the degree of finish desired.



**IMPORTANT:** Switch off the engine after each operation. Never leave the float machine standing with the engine running, especially during the floating phase when the concrete is still fresh.

### 5.5. Stopping



For more specific information on stopping consult the engine instruction manual.

(fig.9) To stop the float machine move the accelerator (2); close the fuel cock and remove the start key from the control panel (3).

### 5.6. Stopping in emergency conditions

the seat is connected to a micro switch which cut the electric power to the engine; in case of an emergency, malaise or when losing control of the float machine, immediately stand up.

## 6. Handling and transport

### Horizontal movements

The float machine can comfortably be moved on horizontal surfaces on construction sites using the special trolley.

1. Pull the key out of the control panel.
2. Holding the handle of the trolley raised, position it on the float machine straddling the engine in such a way that the two hooks near the wheels slide underneath the protection rim until slipping into the catch found under the bar of the rim.
3. Lower the handle of the trolley towards the ground until the pivoting wheel touches the floor and, holding the trolley firmly down with the feet or with one hand, hook it to the protection rim of the float machine.
4. Move the machine by pushing or pulling the handle until arriving at the new place of work.
5. To unhook the trolley detach the hook from the catch.



The moment the float machine is unhooked from the trolley, it jolts upward due to the effect of the machine weight; therefore, firmly hold the trolley handle during this operation.

### Vertical movements



Never leave the floats attached to the float machine when lifting it more than 100 cm off the ground since it could detach and cause damage to persons and things.

Lift the float machine using the lifting attachments (fig. 7 No. 2).

To lift the machine from one level to another use a hoisting crane or lift truck of suitable capacity with respect to the weight indicated in the technical characteristics.

To transport the machine on a truck place the blades in horizontal position using the control knobs; transporting the float machine with the blades inclined may damage the blade lifting system.

## 7. Maintenance

1. All the maintenance, inspection and cleaning operations of the machine must be carried out only when the machine is off and cold.
2. Pull out the start key.
3. Before proceeding with maintenance, thoroughly clean the float machine.
4. When the blades are worn they may become sharp. Therefore, during all the maintenance phases, wear protective gloves and pay particular attention to their position.



### 7.1. Engine maintenance

See the engine use and maintenance manual.

### 7.2. Machine maintenance

The hydraulic float machine model MK8 120 does not require any particular maintenance, nonetheless it is good practice to do the following:

#### Daily operations

1. When you have finished work, thoroughly clean off the encrustations that have accumulated on the float machine during the working phases.
2. Clean the engine air filter, especially if working in dusty conditions (follow the instructions in the engine manual).
3. Check tightness of the screws and bolts of the protection guards and the blades and, if defective, replace them.

#### Weekly operations

1. Check wear and tensioning of the belts: grease the cardan shafts.

2. Check the battery charge and the level of water in the cells, if necessary, top up with distilled water only.
3. Clean any oxidation off the two battery poles.

#### **Operations after 100 hours of work**

Check the oil level in the two reduction gears (see Par. 7.8).

**Once the power trowel guarantee has expired, the machines should be subjected to a complete check-up once a year. You can address to all our authorized dealers all around the world.**

**Barikell srl will refuse all responsibility in case of incident whenever the check-ups won't be done.**

#### **7.3. Battery**

If the machine is not used for a long period of time, disconnect the battery removing the cable terminal from the positive pole (Fig.9 No.4). For maintenance consult the instruction and use leaflet of the battery.



#### **IMPORTANT:**

Recharge the battery in a dry place. Protect the contacts from dirt and water stagnation. Do not spray with water

#### **Replacing the battery ( fig. 8)**



Handle the battery with particular care since it contains acid;

1. Remove the protective cover unhooking the two hooks.
2. Remove the connection terminals (3 and 4) and take care to first remove the negative one (3) in order to prevent a short-circuit.
3. Extract the battery (1) and replace it with one with the same characteristics (45 Ah)



Dispose of the battery in the appropriate manner in accordance with the regulations in force in the country of use.

#### **7.4. Cleaning the machine**

Clean the float machine at the end of each working day to prevent that cement hardens and forms encrustations on the machine. Wash the dirty parts with a brush and water. Wet the parts exposed to cement with "stripping" oil (never fuel oil). Do not oil the rubber moving parts (belts, etc.).

#### **7.5. Replacing the floats**

Be careful when installing the machine: one rotor turns clockwise and the other anticlockwise,

therefore you need to check that the various components have been properly arranged.

Before mounting the floats, check that the blades are clean, i.e. that there are no traces or residues of cement mixes. The blades must be placed in horizontal position using the knobs (Fig.4 No.1 and 2).

To replace the floats proceed as follows:

Slightly lift the float machine off the ground (about 10 cm).

Mount the floats on the blades checking the correct direction of rotation.

When the floats have been mounted, reposition the float machine on the ground.

#### **7.6. Replacing the blades**

Always check the state of wear of the blades and if they are damaged or bent, replace them. For proper functioning they need to be replaced entirely.

#### **To replace them proceed as follows (Fig.10):**

- Clean any working residue off the float machine.
- Open the guard (2) by unscrewing the two fixing bolts (1) and hook the guard to the chain (3).
- Slightly lift the float machine off the ground (about 10 cm).
- Remove the fixing bolts (5) of the blades (4) on each arm.
- Mount the new blades fixing the bolts with the respective split washers (check the state of the bolts and replace them if necessary).
- When the blades have been mounted, reposition the float machine on the ground.
- Reposition the guard (2) and tighten the bolts (1).

#### **7.7. Replacing the belts**

**(Fig.11)** To replace the belts, operate as follows:

- Dismantle the belt protection guard (2).
- Slightly lift the float machine off the ground (about 10 cm) in order to be able to freely turn the pulley and the clutch and thus easily remove and replace the belts.
- Remove the worn belts and replace them with others of the same size.
- Reposition the float machine on the ground.
- Reposition the guard (2).

### 7.8. Reduction gear oil level

To check the oil level in the reduction gears follow the instructions below:

**(Fig.12)** There are two caps on the side of the two reduction gears; the top cap (1) determines the oil level in the gearbox. Pay particular attention when you notice oil in the lower part of the float machine; clean and check where the leak comes from and take the appropriate action. Should the oil need to be topped up, use Mobil Glygoyle 30 synthetic oil or similar.

### 7.9. Storage instructions.



Never store the machine with fuel in the tank in places where the fuel vapors might come into contact with flames and/or sparks

If you can foresee that the machine will not be used for more than one month, drain the fuel from the tank in order to prevent the formation of rubbery deposits, and detach the battery.

If storing the machine in places where the temperature might drop to below 0°C drain out the water tank.

