

# **INSTRUCTION MANUAL**

## **RIDE ON POWER TROWEL**

—

### **BT1200HH37TC**



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BE 0821.249.312

Use this guide along with the parts lists attached to locate and identify components of your trowel. When ordering replacement parts, be sure to provide the model number and serial number from the trowel.

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## 1. FOREWORD

### Quality assurance / machine break in

The Beton Trowel Ride-on Trowel is the product of extensive engineering development designed to give long life and unmatched performance. Once machines are fully assembled, a run-in test is performed to ensure quality standards of the highest level. A series of operational tests are conducted on concrete, incorporating a phase of operations at 1/2 to 3/4 throttle and a final run phase at full throttle for a minimum of 20 minutes.

You can help ensure that your Ride-on will perform at top levels by observing a simple routing on first use. Consider that your new Ride-on Trowel is like a new car. Just as you would break in a new car to the road or any new machine to the job, you should start gradually and build up to full use. Learn what your machine can do and how it will respond. Refer to the engine manufacturer's manual for run-in times. Full throttle and control may be used after this time period, as allowed by material. This will serve to further break in the machine on your specific application, as well as provide you with additional practice using the machine.

We thank you for the confidence you have placed in us by purchasing a Beton Trowel Ride-on Trowel and wish you many years of satisfied use.

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### 3. SAFETY PRECAUTIONS

- ❖ Always keep unauthorized, inexperienced, untrained people away from this machine.
- ❖ Rotating and moving parts will cause injury if contacted. Make sure guards are in place. Keep hands and feet away from moving parts.
- ❖ Fuel the machine only when the engine is stopped, using all necessary safety precautions.
- ❖ The engine must always be stopped before attempting any repair or adjustments. Ignition key should be off.



Danger: Never operate the machine in an explosive atmosphere, near combustible materials or where ventilation does not clear exhaust fumes. Repair fuel leaks immediately.

Refer to your engine owner's manual for more safety instructions.

- ❖ Be careful not to come in contact with the muffler when the engine is hot, serious burns may result!
- ❖ Always operate the machine in a seated position to maintain machine balance.
- ❖ The transporter is designed for moving the unit around the job site only. It is not to be used for towing the Ride-On unit off-site.
- ❖ When starting the trowel, do not exceed the ¼ throttle position as recommended. A higher setting could cause the centrifugal clutch to engage, turning the trowel blades.
- ❖ Be careful with the trowel around stub pipes or other obstructions on the floor. Should the machine catch, or hit such an obstruction, serious damage may result to the machine, or operator may be thrown from the machine.
- ❖ Excess surface water may result in sudden loss of control of steering.
- ❖ Disconnect battery before attempting any electrical maintenance.
- ❖ Ensure the electrical deadman left side foot pedal is operating. Depress pedal to start the engine and release to stop the engine

## 4. OPERATING INSTRUCTIONS

### STARTING PROCEDURES – WARM TEMPERATURES

- ❖ Ensure the Battery Isolator switch is turned on. It is a Red Key located on top of the machine to the left of the operator
- ❖ Prior to starting the trowel, check the engine and gearbox oil levels. Be sure the fuel tank is full.
- ❖ Fuel is not shipped with the unit. Check engine and gearbox oil levels. WARRANTY IS VOID IF RUN WITHOUT OIL.  
Fill tank with safety approved fuel containers. DO NOT MIX OIL WITH FUEL.
- ❖ Maintain left foot pressure on the dead-man safety switch. Engine will disengage and stop if safety switch is released. Do not tape, tie-down, or otherwise attempt to bypass safety device..
- ❖ Pull out the choke knob. Depress left foot pedal to engage safety stop switch. Turn the ignition key all the way. When engine starts push back in the choke knob. Allow the engine to warm up before commencing work.

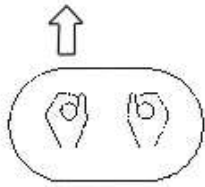
### STARTING PROCEDURES – COLD TEMPERATURES

Follow same procedure as above but allow for a longer warm up period 3-5 min. (In cold weather oil is much heavier to move. Extra time is required to heat the oil.)

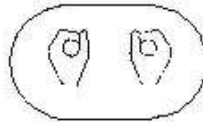
### TO STOP ENGINE

- ❖ Bring throttle to low idle, wait a few seconds.
- ❖ Remove left foot from dead-man safety switch.
- ❖ Turn off ignition key.

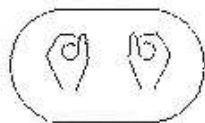
## STEERING



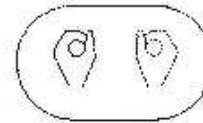
**FORWARD**



**REVERSE**



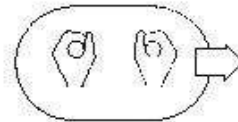
**CLOCKWISE**



**C-CLOCKWISE**



**LEFT**



**RIGHT**

Guiding the machine on the slab is quite simple but does require some familiarity before actually working with the machine. The controls respond as shown in figure 2a below. Test the machine on a finished Section of the floor, with the blades in a flat position, and the engine at a low revolution to gain the necessary feel for the steering.

For straight line movement, move both handles as one in the direction you wish to travel. Move the handles in opposite directions to produce rotation on the machines axis. Left handle forward, right handle backward for clockwise rotation. Left handle backward, right handle forward, for counter-clockwise rotation. Sideways direction is achieved by sideways movement of the right handle in the required direction of travel.



**WARNING: SERIOUS INJURY OR PROPERTY DAMAGE MAY RESULT DUE TO TEMPORARY LOSS OF CONTROL IF OPERATED WITH EXCESS LIQUID ON THE CONCRETE SURFACE.**

### **FLOAT/TROWEL PITCH SETTING**

Once you are familiar with the steering functions on a flat floor, you are ready to combine the steering with float/trowel pitch settings to produce the finish you require. The pitch adjustment feature of the Beton Trowel RIDE-ON TROWEL permits quick and accurate pitch changes of the finishing/float blades, without having to stop the machine. Turning the adjustment crank-handle at the end of the pitch control tubes enables you to change the pitch whenever necessary to allow for varying conditions over the slab surface. Each spider plate is adjusted independently. The pitch setting will affect the steering of your unit. Experiment with the settings as you test drive so you will know what to expect.



**CAUTION:** Do not let the machine stand in one spot on the soft concrete; This may place unnecessary strain on the clutch to break it free of the concrete. If the unit has been sitting for any length of time, break it free from the concrete before attempting operation.



**CAUTION:** When finishing concrete above grade, erect a situation barrier along the edge of the slab as a protective measure. The barrier must follow all applicable codes and should be such that it will stop the trowel from riding over the edge of the slab in case of loss of control.

## **5. MAINTENANCE**

### **PREVENTATIVE MAINTENANCE AND ROUTINE SERVICE PLAN**

This trowel has been assembled with care and will provide years of service. Preventative maintenance and routine service are essential to the long life of your trowel. Your dealer is interested in your new machine and has the desire to help you get the most value from it. After reading through this manual thoroughly, you will find that you can do some of the regular maintenance yourself. However, when in need of parts or major service, be sure to see Beton Trowel.

#### **GENERAL**

- Keep engine oil clean. Change according to engine manufacturer's specifications.
- Maintain the oil levels in the engine and gearbox assemblies. Change as required.
- Use only clean fuel in the engine.
- Check for loose nuts and bolts on the trowel and tighten as necessary.
- Check "V" belts for wear, replace if worn.
- Grease all fittings daily. See diagram.
- Clean the unit after every use to prevent hardening of concrete residue. Hard concrete is very difficult to remove, greatly increases weight and reduces efficient subsequent operation of unit.
- Check clutch linings regularly for wear. Linings should be changed when 3/4 worn. Do not allow metal to metal contact as this will damage the clutch drum. (New lining is 8mm.)

### **AIR CLEANER**

Maintaining a clean engine will extend engine life. Keep air filter clean at all times. Clean air filter using the recommended solvent. See engine manual for proper cleaning procedure. Let the filter dry before reinstalling.

