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11.2006	

## **Vibratory Plate**

# **DPU 7060SC**

**Operator's Manual**



# Operating instructions

## 1. Foreword

For your own safety and protection from bodily injuries, carefully read, understand and follow the safety instructions in this manual.

Please operate and maintain your Wacker machine in accordance with the instructions in this manual. Your Wacker machine will reward your attention by giving trouble-free operation and a high degree of availability.

Defective machine parts are to be replaced as soon as possible.

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## Table of contents

<b>1. Foreword</b>	<b>1</b>
<b>2. Safety instruction</b>	<b>4</b>
2.1 General instructions .....	4
2.2 Operation .....	4
2.3 Safety checks .....	6
2.4 Maintenance .....	7
2.5 Transport .....	7
2.6 Maintenance checks .....	8
<b>3. Technical Data</b>	<b>9</b>
<b>4. Description</b>	<b>11</b>
4.1 Applications .....	11
4.2 Dimensions .....	11
4.3 Max. admissible inclination .....	11
4.4 Description of function .....	12
4.5 Infrared remote control .....	14
4.6 Charging the battery .....	15
4.7 Changing the transmission channel .....	16
4.8 Safety functions .....	16
<b>5. Transport to work site /Recommendations on compaction</b>	<b>17</b>
5.1 Transport to work site .....	17
5.2 Recommendations on compaction .....	18
<b>6. Operation</b>	<b>19</b>
6.1 Conditions for starting .....	19
6.2 Activating the machine .....	20
6.3 Starting .....	21
6.4 Steering the machine .....	22
6.5 Turning off engine .....	23
6.6 Compaction without extension plates .....	23
6.7 External starting .....	24
6.8 Additional notes on starting at very low temperatures! .....	24
6.9 When there is danger of frost .....	24

<b>7. Maintenance</b>	<b>25</b>
7.1 Maintenance schedule .....	25
7.2 Motoröl .....	26
7.3 Batterie .....	27
7.4 Hydrauliksteuerung .....	27
7.5 Exciter .....	28
7.6 Assembly instruction .....	29
7.7 Exciter V-belt .....	29
<b>8. Faults</b>	<b>30</b>
8.1 Disturbance on the machine console .....	30
8.2 Disturbance on sender .....	31
8.3 Forward speed too low .....	32
8.4 No reverse motion .....	32
8.5 Loss of hydraulic oil .....	32
<b>9. Electricwiring-Diagramm</b>	<b>33</b>
<b>10. Lables</b>	<b>34</b>
<b>EC - Conformity Certificate</b>	<b>35</b>
<b>DIN EN ISO 9001 CERTIFICATE</b>	<b>37</b>

## Safety instruction

### 2. Safety instruction

#### for the use of vibratory plates with combustion engines

#### 2.1 General instructions

- 2.1.1 Vibratory plates may only be operated by persons who
- \* are at least 18 years of age
  - \* are physically and mentally fit for this job
  - \* have been instructed in guiding vibratory plates and proved their ability for the job to the employer
  - \* may be expected to carry out the job they are charged with carefully.
- The persons must be assigned the job of guiding vibratory plates by the employer.
- 2.1.2 Vibratory plates may only be used for compaction jobs. Both the manufacturer's operating instructions and these safety instructions have to be observed.
- 2.1.3 The persons charged with the operation of vibratory plates have to be made familiar with the necessary safety measures relating to the machine. In case of extraordinary uses the employer shall give the necessary additional instructions.
- 2.1.4 It is possible that these vibratory plates exceed the admissible assessment sound level of 89 dB (A). Employees must wear personal ear protection if the sound level reaches 89 dB (A) or more.

#### 2.2 Operation

- 2.2.1 When starting the diesel engine with a starter crank make sure you have assumed a proper position with respect to the engine and that your hands are placed properly on the crank.



Only use the original engine manufacturer's safety starting crank.

To avoid a possible return kick, turn safety starting crank through with full force until the engine starts running.