### 7.10. Troubleshooting

ANOMALIA	PROBABILE CAUSA	RIMEDIO
The float machine leaks oil	Too much oil in reduction gear The screws of the reduction gear covers are loose Defective gaskets Oil seal on central and side shaft worn Oil leaks from engine	Unscrew the cap Tighten the screws  Contact our technical service Contact our technical service Contact our technical service
The engine does not start	No fuel  Fuel cock closed Fuel filter clogged Choke fully open Air filter dirty No spark  Ignition difficulty, engine flooded Battery flat  Emergency stop on	Fill the tank with the fuel indicated for the engine used Open the fuel cock (*) Replace the filter (*) Close the choke (*) Clean the air filter (*) Clean the spark plug and replace it if necessary (*) Check the plug connection (*) Unscrew the spark plug and dry it (*) Recharge or replace the battery (Par. 7.3) Turn emergency stop off
Drop in engine rpm	Accelerator cable broken or bent Engine problems Carburetor dirty Air filter dirty	Replace the accelerator cable Contact our technical service Contact our technical service Clean or replace the air filter (*)
The float machine does not move forward and backward	Tie rod broken Fork pin broken or slipped off Bascule support jammed	Replace tie rod Replace pin or fork Clean bascule support
The float machine does not steer left or right	Ball joints broken Rim supports broken Steering supports out of place	Replace ball joints Replace rim supports Adjust steering supports
The blades do not lift	Steel cord broken Steel cord nut lacking Fork broken	Replace blade-lifting cord Fit nut Replace fork
The float machine bounces on the floor	Cement hardened under spider or blades Blades not evenly worn Central shaft bent Drive control not perfectly vertical Blades maladjusted	Clean the spider and the blades  Adjust the blade inclination Contact our technical service Adjust the drive control position Adjust the blades
When the engine is revved up the rotors do not turn	Driving belts slack and/or worn  Clutch lining worn	Tighten the driving belts (see Par.7.7) or replace them  Replace the lining

(\*) See engine use and maintenance manual

## 8. DISPOSAL



In the event of disposal comply with the regulations in force in the country where this operation is carried out..

## 9. GUARANTEE

All new machines sold are covered by guarantee for the structure and the use of suitable materials on the following conditions:

- 1) The guarantee is valid for a period of twelve (12) months.
- 2) The manufacturer undertakes to repair or replace at his own discretion those parts or units that are found to be defective.
- 3) The parts repaired or replaced are covered by the same guarantee as the original parts, hence with validity of twelve months after the parts have been fitted.
- 4) The manufacturer reserves an appropriate time to execute the work necessary and deliver the spare parts.
- 5) All the transport expenses for the replacement parts covered by this guarantee are at the expense of the purchaser.
- 6) Any repairs or operations carried out during the period of guarantee by unauthorised persons shall lead to forfeiture of the guarantee.
- 7) During the period of guarantee the parts replaced become the property of the manufacturer.
- 8) For components not manufactured by us the conditions of guarantee of the original suppliers are valid. Any claims will hence be transferred to the purchaser.
- 9) This guarantee is valid solely for the original purchaser. Our liability expires:
  - a) the moment the original owner transfers ownership of the machine
  - b) if modifications are made to the machine
  - c) if parts and devices not manufactured by us are added to the machine.
- 10) We do not undertake any liability for any damage caused to the floor by bad functioning or stopping of the float machine during the working phases.
- 11) The guarantee does not cover damages deriving from excessive stress (e.g. continuing to operate the machine after ascertaining a fault), improper use or maintenance, use of unsuitable working

materials as well as failed observance of the instructions for use. The same is valid for damage caused by normal wear.

- 12) For the engines, the conditions of guarantee of the original suppliers are valid.
- 13) The conditions of guarantee established are binding for all Barikell Srl dealers. Any other agreements will be considered valid only if confirmed in writing by Barikell Srl.
- 14) The manpower and work required to replace defective parts are at the expense of the customer.



NOTES

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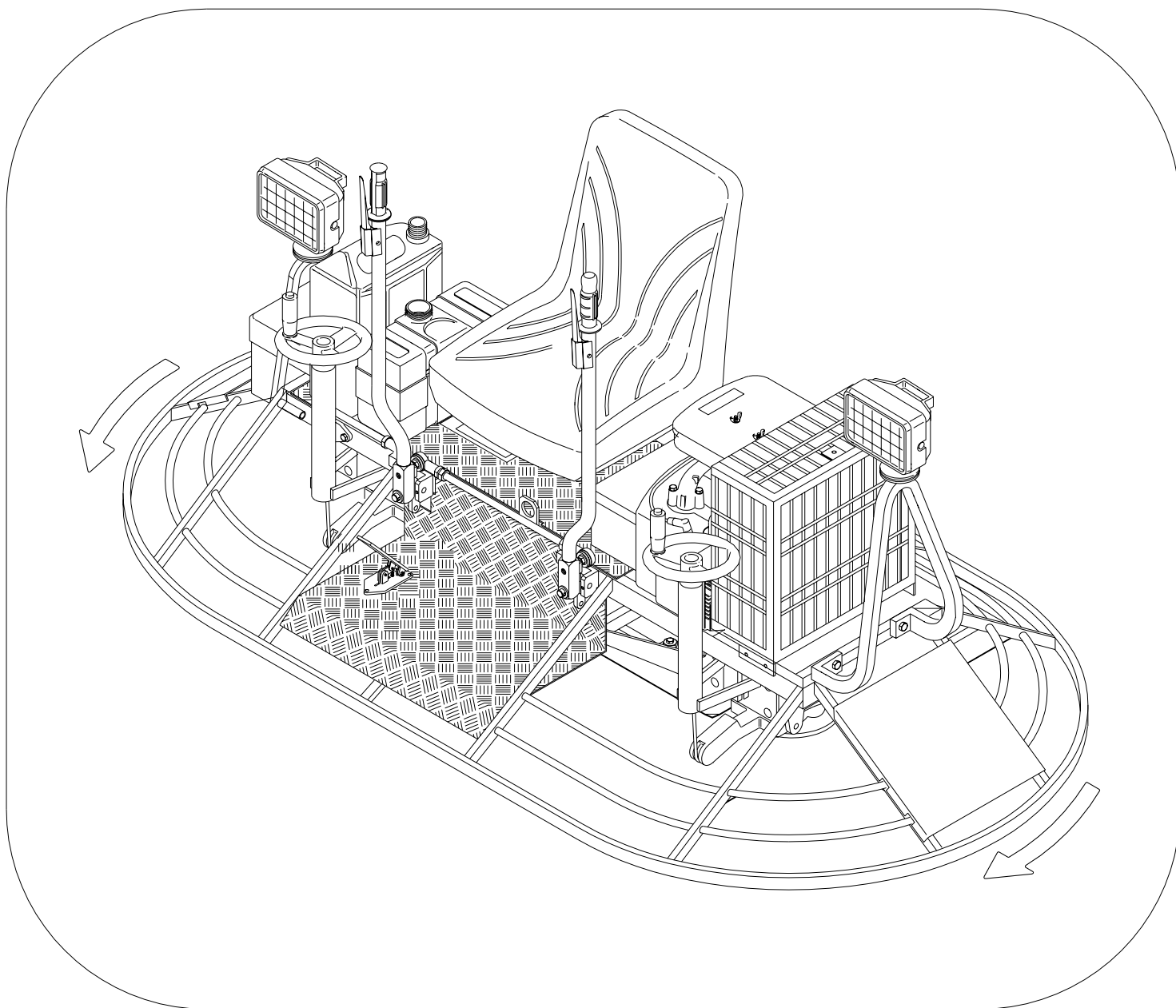