### **SPARK PLUG**

Check and clean spark plugs regularly. A fouled, dirty spark plug causes hard starting and poor engine performance. Set spark plug gap to recommended clearance. Refer to engine manual.

### **BELT CHANGE PROCEDURE**

Remove belt cover from the machine to expose the drive components. To change the primary drive belt, remove clutch from engine drive shaft, by removing bolt from the clutch. This releases belt from both the clutch and driven unit.

### **BELT TENSIONING SPECIFICATIONS**



NOTE: Belts may become slightly loose after the first few hours of operation. It is important to retention the belts with the tool provided and use the table given as reference.

## **LUBRICATION**

### **ENGINE OIL**

The long life and successful operation of any piece of machinery is dependent on frequent and thorough lubrication.

Before using the trowel, always check your engine for oil. Use proper engine oil as recommended in the engine manufacturer's manual. Fill crankcase to levels as recommended.

### **SPIDER PLATE**

There are 8 (eight) grease fittings on the spider plates, 4 (four) on each must be greased daily.

**SPIDER PLATES MUST BE GREASED EVERY TIME MACHINE IS USED.**

### **GEARBOX**

Check the oil level sight plugs on both gearboxes daily to ensure the oil is half way on the sight glass. Top up with Agma 8 compounded gear oil only. Gearbox capacity on the BT900 is 27oz./767ml.

### **TO CHANGE GEARBOX OIL**

Place a pan beneath the drain plug to catch the oil. Remove the drain plug and the filler plug from the gearbox. After the oil has drained completely, replace the drain plug and tighten. Fill the gearbox through the filler plug with 27oz./767ml. of Agma 8

compounded gear oil. Replace the filler plug and tighten.

### **GREASE FITTINGS**

There are 6 bearings in total. Grease all bearings and U-joints to ensure adequate supply of lubricant. They are located above the gearboxes (2 per gearbox) and

2 located in the drive system. The U-joints are located in the drive system as well

## SERVICE

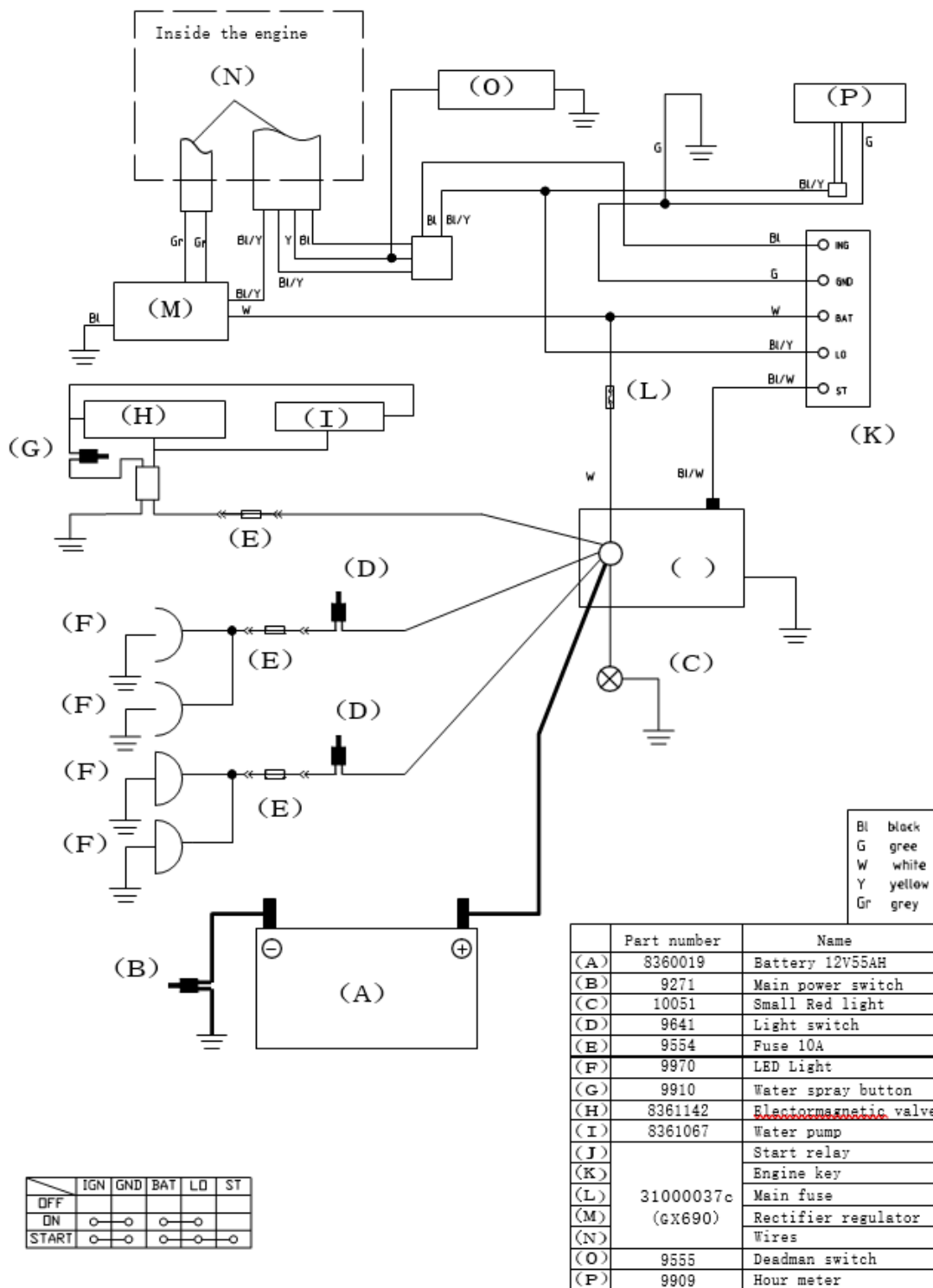
Due to the nature and environment of use, power trowels are exposed to severe operating conditions. Some general maintenance guidelines will extend the useful life of your trowel.

- ❖ The initial service for your power trowel should be performed after 25 hours of use, at which time your mechanic (or authorized repair shop) should complete all of the recommended checks in the schedule above.
- ❖ Regular service according to the schedule above will prolong the life of the power trowel and prevent expensive repairs.
- ❖ Keeping your power trowel clean and free from concrete residue is the single most important regular maintenance operation, over and above the checks in the service schedule above, that can be performed.
- ❖ Components such as oil seals, belts, drive line parts and bearings are prone to premature wear from exposure to concrete residue. Using a spray-on release agent on your power trowel before each use will make clean-up after use easy and extend the time between replacement of most of the wearing components of the machine.
- ❖ After each use your power trowel should be cleaned to remove any concrete residue from the undercarriage and surrounding components. Use of a power washer will make clean up quick and easy, especially if a release agent was applied prior to use.
- ❖ For all fuel-line powered trowels the governed speed of the engine is 2000 to 3600 rpm. See engine manufacturer's manual for exact specifications. Care should be used when making any adjustments to the power trowel not to change the governed speed. Increasing the governed speed of the engine may lead to premature failure and void the manufacturer's warranty.
- ❖ Failure to have your power trowel regularly serviced and properly maintained in accordance with the manufacturer's instructions will lead to premature failure and void the warranty.