- 2.2.2 The function of operation levers or elements is not to be influenced or rendered ineffective.
- 2.2.3 During operation the operator may not leave the control elements.

- 2.2.4 The operator has to stop the engine of the vibratory plate before going on breaks. The machine has to be placed such that it cannot turn over.
- 2.2.5 Stop engine before filling fuel tank. When refilling fuel tank, do not allow fuel to come into contact with the hot part of the engine or spill onto the ground.
- 2.2.6 Do not smoke or handle open fire near this machine.
- 2.2.7 The tank lid must fit tightly. Shut fuel cock if available when stopping the engine. For long distance transports of machines operated by fuel or fuel - mixtures, the fuel tank has to be drained completely. Leaky fuel tanks may cause explosions and must therefore be replaced immediately.
- 
- 2.2.8 Do not operate this machine in areas where explosions may occur.
- 2.2.9 Make sure that sufficient fresh air is available when operating vibratory plates equipped with combustion engines in enclosed areas, tunnels, galleries and deep trenches.
- 2.2.10 During operation keep your hands, feet and clothes away from the moving parts of the vibraton plate. Wear safety shoes, and eye protection glasses in case of trench operation where falling sand stones maybe ejected.
- 2.2.11 When working near the edges of breaks, pits, slopes, trenches and platforms, vibratory plates are to be operated such that there is no danger of their turning over or dropping in.
- 2.2.12 Make sure the soil or subsoil to be compacted has a high enough load carrying capacity.
- 2.2.13 Use appropriate protective clothing while working or while carrying out maintenance work.

## Safety instruction

- 2.2.14 When traveling backwards the operator has to guide the vibration plate laterally by its guide handle so that he will not be squeezed between the handle and a possible obstacle. Special care is required when working on uneven ground or when compacting coarse material. Make sure of a firm stand when operating the machine under such conditions.
- 2.2.15 Vibratory plates are to be guided such that hand injuries caused by solid objects are avoided.
- 2.2.16 Vibratory plates have to be guided such that their stability is guaranteed.
- 2.2.17 Machines with integrated transport trolley may not be parked or stored on the trolley. This device has only been designed to transport the machine.

### 2.3 Safety checks

- 2.3.1 Vibratory plates may only be operated with all safety devices installed.
- 2.3.2 Before starting operation, the operator has to check that all control and safety devices function properly.
- 2.3.3 If defects in the safety equipment or other defects are detected which impair the safe operation of the internal vibrator, the supervisor is to be notified without delay.
- 2.3.4 The machine must be switched off immediately in case of defects jeopardizing the operational safety of the equipment.
- 2.3.5 Process materials and operating fuels must be stowed away in receptacles or containers marked according to the respective manufacturers specifications.

### 2.4 Maintenance

- 2.4.1 Only use original spare parts. Modifications to this machine including the adjustment of the maximum speed set by the manufacturer are subject to the express approval of WACKER. In case of nonobservance all liabilities shall be refused.
- 2.4.2 All drive units have to be switched off before carrying out maintenance jobs. Deviations from this are only allowed if the maintenance or jobs require a running engine.
- 2.4.3 When working on vibratory plates equipped with electric starter, disconnect battery before carrying out maintenance or repair jobs on the electric parts of the machine.
- 2.4.4 Remove pressure from hydraulic lines before working on them. Caution: take care when removing hydraulic lines, for the oil may be very hot (up. over 80° C). Precautions are to be taken to prevent oil from splashing into the operator's eyes.
- 2.4.5 All safety devices must be reinstalled properly immediately after maintenance and repair jobs have been completed.
- 2.4.6 Do not hose down the machine with water after each use to avoid possible malfunctions. Do not use high pressure washers nor chemical products.

### 2.5 Transport

- 2.5.1 During transport, loading and unloading of vibration plates by means of lifting devices, appropriate slinging means or hooks have to be used on the lifting points provided for this purpose on the vibratory plate.
- 2.5.2 The load-carrying capacity of the loading ramps has to be sufficient and the ramps have to be secure such that they cannot turn over. Make sure that no one be endangered by machines turning over by slipping or by moving machine parts.