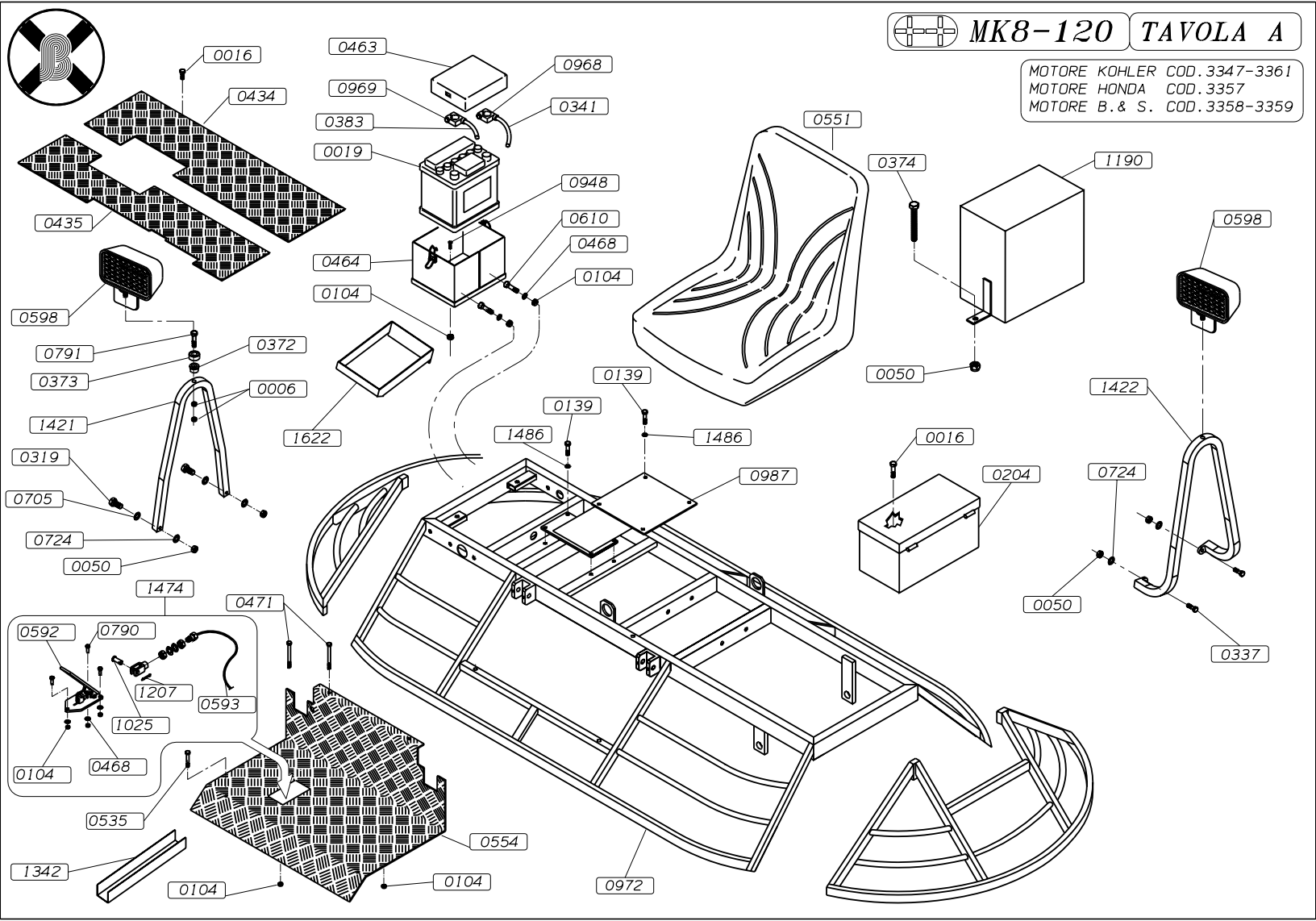
# Barikell

Costruzione Frattazzatrici  
Libretto uso e manutenzione

FRATTAZZATRICE MK8-120 BENZINA  
RIDE ON TROWEL MK8-120 GASOLINE

Modello/Code : 3347-3357-3358-3359-3361







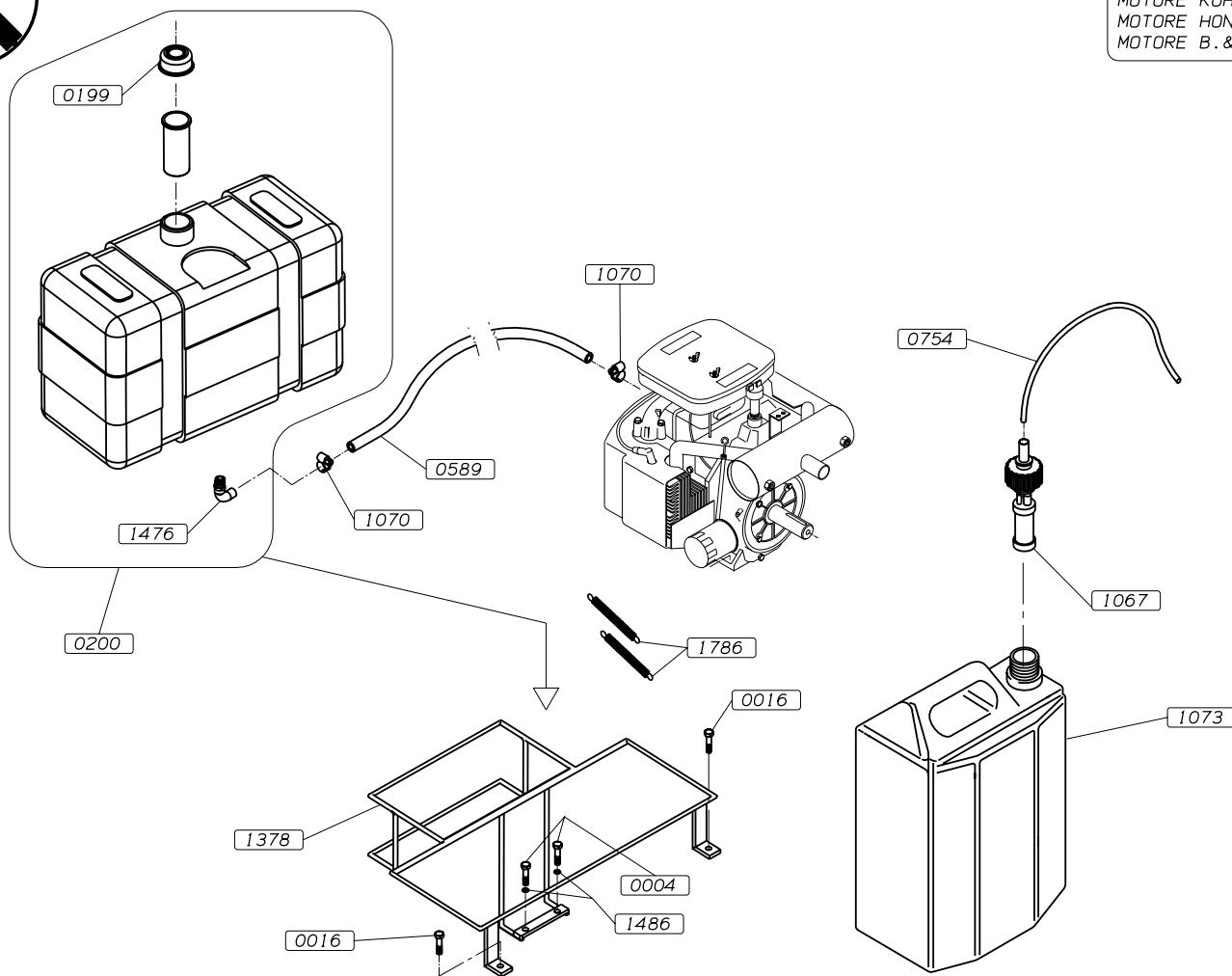
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**MK8-120**