## 6. LABELS

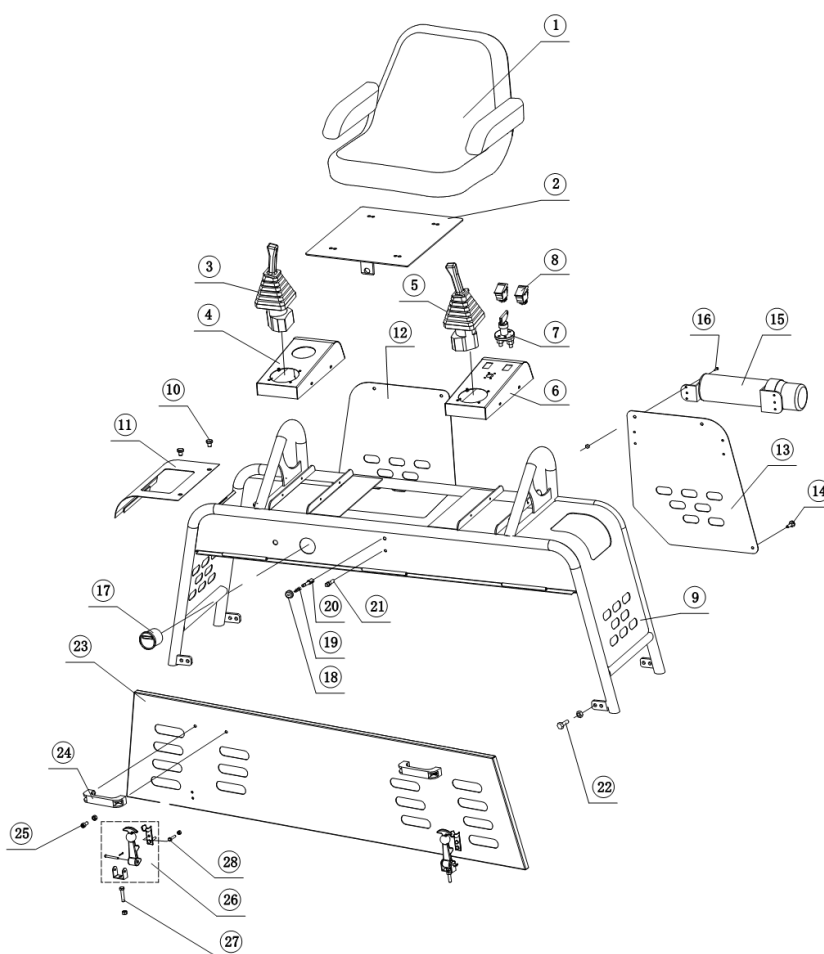
| SAFETY PRECAUTIONS                                                                  |                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p> <b>DANGER</b></p> <p><b>EXPLOSION HAZARD</b><br/>Never operate the machine in an explosive atmosphere, near combustible materials or where ventilation does not clear exhaust fumes.</p>                       |
|    | <p><b>WARNING</b></p> <p><b>BURN HAZARD</b><br/>Never come into contact with the engine or muffler when engine is operating or shortly after it is turned off. Serious burns may occur.</p>                                                                                                         |
|  | <p> <b>CAUTION</b></p> <p><b>ROTATING HAZARD</b><br/>Never place hands or feet inside safety guard rings. Serious injury will result from contact with rotating blades.</p>                                      |
|  | <p> <b>CAUTION</b></p> <p><b>MOVING PARTS</b><br/>Before starting the machine ensure that all guards and safety devices are in place and functioning properly.</p>                                               |
|  | <p> <b>ATTENTION</b></p> <p><b>READ OWNERS MANUAL</b><br/>Read and understand operator's manual before using this machine. Failure to follow operating instructions could result in serious injury or death.</p> |