## Safety instruction

- 2.5.3 When being transported on vehicles, precautions have to be taken that vibration plates do not slip or turn over.

### 2.6 Maintenance checks

- 2.6.1 According to the conditions and frequency of use, vibratory plates have to be checked for safe operation at least once a year by skilled technicians, such as those found at WACKER-service depots and have to be repaired if necessary.

**Please also observe the corresponding rules and regulations valid in your country.**

## 3. Technical Data

		DPU 7060SC
Item no.		0008927 ...
Operating weight		
without extension plates (600 mm) kg:		584
with extension plates - narrow (660 mm) kg:		604
with extension plates - Serial (770 mm) kg:		615
with extension plates - wide (880 mm) kg:		629
Vor- und Rücklauf	m/min:	18
Flächenleistung	m <sup>2</sup> /h:	831,6
Power transmission		From drive engine to the centrifugal clutch and the automatic belt drive directly to the exciter
<b>Erreger</b>		
Vibrations	min <sup>-1</sup> (Hz):	3350 (56)
Centrifugal force	kN:	70
Multigrade oil		Fuchs Titan Unic 10W40 MC (SAE 10W40)
Oil quantity	l:	1,5
<b>Drive motor</b>		
Air-cooled single-cylinder 4 stroke diesel engine with electric starter		
Piston displacement	cm <sup>3</sup> :	709
Engine speed	min <sup>-1</sup> :	2500
Nominal output (*)	kW (PS):	10,5 (14,2)
Fuel		Diesel
Fuel consumption	l/h:	1,4
Tank capacity	l:	7,5
Oil		Fuchs Titan Unic 10W40 MC (SAE 10W40)
Oil quantity	l:	2,1

## Technical Data

		DPU 7060SC
<b>Electrical system</b>		
Battery		Special Wacker-battery for vibro plates, - 12 V - 55 Ah
Alternator		
Charging rate max.	A:	11,4
Charging voltage	V:	14
Starter		Starter motor
Direct voltage	V:	12
<b>Hydraulic control</b>		
Hydraulic oil		Renolin MR 520
Oil quantity	l:	2,0
<b>Remote control</b>		
Transmitter functions		
Transmitter range	m:	20
Operational safety	Lux:	to 120.000
Transmission time (operation)	h:	12
Charging time - Helix cable	min:	max. 40
Charging time - External charging station	h:	3
Coding possibilities		3
Sound pressure level at operator's location (at 3 m distance)	$L_{PA}$ :	87 dB(A)

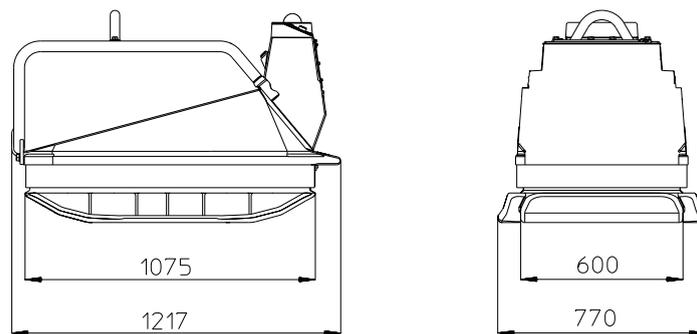
(\*) In accordance with the installed useful outlet power according to Directive 2000/14/EG.

## 4. Description

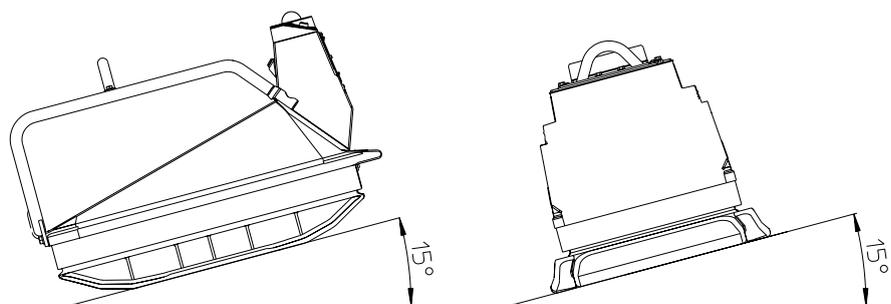
### 4.1 Applications

The vibratory plate is excellently suited for the compaction of most types of soils, including semi-cohesive soils, both in trench and in surface compaction operations, as well as for the vibrating of heavy interlocking concrete blocks or paving stones.