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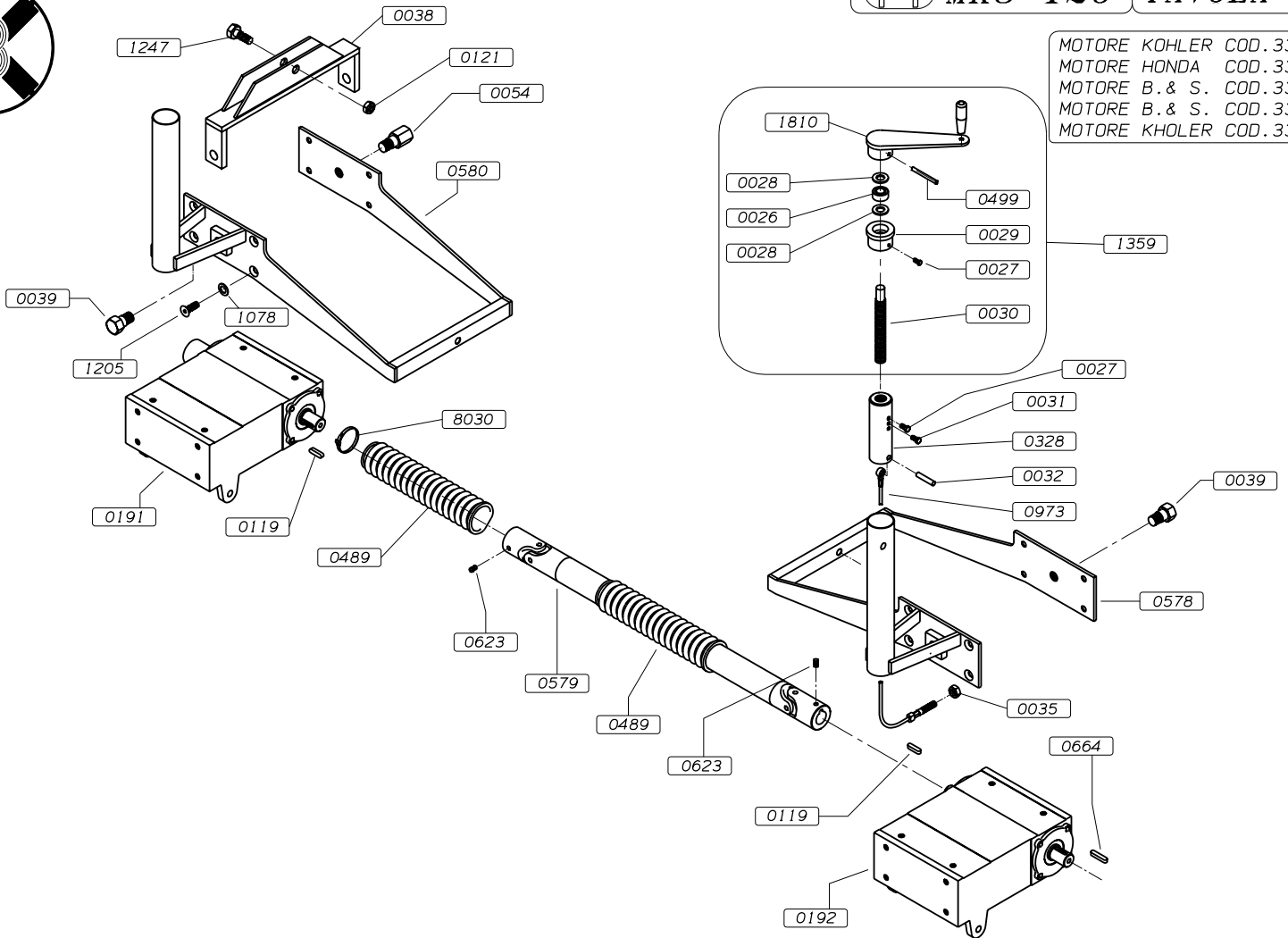






 **MK8-120** **TAVOLA D**

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MOTORE KHOLER COD. 3361



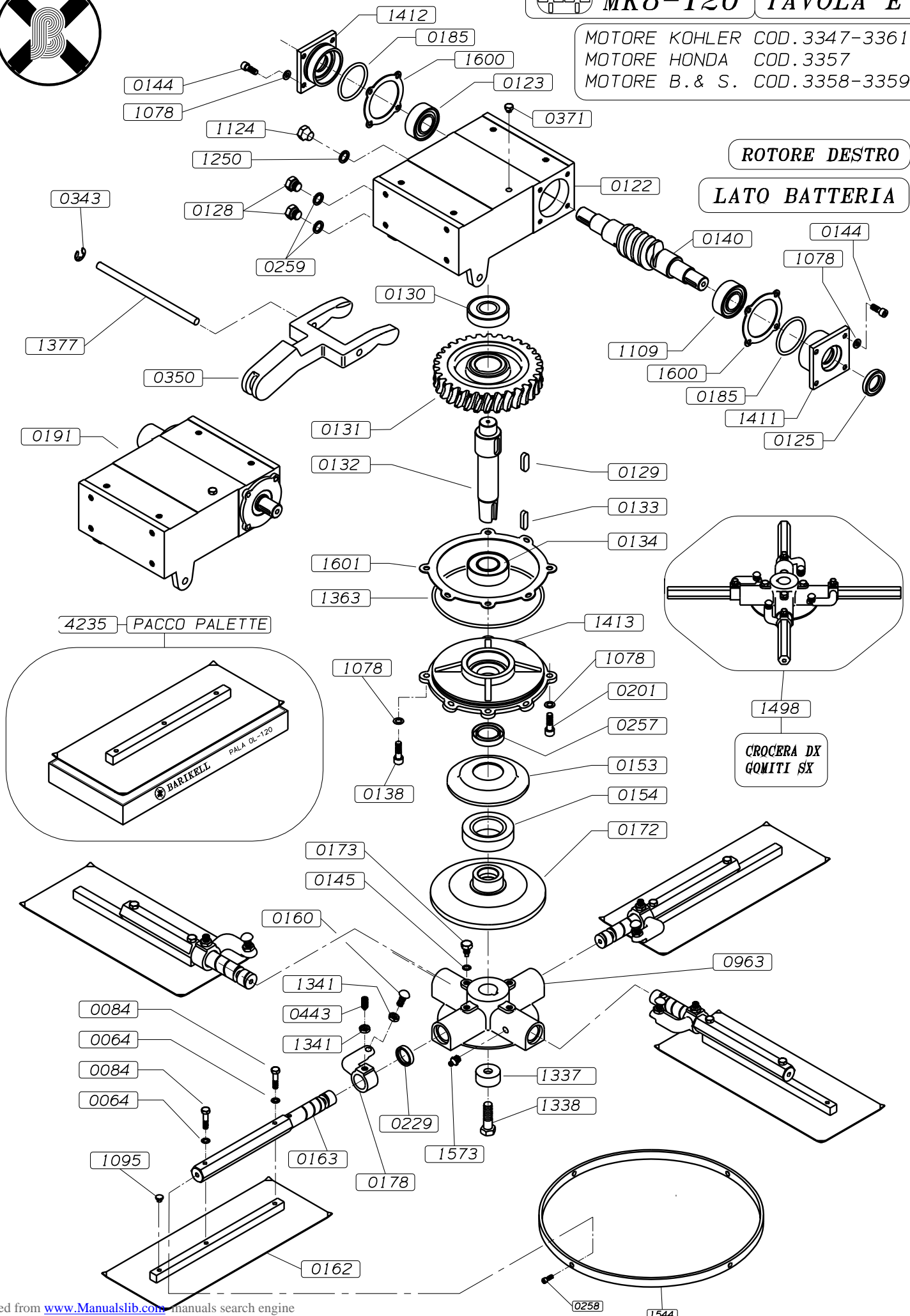


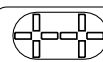
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ROTORE DESTRO