## ELECTRICAL WIRING SCHEME



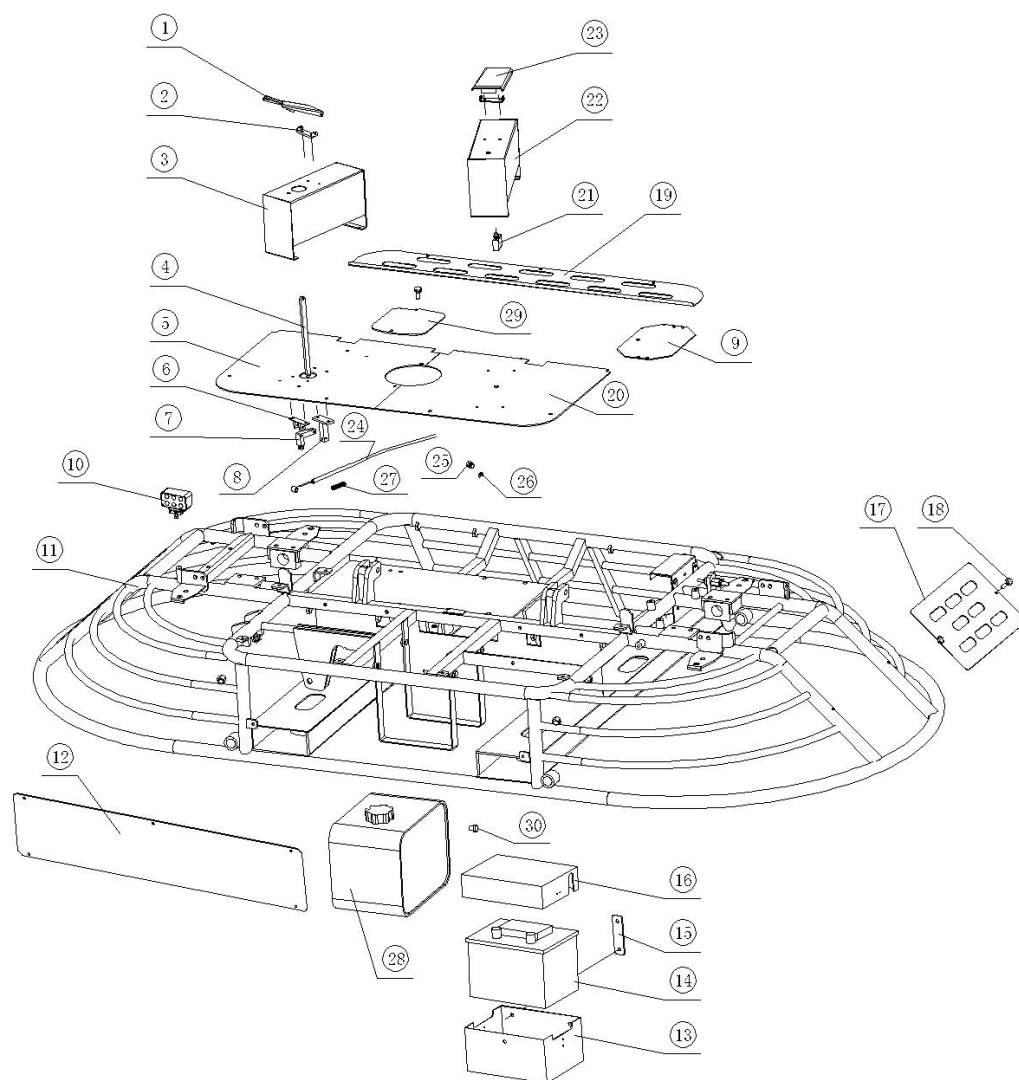
## 7. PARTS

### FRAMEWORK



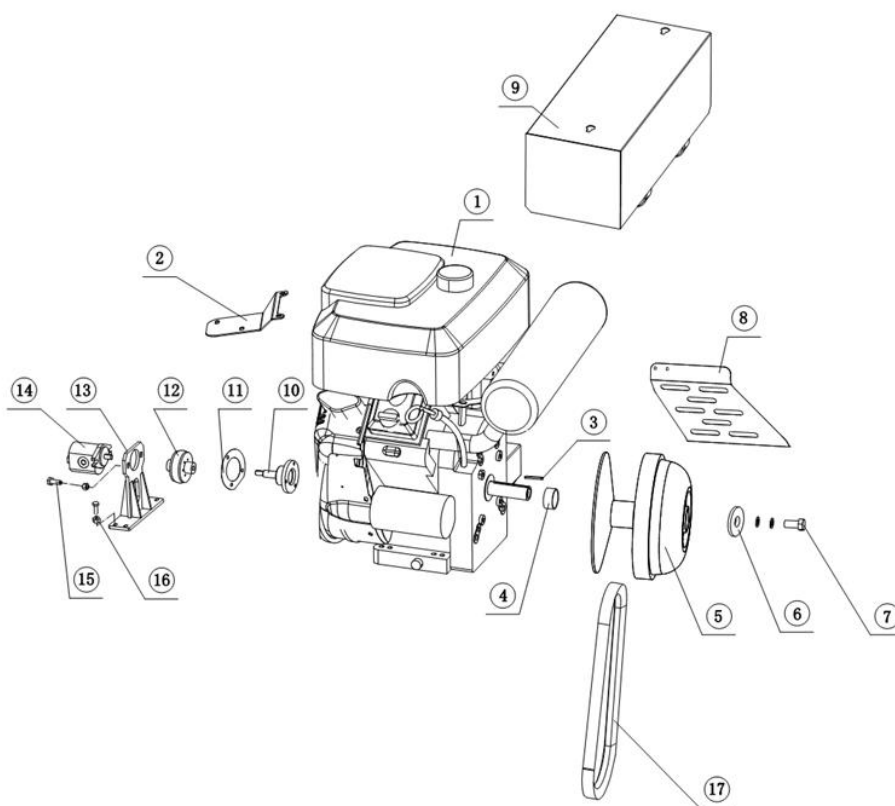
| Item No. | Part No.   | Description             | Qty. |
|----------|------------|-------------------------|------|
| 1        | 836H0453F  | SEAT                    | 1    |
| 2        | 846G8200   | SEAT PLATE              | 1    |
| 3        | 9801Y      | HYDRAULIC CONTROL LEVER | 1    |
| 4        | 846GH8604  | CONTROL LEVER BASE      | 1    |
| 5        | 9801Z      | HYDRAULIC CONTROL LEVER | 1    |
| 6        | 846GH8603  | CONTROL LEVER BASE      | 1    |
| 7        | 9271       | BLOCKING SWITCH         | 1    |
| 8        | 9641       | LIGHT SWITCH            | 2    |
| 9        | 846GH8100  | UPPER FRAME             | 1    |
| 10       | 846B080021 | SCREW                   | 3    |
| 11       | 846GH8601  | SIDE PLATE              | 1    |
| 12       | 846G8413   | PANEL                   | 1    |
| 13       | 846G8412   | PANEL                   | 1    |
| 14       | 9121       | LOCKING KNOB            | 1    |
| 15       | 9593       | MANUAL HOLDER           | 1    |
| 16       | 9220       | BOLT                    | 4    |
|          | 9023       | NUT                     | 4    |
| 17       | 9909       | HOUR METER              | 1    |
| 18       | 1046H8301  | SEAT FASTENER           | 1    |
| 19       | 1046H8304  | SPRING                  | 1    |
| 20       | 1046H8302  | PIN                     | 1    |
| 21       | 10051      | INDICATOR LIGHT         | 1    |
| 22       | 9018       | BOLT                    | 8    |
|          | 9016       | NUT                     | 8    |
| 23       | 846GH8405  | FRONT PANEL             | 1    |
| 24       | 9678       | GRIP                    | 2    |
| 25       | 9118       | BOLT                    | 4    |
|          | 9236       | NUT                     | 4    |
| 26       | 10074      | QUICK RELEASE HASP      | 2    |
| 27       | 9262       | BOLT                    | 2    |
|          | 9236       | NUT                     | 2    |
| 28       | 9220       | BOLT                    | 4    |
|          | 9023       | NUT                     | 4    |

## GUARD RING



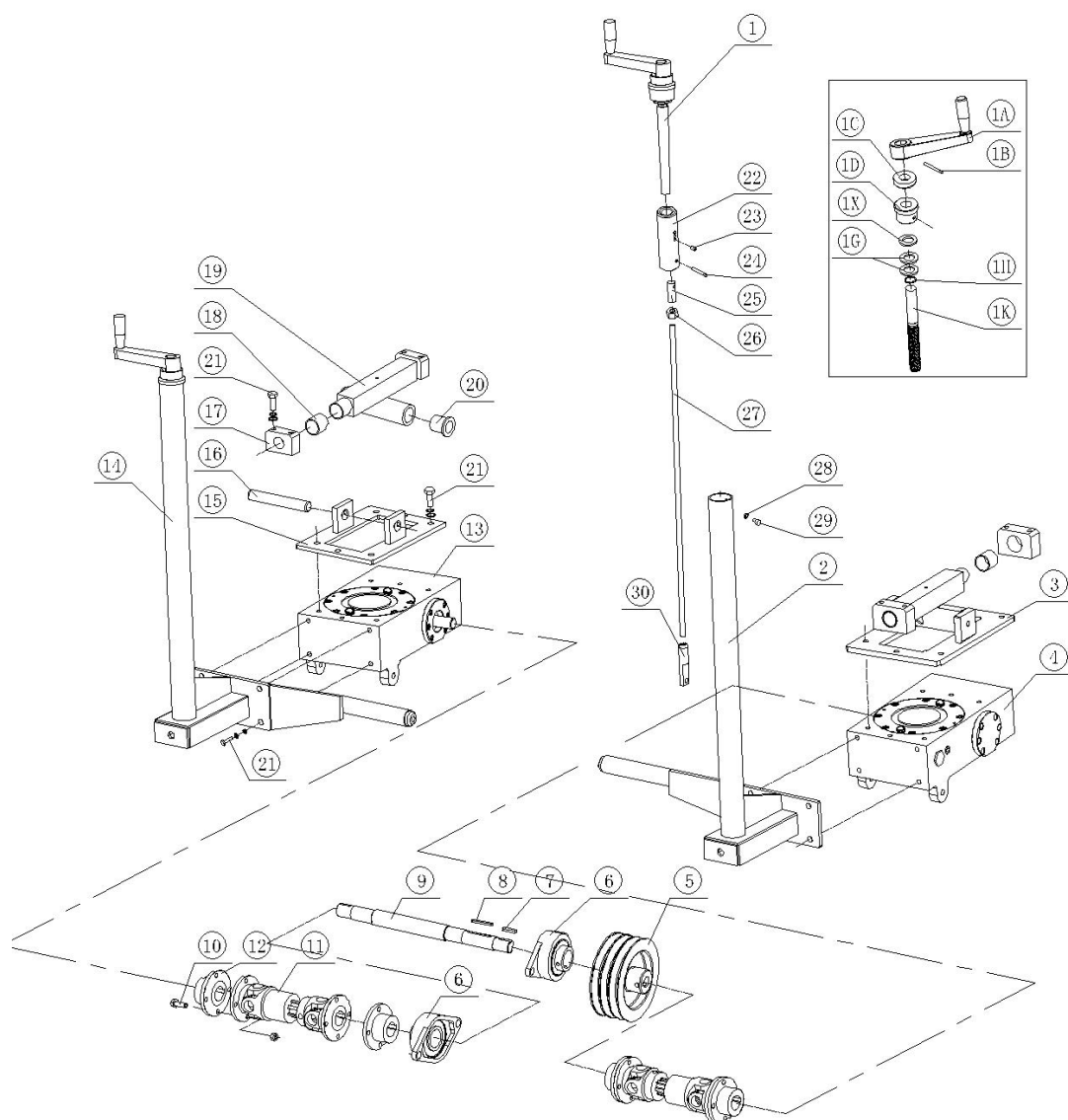
| Item No. | Part No.  | Description         | Qty. |
|----------|-----------|---------------------|------|
| 1        | 8360592a  | THROTTLE PEDAL      | 1    |
| 2        | 8360592C  | PEDAL CONNECTING    | 2    |
| 3        | 846G4200  | SUPPORT             | 1    |
| 4        | 846G4001  | CONNECTING ROD      | 1    |
| 5        | 846GH8504 | PLATE               | 1    |
| 6        | 8361426   | CONNECTOR           | 1    |
| 7        | 8361431   | CONNECTOR           | 1    |
| 8        | 8361428   | CONNECTOR           | 1    |
| 9        | 846G7111  | PLATE               | 2    |
| 10       | 9970      | LED LIGHT           | 4    |
| 11       | 846GH1100 | GUARD RING          | 1    |
| 12       | 846G8404  | PANEL               | 1    |
| 13       | 8360464   | BATTERY BOX         | 1    |
| 14       | 8360019   | BATTERY             | 1    |
| 15       | 846G8401  | CONNECTING PLATE    | 3    |
| 16       | 8360463   | BOX COVER           | 1    |
| 17       | 846G8402  | PANEL               | 2    |
| 18       | 10010053  | LOCKING KNOB        | 4    |
| 19       | 846G8409  | PANEL               | 1    |
| 20       | 846GH8503 | PLATE               | 1    |
| 21       | 9555      | SAFETY SWITCH       | 1    |
| 22       | 846G4300  | SUPPORT             | 1    |
| 23       | 8361062a  | SAFETY SWITCH PEDAL | 1    |
| 24       | 8361450   | THROTTLE CABLE      | 1    |
| 25       | 10010052  | CABLE HOLDER        | 1    |
| 26       | 10010007  | CIRCLIP             | 1    |
| 27       | 9411      | SPRING              | 1    |
| 28       | 10010054  | WATER TANK          | 1    |
| 29       | 846GH8501 | PLATE               | 1    |
| 30       | 846GH8001 | SCREW               | 4    |