### 4.2 Dimensions

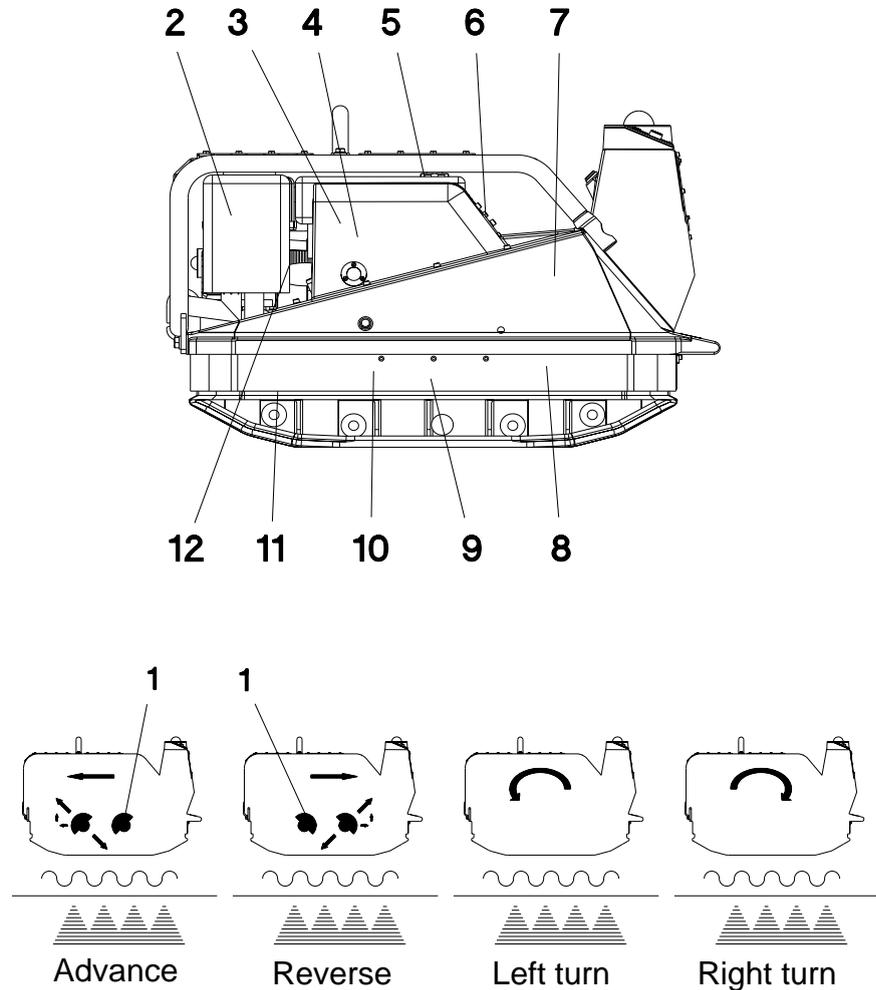


### 4.3 Max. admissible inclination



## Description

### 4.4 Description of function



The vibration needed for the soil compaction is generated in the exciter (9). The exciter is tightly bolted to the lower mass (8). It has been designed as a central exciter, therefore allowing - by ways of a relative rotation between the excentric weights (1) - the rotation of the direction of the vibrations. Thanks to this technique, it becomes possible to change over from forward travel to a right or left turn or to reverse travel of the vibratory plate while during the compaction operation. This process is controlled by means of a set of electro-hydraulic switching valves.