LATO BATTERIA





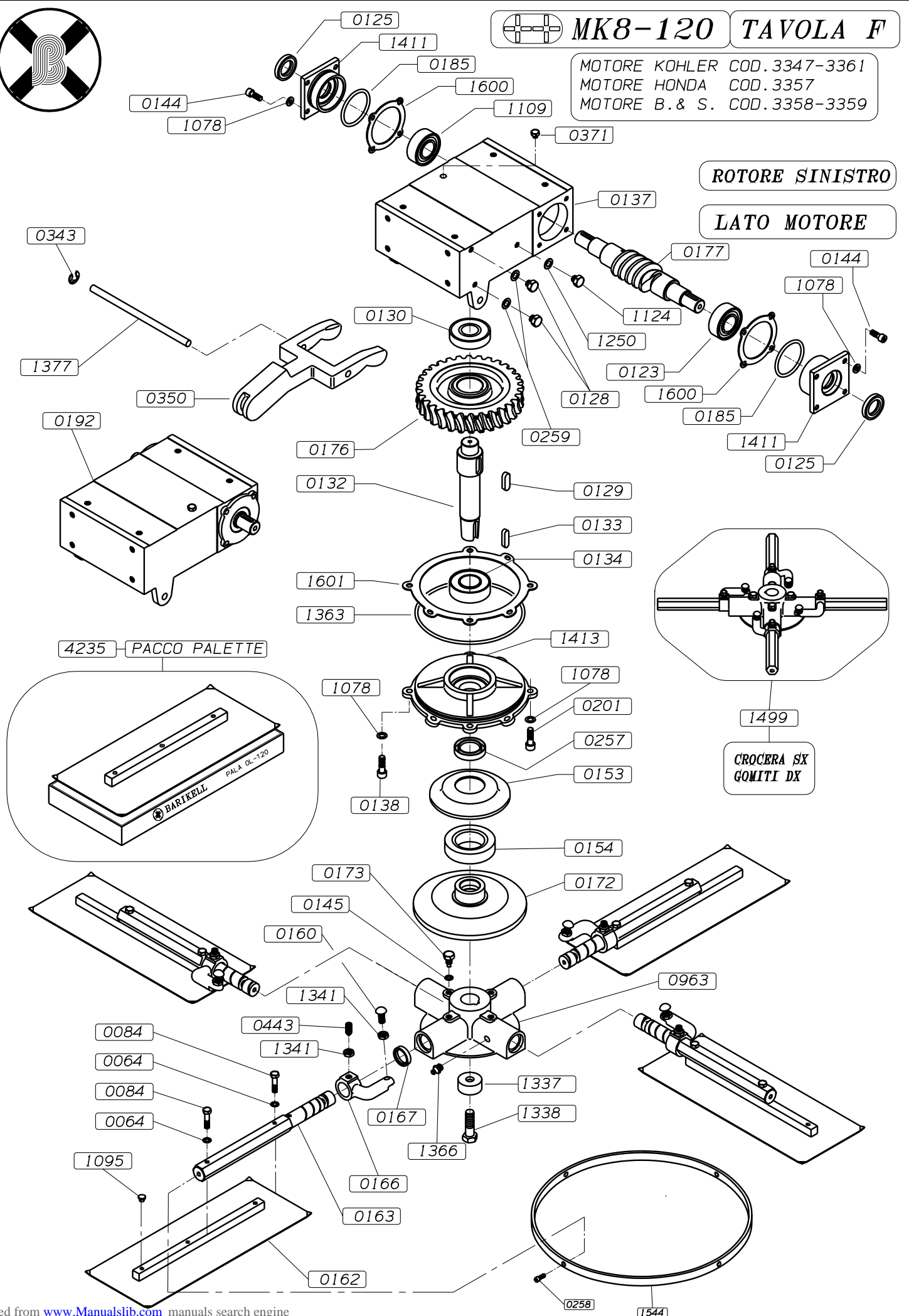
**MK8-120**

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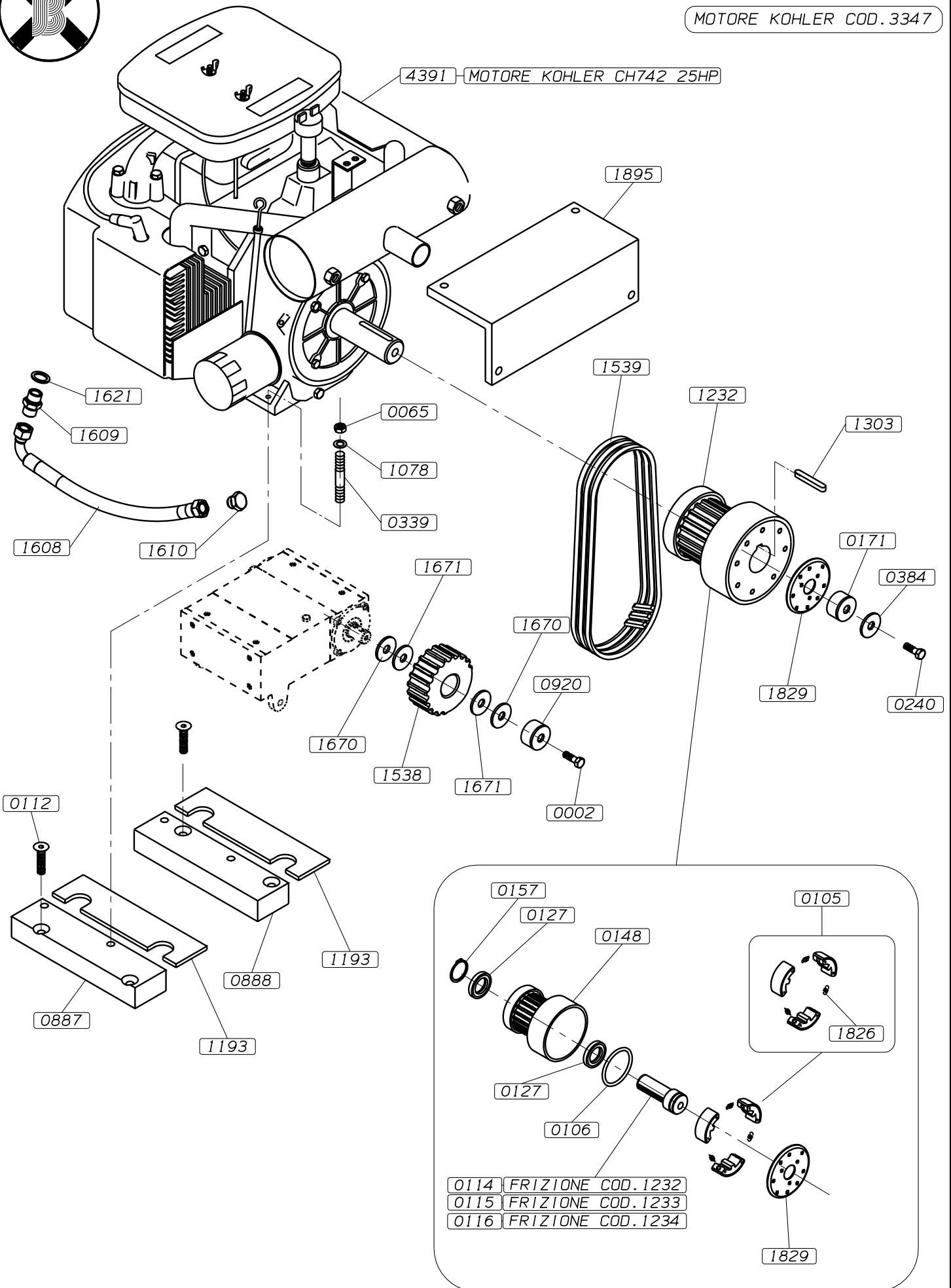
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**ROTORE SINISTRO**