## POWER SYSTEM



| Item No. | Part No.   | Description     | Qty. |
|----------|------------|-----------------|------|
| 1        | 31000046   | VANGUARD 37HP   | 1    |
| 2        | 846GH2200  | MOUNTING PLATE  | 1    |
| 3        | 9155       | KEY             | 1    |
| 4        | 846G8700C  | SPACER          | 1    |
| 5        | 9991       | DRIVE CLUTCH    | 1    |
| 6        | 846A030006 | SPACER          | 1    |
| 7        | 9999       | BOLT            | 1    |
|          | 8360064    | SPRING WASHER   | 1    |
|          | 9244       | WASHER          | 1    |
| 8        | 846G8500C  | BELT GUARD      | 1    |
| 9        | 846GH8300  | HEAT SHIELD     | 1    |
| 10       | 846GH3004C | FLANGE SHAFT    | 1    |
| 11       | 846GH3001C | GASKET          | 1    |
| 12       | 9809       | RUBBER COUPLING | 1    |
| 13       | 846GH2100  | PUMP MOUNTING   | 1    |
| 14       | 9811       | HYDRAULIC PUMP  | 1    |
| 15       | 9313       | BOLT            | 2    |
|          | 9016       | NUT             | 2    |
| 16       | 9232       | BOLT            | 4    |
|          | 9236       | NUT             | 4    |
| 17       | 9990A      | BELT            | 1    |

## STEERING SYSTEM



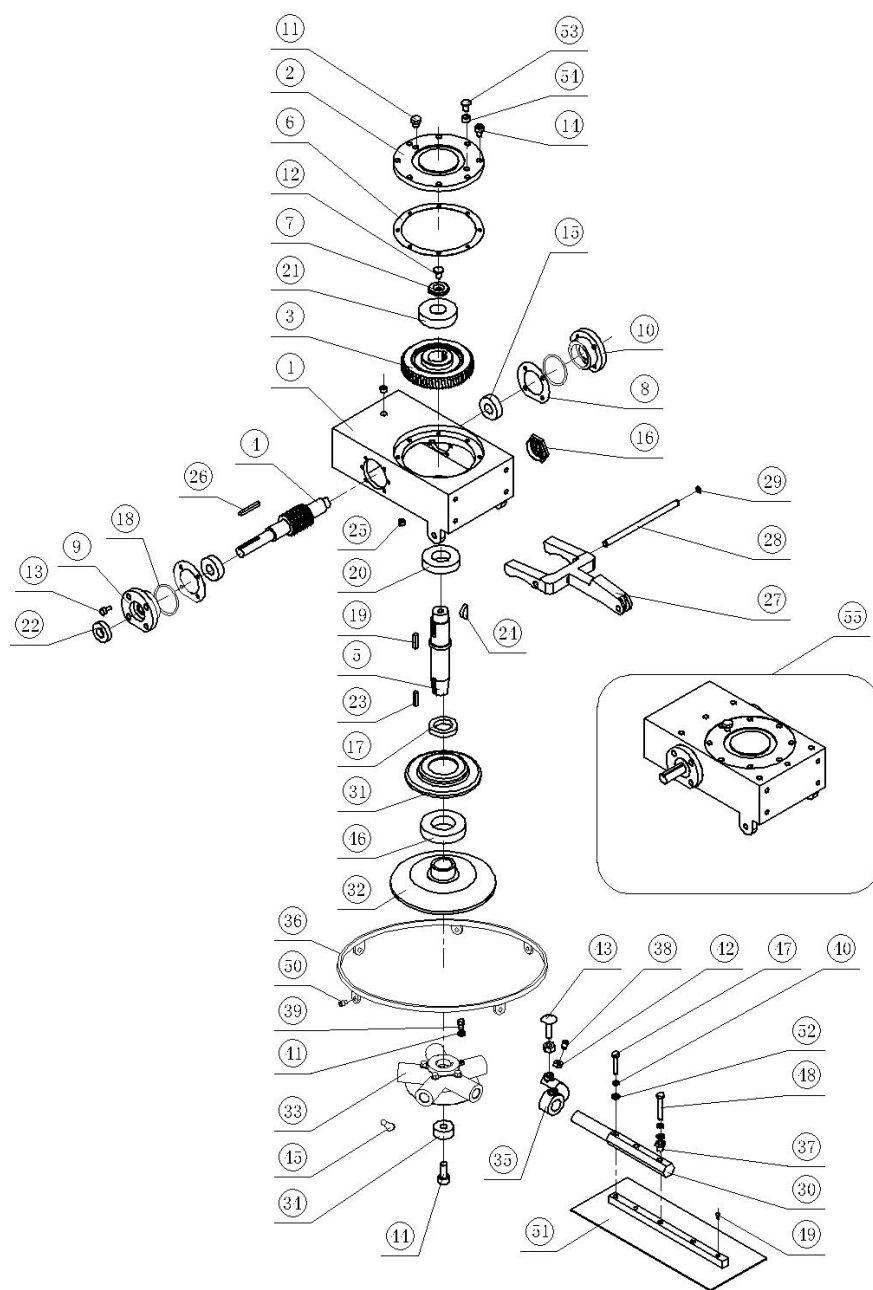
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E-mail: [info@betontrowel.com](mailto:info@betontrowel.com) - [www.betontrowel.com](http://www.betontrowel.com)  
BE 0821.249.312

| Item No. | Part No.    | Description            | Qty. |
|----------|-------------|------------------------|------|
| 1        | 846A055000  | PITCH CONTROL ASSY     | 2    |
| 1A       | B8360470    | PITCH HANDLE           | 2    |
| 1B       | 9157A       | PIN                    | 2    |
| 1C       | 9025        | BEARING                | 2    |
| 1D       | 846A050004  | BUSHING                | 2    |
| 1G       | 4365504     | SPACER                 | 4    |
| 1H       | 9027        | CIRCLIP                | 2    |
| 1K       | 4365503     | ADJUST SHAFT           | 2    |
| 1X       | 9033        | WASHER                 | 2    |
| 2        | 846GH5400   | BRACKET, LEFT          | 1    |
| 3        | 846G5100    | HANGING BRACKET, LEFT  | 1    |
| 4        | 846A060000L | GEARBOX, LEFT          | 1    |
| 5        | 9992        | DRIVEN PULLEY          | 1    |
| 6        | 9465        | BEARING                | 2    |
| 7        | 9707        | KEY                    | 2    |
| 8        | 9981        | KEY                    | 2    |
| 9        | 846G3200C   | INTERMEDIATE SHAFT     | 1    |
| 10       | 9701        | BOLT                   | 16   |
| 11       | 846A030300  | COUPLING               | 2    |
| 12       | 846A030004  | FLANGE                 | 4    |
| 13       | 846A060000R | GEARBOX, RIGHT         | 1    |
| 14       | 846GH5500   | BRACKET, RIGHT         | 1    |
| 15       | 846G5200    | HANGING BRACKET, RIGHT | 1    |
| 16       | 846A050001  | SHAFT                  | 1    |
| 17       | 1046H5108   | SHAFT BASE             | 4    |
| 18       | 9634        | BEARING                | 4    |
| 19       | 836G5300    | CROSS SHAFT            | 1    |
| 20       | 846A050107  | BUSHING                | 2    |
| 21       | 9018        | BOLT                   | 20   |
|          | 9047        | WASHER                 | 20   |
|          | 9046        | SPRING WASHER          | 20   |
| 22       | 846A050006  | BUSHING                | 2    |
| 23       | 9028        | SCREW                  | 2    |
| 24       | 9610        | PIN                    | 2    |
| 25       | 846A050008  | CONNECTOR              | 2    |
| 26       | 9091        | NUT                    | 4    |
| 27       | 846A050005  | ROD                    | 2    |
| 28       | 9022        | SPRING WASHER          | 2    |