The drive engine (12) anchored to the upper mass (7) drives the exciter (9). The torque is transmitted by means of a friction connection through the centrifugal clutch (4) and the exciter V-belt (10).

The centrifugal clutch interrupts flow of power to the exciter at low engine speeds and thus permits perfect idling of the drive engine.

## Description

The automatic V-belt pulley (3) combined with the centrifugal clutch ensures optimum tension of the exciter V-belt during operation and relief of the tension of the exciter V-belt when the machine is being relocated or transported.

Moreover, the automatic V-belt pulley (3) automatically adapts to the V-belt flanks in line with the wear and thus makes the entire drive from the engine (12) to the exciter (9) maintenance-free.

The upper (7) and lower (8) masses are connected to each other by 4 vibration-damping shock mounts (11). This damping system prevents the very high frequencies from being transmitted to the upper mass. As a result the functionality of the drive engine is retained in spite of the high compaction performance.

The drive engine works on the diesel principle; it is started electrically by a pinion starter (5), draws in the combustion air through an air filter, dry (2) and is air-cooled.

The machine is equipped with a fully electronic anti-restart delay module that prevents any malfunction with consequential damages. Always start and stop the machine from the remote control panel. To facilitate the starting procedure (at very low temperatures) the drive engine has an automatic decompression mechanism.

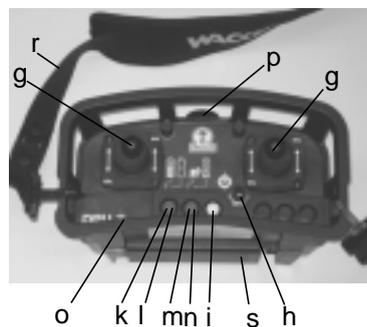
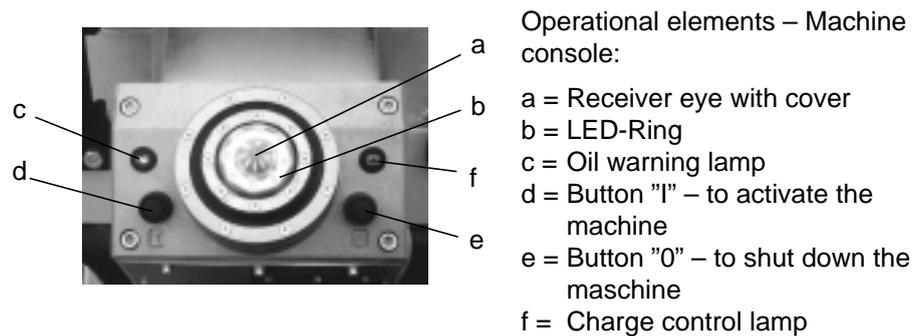
## Description

### 4.5 Infrared remote control



Always keep operating elements dry, clean and free of oil or grease.  
Above all do not cover receiver or transmitter (remote control) under any circumstances.

The machine can be operated only with a remote controller.



## 4.6 Charging the battery

There are two ways to charge the battery:

### 1. Spiral cable

Through the spiral cable (in the machine console) with the option of operating the machine at the same time. Charging time maximum 40 minutes.

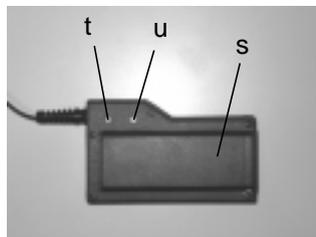
Green LED (k) on the sender will extinguish when the battery is recharged.

### 2. External charging device

Plug the external charging device into a 230-V socket – green LED (t) illuminates if there is voltage. Insert and lock the battery (s).

Yellow LED (u) illuminates: Battery charges.

Yellow LED (u) blinks: Battery is charged.



To avoid downtime, we recommend keeping a replacement battery ready in the charging station so that you can replace the operational battery when it is empty.

## Description

### 4.7 Changing the transmission channel

You can set the sending channel in the sender and on the decoder on the switch (v).