**LATO MOTORE**

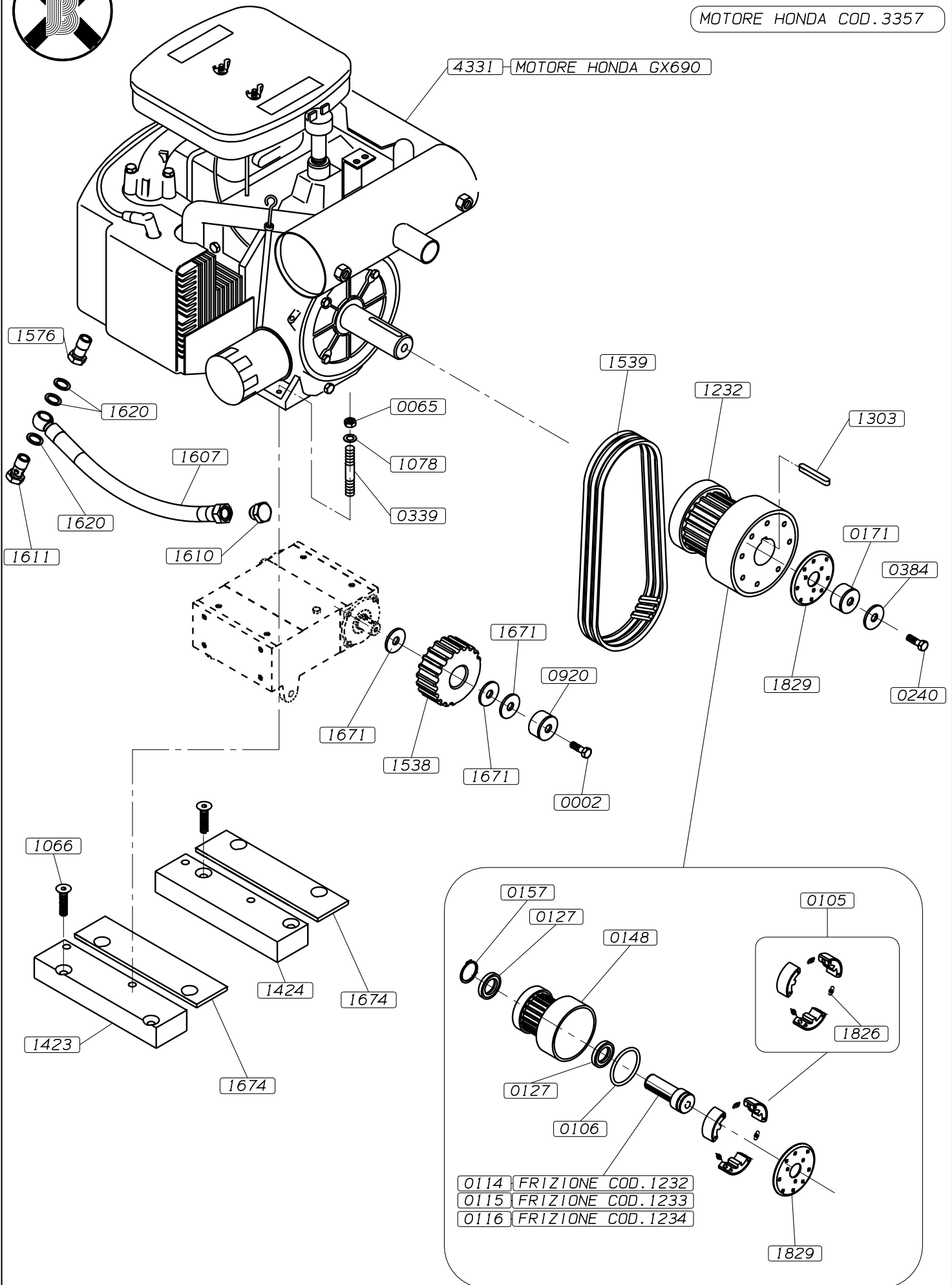








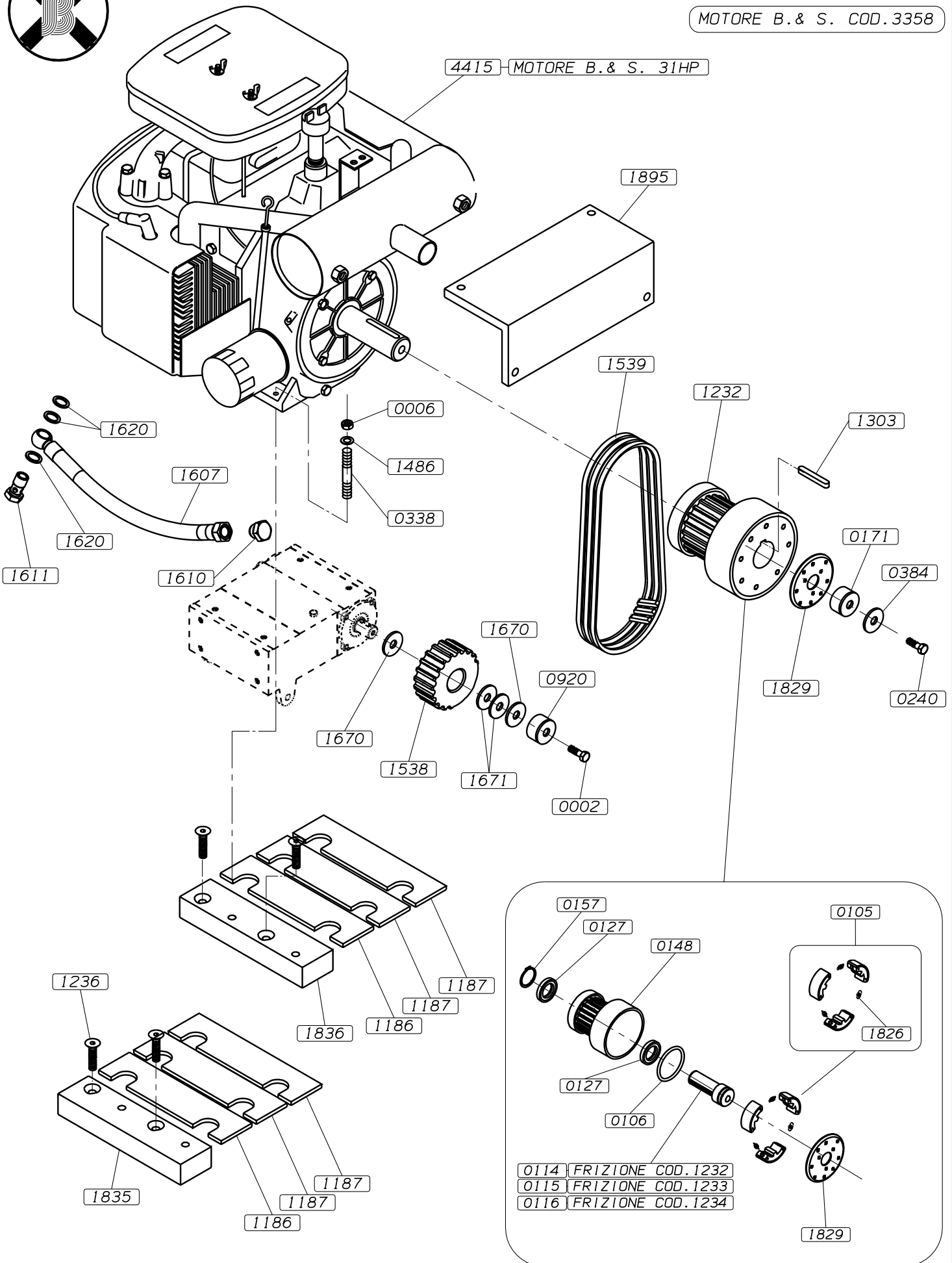
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