---

| Item No. | Part No.   | Description | Qty. |
|----------|------------|-------------|------|
| 29       | 9093       | BOLT        | 2    |
| 30       | 846A050007 | CONNECTOR   | 2    |

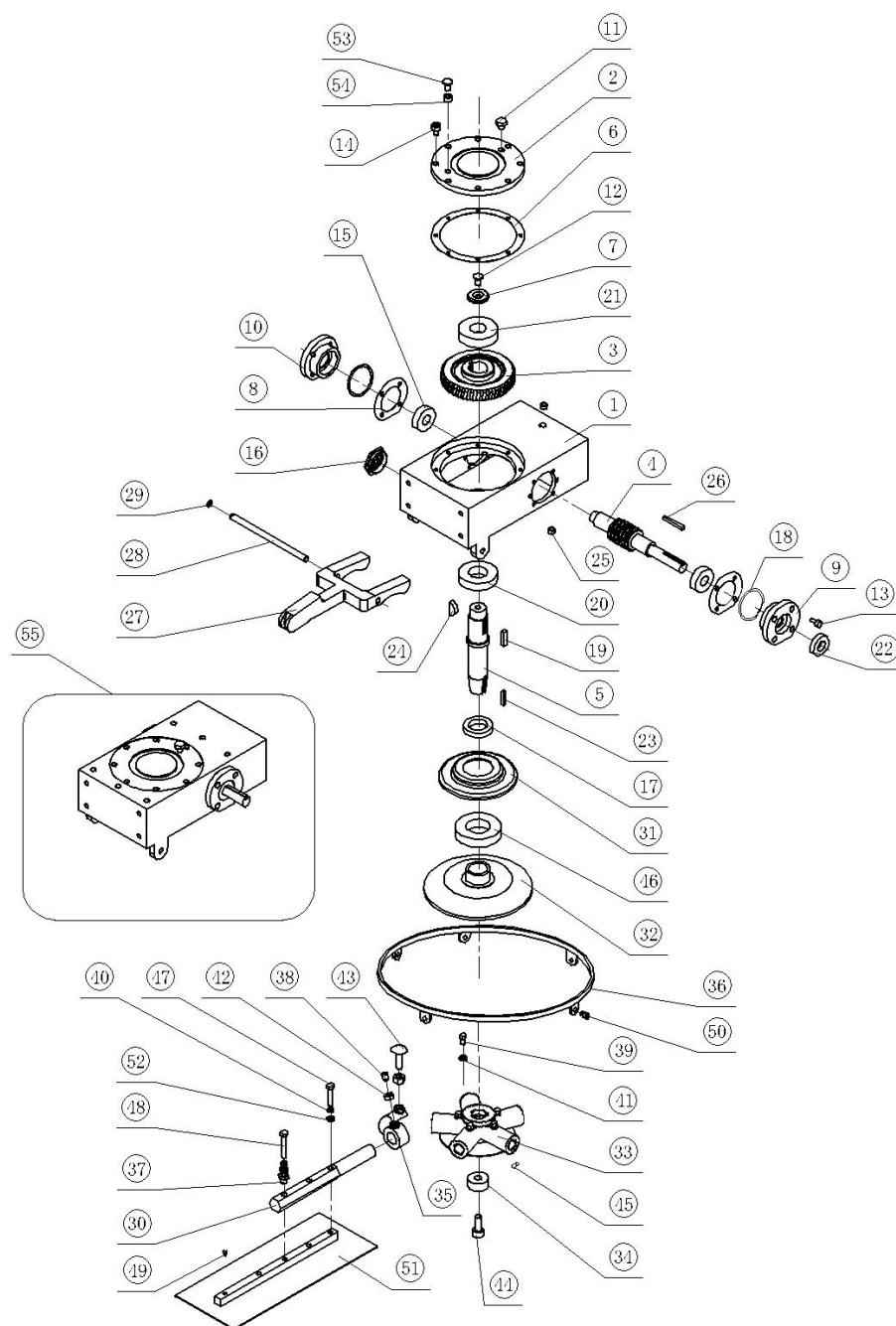
## GEARBOX ASSEMBLY (LEFT)



| Item No. | Part No.    | Description          | Qty. |
|----------|-------------|----------------------|------|
| 1        | 846A060001  | GEARBOX CASING, LEFT | 1    |
| 2        | 846A060003  | GEARBOX COVER        | 1    |
| 3        | 846A060100  | BRONZE GEAR, LEFT    | 1    |
| 4        | 846A060009  | COUNTER SHAFT, LEFT  | 1    |
| 5        | 846A060005  | MAIN SHAFT, LEFT     | 1    |
| 6        | 846A060011  | SHIMMING             | 1    |
| 7        | 846A060004  | PRESSURE WASHER      | 1    |
| 8        | 846A060012  | SHIMMING             | 2    |
| 9        | 846A060007  | BEARING FLANGE       | 1    |
| 10       | 846A060008  | BEARING FLANGE       | 1    |
| 11       | 4364100     | RELEASE VALVE        | 1    |
| 12       | 4364007     | BOLT                 | 1    |
| 13       | 9043        | BOLT                 | 12   |
| 14       | 9118        | BOLT                 | 8    |
| 15       | 9466        | BEARING              | 2    |
| 16       | 9064        | GLASS EYE            | 1    |
| 17       | 9368        | SEAL                 | 1    |
| 18       | 9367        | SEAL                 | 2    |
| 19       | 9708        | KEY                  | 1    |
| 20       | 9468        | BEARING              | 1    |
| 21       | 9467        | BEARING              | 1    |
| 22       | 9366        | SEAL                 | 1    |
| 23       | 9710        | KEY                  | 1    |
| 24       | 9156        | KEY                  | 1    |
| 25       | 9053        | SCREW                | 2    |
| 26       | 9709        | KEY                  | 1    |
| 27       | 846A050003  | YOKE ARM             | 1    |
| 28       | 846A050002  | SHAFT, YOKE ARM      | 1    |
| 29       | 9202        | CIRCLIP              | 2    |
| 30       | 846A070001  | TROWEL ARM           | 5    |
| 31       | 846A070002  | PRESSURE PLATE COVER | 1    |
| 32       | 846A070003  | PRESSURE PLATE       | 1    |
| 33       | 1046A070004 | SPIDER PLATE, LEFT   | 1    |
| 34       | 846A070006  | BUSHING              | 1    |
| 35       | 4466006     | LIFT ARM             | 5    |
| 36       | 1046A6103I  | STABILIZER RING      | 1    |
| 37       | 4366007     | ADJUST BUSHING       | 5    |

|    |             |               |    |
|----|-------------|---------------|----|
| 38 | 9540        | SCREW         | 5  |
| 39 | 9066        | BOLT          | 5  |
| 40 | 9037        | SPRING WASHER | 10 |
| 41 | 9046        | SPRING WASHER | 5  |
| 42 | 9059        | NUT           | 10 |
| 43 | 9067        | SCREW         | 5  |
| 44 | 9068        | SCREW         | 1  |
| 45 | 9069B       | GREASE NIPPLE | 5  |
| 46 | 9469        | BEARING       | 1  |
| 47 | 9040        | BOLT          | 10 |
| 48 | 9215        | BOLT          | 5  |
| 49 | 9072        | PLUG          | 5  |
| 50 | 9147        | SCREW         | 10 |
| 51 | 4466100G    | BLADE         | 5  |
| 52 | 9038        | WASHER        | 15 |
| 53 | 846A060013  | RELEASE VALVE | 1  |
| 54 | 846A060014  | NUT           | 1  |
| 55 | 846A060000L | GEARBOX, LEFT | 1  |