To change the channel on the sender, open the sender and move it to one of the three possible positions..



The decoder must be set to the same channel as the transmitter.



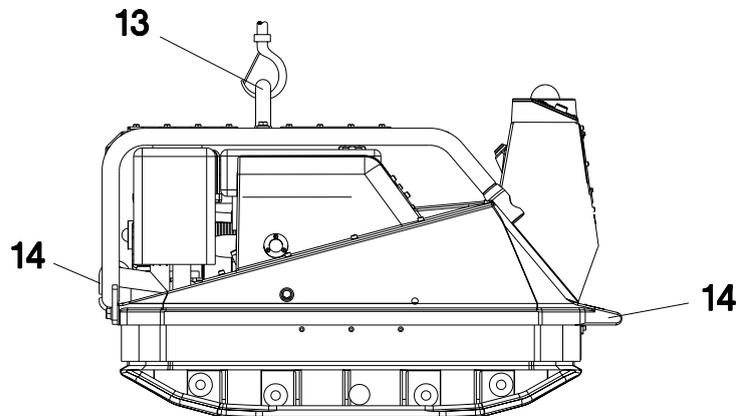
After setting the desired channel, check the setting by switching on the vibratory plate and the sender (see "Activating the Machine") – if the channel selections match, the LED ring (b) on the receiver eye will begin blinking.

### 4.8 Safety functions

To enhance the safety of the operator, the machine is equipped with a function that automatically ceases all dangerous movements as soon as the operator comes too close to the moving machine. All functions are reactivated when the operator leaves the safety zone.

### 5. Transport to work site /Recommendations on compaction

#### 5.1 Transport to work site



Conditions:

- \* To transport the vibration plate, only use suitable lifting equipment with a minimum load-bearing capacity of 700 kg.
- \* Always switch off engine before transporting the machine!
- \* Only attach suitable tackle at the central lifting point (13) provided.
- \* During transport on the loading area of a vehicle, tie down the vibration plate using the lugs (14).

**Note:** Also observe the regulations in “safety instructions“.

## Transport to work site /Recommendations on compaction

### 5.2 Recommendations on compaction

#### 5.2.1 Ground conditions

The max. compaction depth depends on several factors relating to the ground condition, such as moisture, grain distribution etc,

it is therefore not possible to specify exact values.

**Recommendation:** In each case determine the max. compaction depth with compaction tests and soil samples.

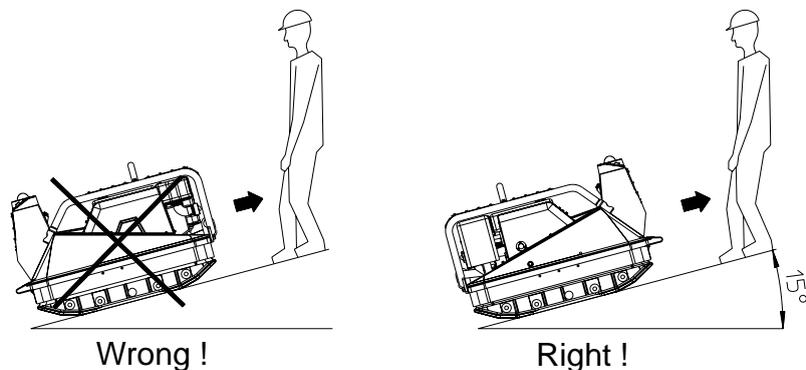
#### 5.2.1 Compaction on slopes

The following points are to be observed when compacting on sloped surfaces (slopes, embankments):

- \* Only approach gradients from the bottom (a gradient which can be easily overcome upwards, can also be compacted downwards without any risk).
- \* The operator must never stand in the direction of descent (see chapter "safety instructions").
- \* The max. gradient of  $15^{\circ}$  must not be exceeded.



If this gradient were exceeded, this would result in a failure of the engine lubrication system and thus inevitably lead to a breakdown of important engine components.