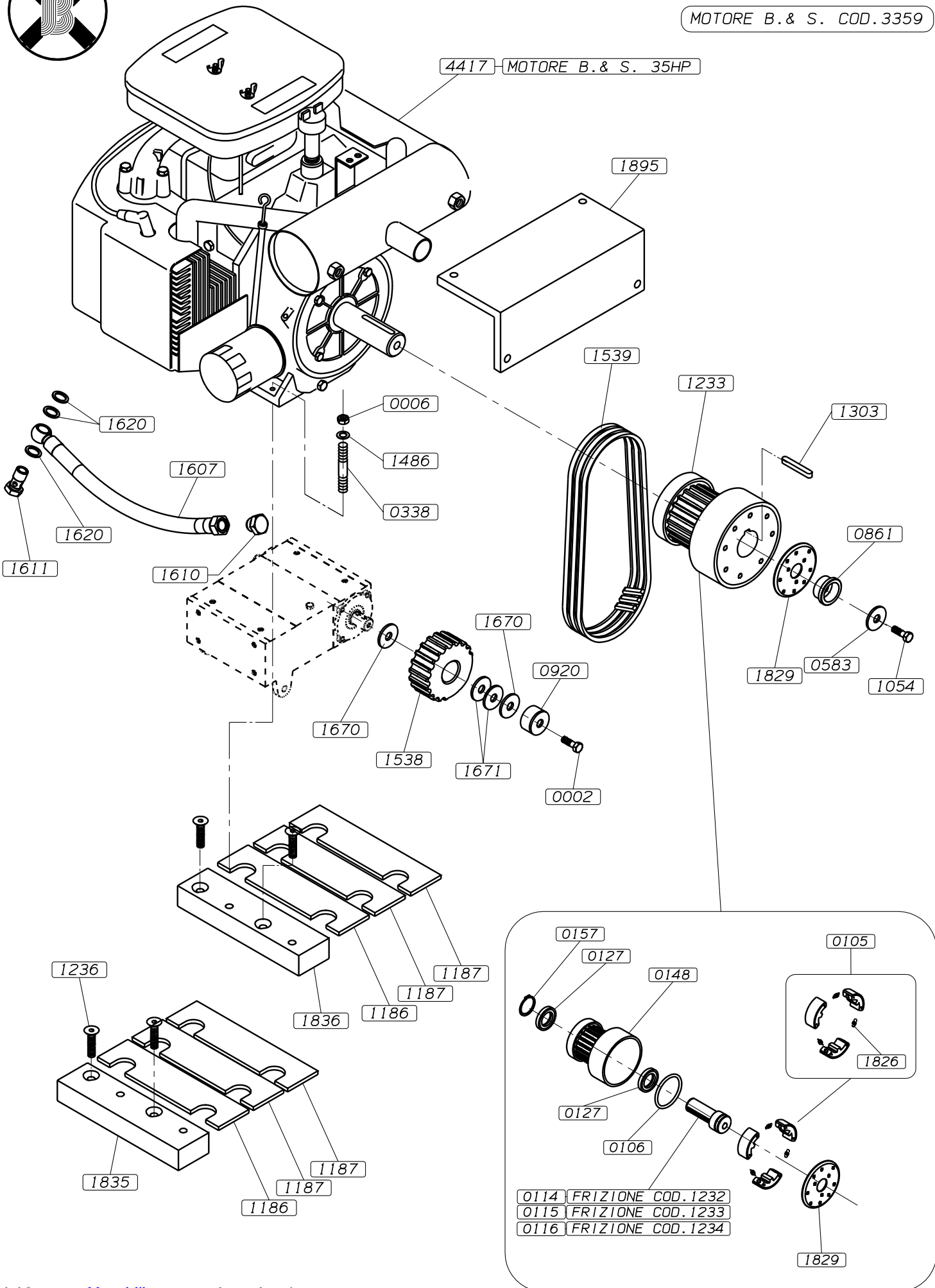
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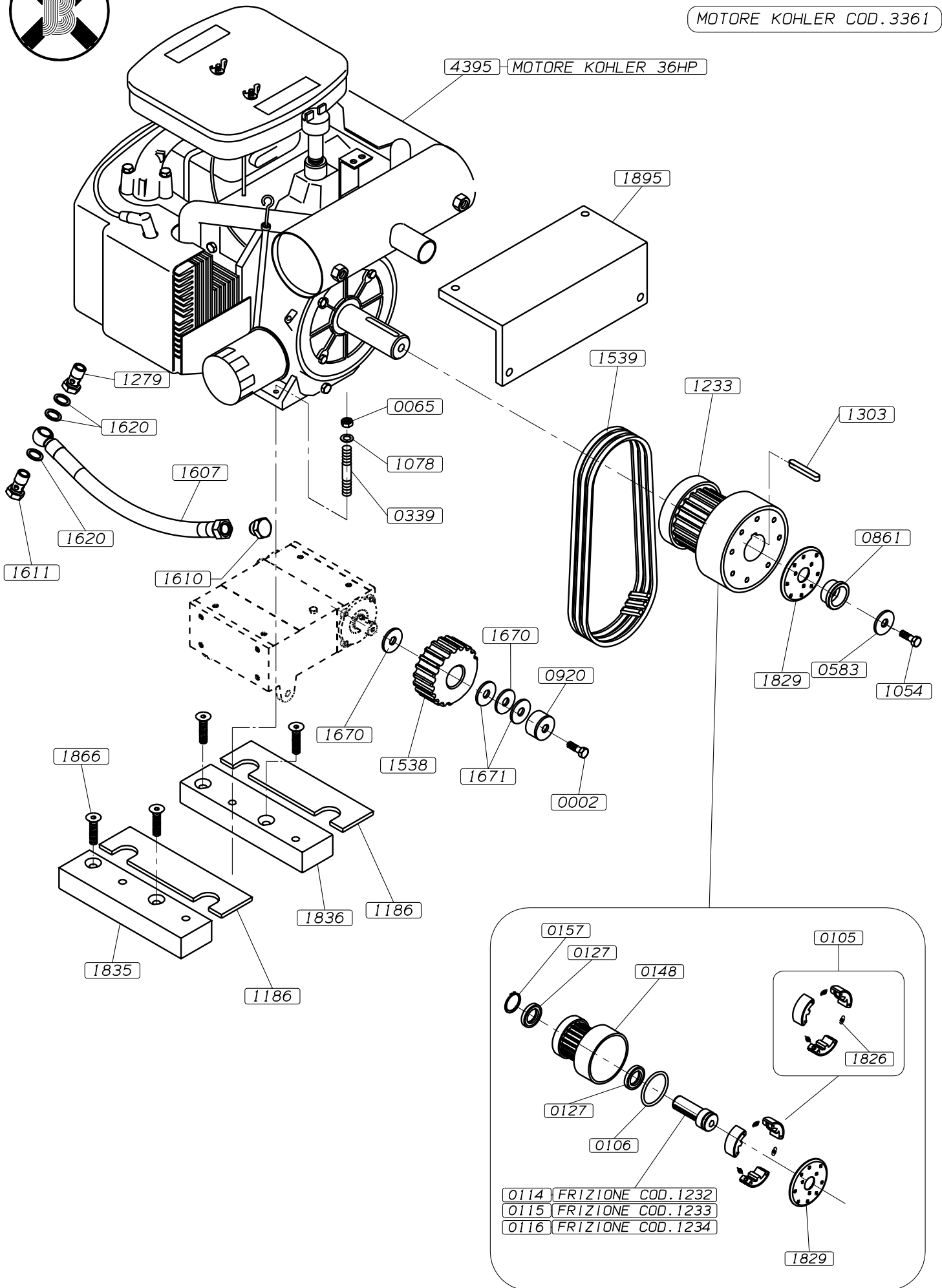