## GEARBOX ASSEMBLY (RIGHT)

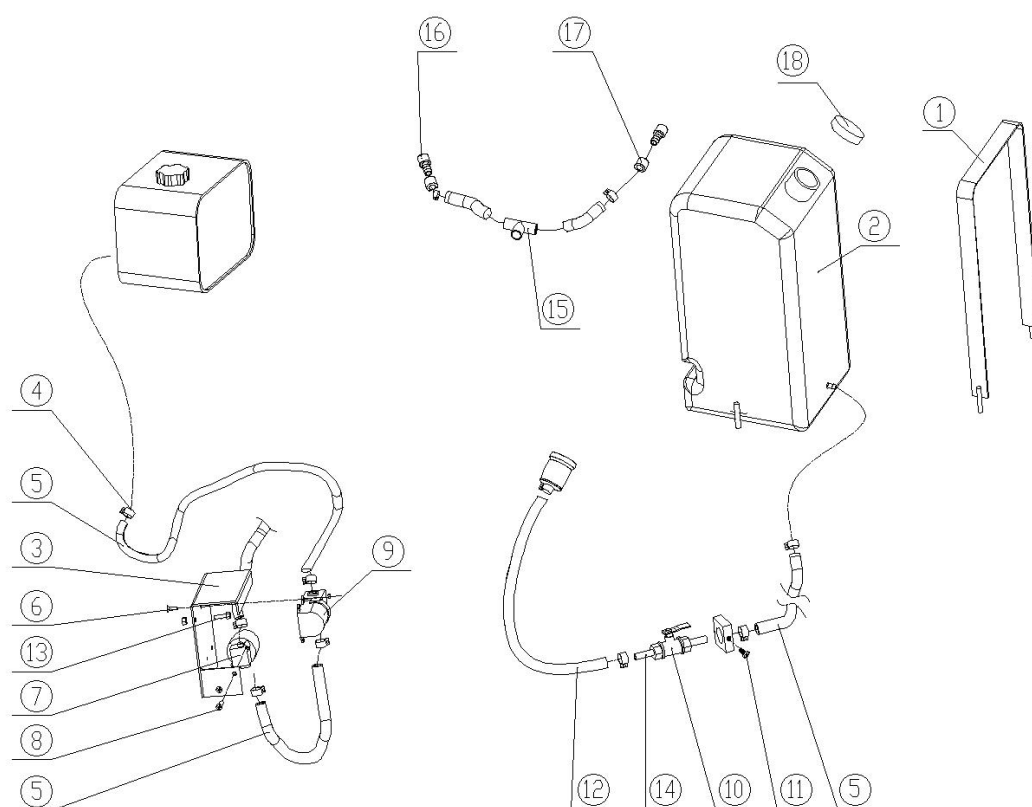


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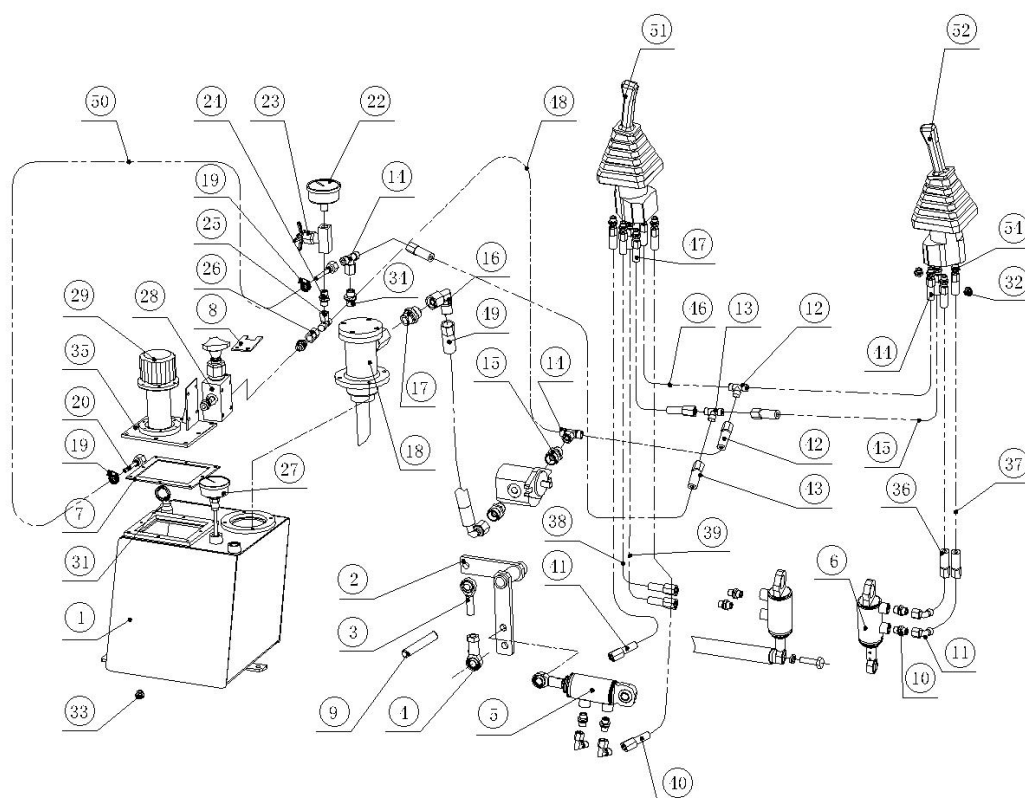
| Item No. | Part No.    | Description           | Qty. |
|----------|-------------|-----------------------|------|
| 1        | 846A060002  | GEARBOX CASING, RIGHT | 1    |
| 2        | 846A060003  | GEARBOX COVER         | 1    |
| 3        | 846A060200  | BRONZE GEAR, RIGHT    | 1    |
| 4        | 846A060010  | COUNTER SHAFT, RIGHT  | 1    |
| 5        | 846A060006  | MAIN SHAFT, RIGHT     | 1    |
| 6        | 846A060011  | SHIMMING              | 1    |
| 7        | 846A060004  | PRESSURE WASHER       | 1    |
| 8        | 846A060012  | SHIMMING              | 2    |
| 9        | 846A060007  | BEARING FLANGE        | 1    |
| 10       | 846A060008  | BEARING FLANGE        | 1    |
| 11       | 4364100     | RELEASE VALVE         | 1    |
| 12       | 9145        | BOLT                  | 1    |
| 13       | 9043        | BOLT                  | 12   |
| 14       | 9118        | BOLT                  | 8    |
| 15       | 9466        | BEARING               | 2    |
| 16       | 9064        | GLASS EYE             | 1    |
| 17       | 9368        | SEAL                  | 1    |
| 18       | 9367        | SEAL                  | 2    |
| 19       | 9708        | KEY                   | 1    |
| 20       | 9468        | BEARING               | 1    |
| 21       | 9467        | BEARING               | 1    |
| 22       | 9366        | SEAL                  | 1    |
| 23       | 9710        | KEY                   | 1    |
| 24       | 9156        | KEY                   | 1    |
| 25       | 9053        | SCREW                 | 2    |
| 26       | 9709        | KEY                   | 1    |
| 27       | 846A050003  | YOKE ARM              | 1    |
| 28       | 846A050002  | SHAFT, YOKE ARM       | 1    |
| 29       | 9202        | CIRCLIP               | 2    |
| 30       | 846A070001  | TROWEL ARM            | 5    |
| 31       | 846A070002  | PRESSURE PLATE COVER  | 1    |
| 32       | 846A070003  | PRESSURE PLATE        | 1    |
| 33       | 1046A070005 | SPIDER PLATE, RIGHT   | 1    |
| 34       | 846A070006  | BUSHING               | 1    |
| 35       | 8366006     | LIFT ARM              | 5    |
| 36       | 1046A6103I  | STABILIZER RING       | 1    |
| 37       | 4366007     | ADJUST BUSHING        | 5    |