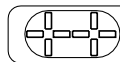


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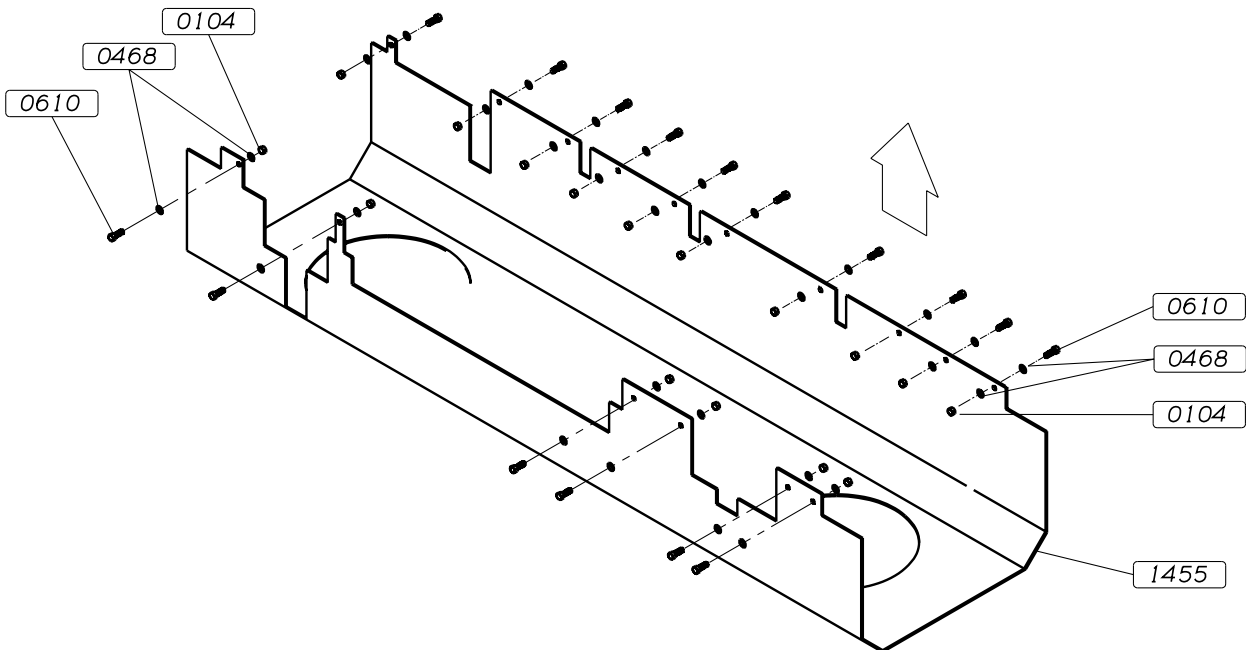
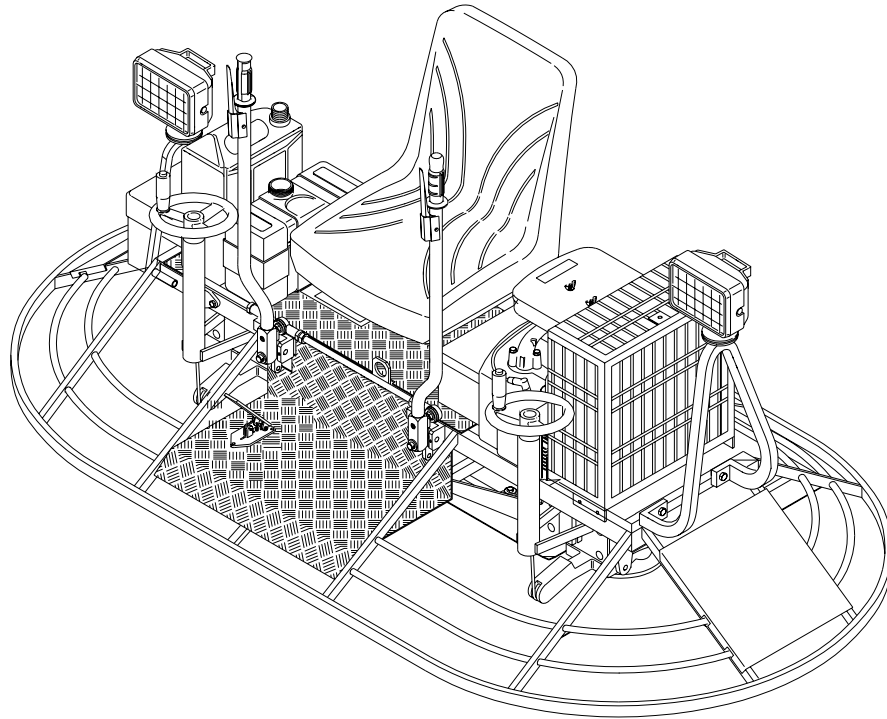
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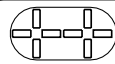
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MOTORE HONDA COD.3357

MOTORE B. & S. COD.3358-3359



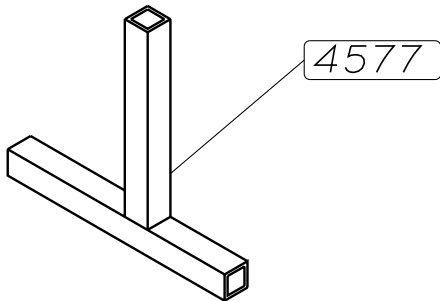
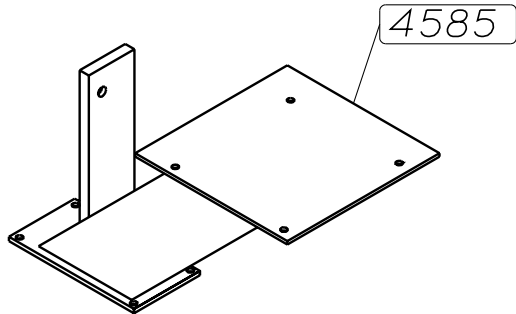


MK8-120

TAVOLA I

MOTORE KOHLER COD. 3347  
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MOTORE B. & S. COD. 3358-3359

OPTIONAL



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