|    |             |                |    |
|----|-------------|----------------|----|
| 38 | 9540        | SCREW          | 5  |
| 39 | 9066        | BOLT           | 5  |
| 40 | 9037        | SPRING WASHER  | 10 |
| 41 | 9046        | SPRING WASHER  | 5  |
| 42 | 9059        | NUT            | 10 |
| 43 | 9067        | SCREW          | 5  |
| 44 | 9068        | SCREW          | 1  |
| 45 | 9069B       | GREASE NIPPLE  | 5  |
| 46 | 9469        | BEARING        | 1  |
| 47 | 9040        | BOLT           | 10 |
| 48 | 9215        | BOLT           | 5  |
| 49 | 9072        | PLUG           | 5  |
| 50 | 9147        | SCREW          | 10 |
| 51 | 4466100G    | BLADE          | 5  |
| 52 | 9038        | WASHER         | 15 |
| 53 | 846A060013  | RELEASE VALVE  | 1  |
| 54 | 846A060014  | NUT            | 1  |
| 55 | 846A060000R | GEARBOX, RIGHT | 1  |

## FUEL- & WATER SYSTEM



| Item No. | Part No.   | Description                   | Qty. |
|----------|------------|-------------------------------|------|
| 1        | FT8360710  | TANK HOOP                     | 1    |
| 2        | B8361073PL | FUEL TANK                     | 1    |
| 3        | B8360731   | MOUNTING PLATE                | 1    |
| 4        | 8361071    | JOINT                         | 12   |
| 5        | 10202003   | WATER PIPE                    | 6    |
| 6        | 9516       | SCREW                         | 4    |
|          | 9517       | NUT                           | 4    |
| 7        | 8361142    | SOLENOID PILOT ACTUATED VALVE | 1    |
| 8        | 9230       | SCREW                         | 2    |
|          | 9128       | SPRING WASHER                 | 2    |
| 9        | 8361067    | WATER PUMP                    | 1    |
| 10       | 8361476    | VALVE                         | 1    |
| 11       | 9010       | BOLT                          | 1    |
| 12       | 10202004   | FUEL PIPE                     | 1    |
| 13       | 9220       | BOLT                          | 2    |
|          | 9023       | NUT                           | 2    |
| 14       | 8361476A   | JOINT                         | 2    |
| 15       | 9571       | JOINT                         | 1    |
| 16       | 846A080010 | WATER NOZZLE                  | 2    |
| 17       | 9231       | VALVE                         | 2    |
| 18       | 8360199B   | TANK CAP                      | 1    |



| Item No. | Part No.   | Description        | Qty. |
|----------|------------|--------------------|------|
| 1        | 846GH2800  | HYDRAULIC OIL TANK | 1    |
| 2        | 846G2200A  | CONNECTING PLATE   | 1    |
| 3        | 9500       | BEARING            | 1    |
| 4        | 9501       | BEARING            | 1    |
| 5        | 836H2600A  | HYDRAULIC CYLINDER | 1    |
| 6        | 1046H2600C | HYDRAULIC CYLINDER | 2    |
| 7        | 836H-FJ8   | SHIMMING           | 1    |
| 8        | 836H-FJ3   | PLATE              | 1    |
| 9        | 846A020003 | SHAFT              | 1    |
| 10       | 9827       | CONNECTOR          | 7    |
| 11       | 9817       | CONNECTOR          | 2    |
| 12       | 9822       | JOINT              | 1    |
| 13       | 9823       | JOINT              | 1    |
| 14       | 9820       | JOINT              | 2    |
| 15       | 9818       | CONNECTOR          | 2    |
| 16       | 9835       | CONNECTOR          | 1    |
| 17       | 9815       | CONNECTOR          | 1    |
| 18       | 9791       | OIL FILTER         | 1    |
| 19       | 8361071    | JOINT              | 2    |
| 20       | 9842       | CONNECTOR          | 2    |
| 22       | 9807       | OIL PRESSURE METER | 1    |
| 23       | 9795       | VAVLE              | 1    |
| 24       | 9830       | CONNECTOR          | 1    |
| 25       | 9821       | JOINT              | 1    |
| 26       | 9829       | CONNECTOR          | 1    |
| 27       | 9805       | TEMPERATURE METER  | 1    |
| 28       | 9803       | SPILL VAVLE        | 1    |
| 29       | 9793       | AIR FILTER         | 1    |
| 31       | 9644       | OIL GAUGE          | 1    |
| 32       | 9825       | PLUG               | 2    |
| 33       | 9053       | PLUG               | 1    |
| 34       | 9828       | CONNECTOR          | 1    |
| 35       | 846GH2900  | FLANGE             | 1    |
| 36       | 846GH2801  | OIL PIPE           | 1    |
| 37       | 846GH2802  | OIL PIPE           | 1    |
| 38       | 846GH2803  | OIL PIPE           | 1    |
| 39       | 846GH2804  | OIL PIPE           | 1    |

|    |           |                         |    |
|----|-----------|-------------------------|----|
| 40 | 846GH2805 | OIL PIPE                | 1  |
| 41 | 846GH2806 | OIL PIPE                | 1  |
| 42 | 846GH2807 | OIL PIPE                | 1  |
| 43 | 846GH2808 | OIL PIPE                | 1  |
| 44 | 846GH2809 | OIL PIPE                | 1  |
| 45 | 846GH2810 | OIL PIPE                | 1  |
| 46 | 846GH2811 | OIL PIPE                | 1  |
| 47 | 846GH2812 | OIL PIPE                | 1  |
| 48 | 846GH2813 | OIL PIPE                | 1  |
| 49 | 846GH2814 | OIL PIPE                | 1  |
| 50 | 846GH2815 | OIL PIPE                | 1  |
| 51 | 9801Y     | HYDRAULIC CONTROL LEVER | 1  |
| 52 | 9801Z     | HYDRAULIC CONTROL LEVER | 1  |
| 54 | 9824      | CONNECTOR               | 10 |

**DECLARATION OF CONFORMITY / CERTIFICAT DE CONFORMITE /  
GELIJKVORMIGHEIDSCERTIFICAAT / DECLARACION DE CONFORMIDAD /  
DECLARACAO DE CONCORMIDADE / DICHIARAZIONE DI CONFORMITA**

**Model : BT120H-2/5/PFV37**

**We Beton Trowel NV**

Declare under our sole responsibility that the product to which this declaration relates is in conformity with the following standards or other normative documents.

Declarons sous notre responsabilite que le produit cette declaration est conforme aux norms suivantes ou d'autres documents habituels.

Verklaren onder onze verantwoordelijkheid dat het product naar welke de verklaring verwijst conform de volgende standards of anders gebruikelijke documenten is.

Declaramos bajo nuestra unica responsabilidad que el producto en lo que esta declaracion concierne, es conforme con la siguiente normative u otros documentos.

Declara sob sua responsabilidade que o produto a quem esta declaracao interessar, esta em conformidade com os seguintes documentos legais ou normas directivas.

Dichiariamo sotto la ns. Unica responsabilita che il prodotto al quale questa dichiarazione si riferisce, e fabbricato in conformita ai seguenti standard e documenti di normative.

**EN 349.2008:A1:2008   EN 12100:2010   EN12649:2008+A1:2011   EN ISO 5349-2:2001 +A1:2015**

Following the provisions of Directives:

Suivant les directives determinees:

Volgens de vastgestelde richtlijnen:

Siguiendo las directivas:

No sequimento das clausulas da Directivas

Seguendo quanto indicato dalla Direttivas:

**2006/42/EC Machinery Directive**

**2000/14/EC Noise Directive**

**2001/95/EC General Product Safety Directive**

**2002/95/EC Reduction of Hazardous Waste Directive**

**LVD2014/35/EU Low Voltage Directive**

**2004/30/EU Electromagnetic Compatibility**



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**26 May 2020**