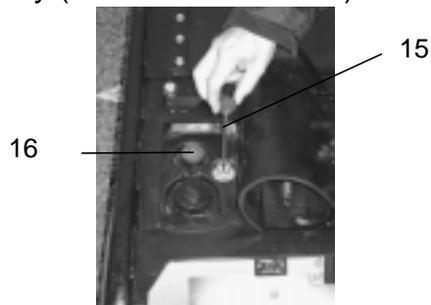


## 6. Operation

### 6.1 Conditions for starting

#### Engine oil:

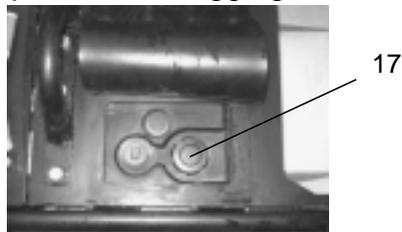
Check oil level with dip stick (15) and replenish with oil through filler neck (16) if necessary (see Technical Data).



The machine must be level and the engine stopped before proceeding with the oil level check.

#### Fuel:

When pouring diesel fuel into the fuel nozzle (17), maintain absolute cleanliness. Impurities in the fuel can cause breakdowns in the injection system and premature clogging of the fuel filter.



Only refuel the machine when it's engine is stopped.

Never refuel the machine close to open flames or ignitable sparks and do not smoke.

Only use pure, clean fuel and clean filling vessels.

Do not spill any fuel.

#### Air filter:

Dry clean air filter dry, dusty conditions.

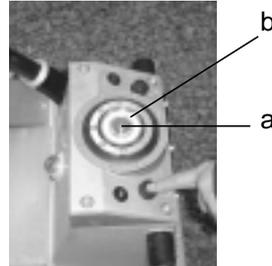


# Operation

## 6.2 Activating the machine

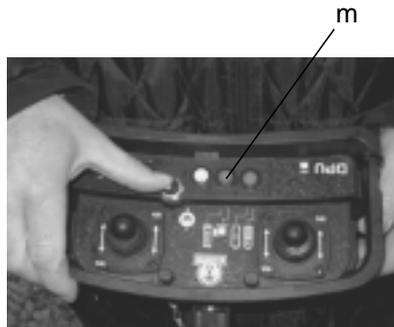
1. Machine console

Press the "I" button for at least one second – the yellow LED ring (b) will illuminate.



2. Sender

Move the rocker switch (h) forward to "I" – the green LED (m) starts blinking regularly.



3. Point the sender at the receiver eye (a) on the machine – the yellow LED ring (b) blinks.

LED ring (b) blinks slowly: All functions are activated.

LED ring (b) blinks rapidly: The operator is located in the machine's safety zone; all of the machine's movements are deactivated.



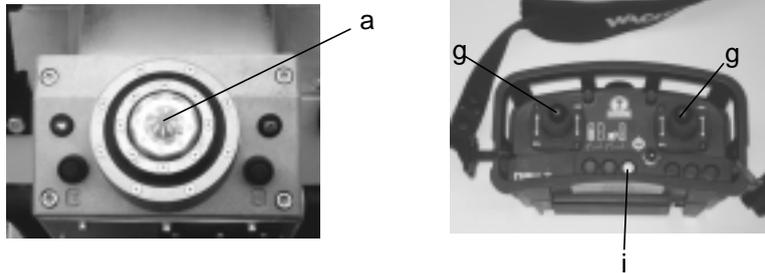
**Charge the transmitter's rechargeable battery daily, at the latest after the end of the working day, in the external battery charger. The transmitter's rechargeable battery can remain in the battery charger for an unlimited period of time.**

In accordance to the law the operators working place is at the rear end of the machine.

An analogous inversion of the travel and steering direction can take place if the operator is located in a position different to the designed working position.

### 6.3 Starting

1. Leave the machine's safety zone.
2. Point the sender toward the receiver eye (a).
3. Hold the starter button (i) depressed until the vibratory plate runs.
4. The motor will automatically assume the standard speed when at least one of the two joysticks (g) is moved from the center position.

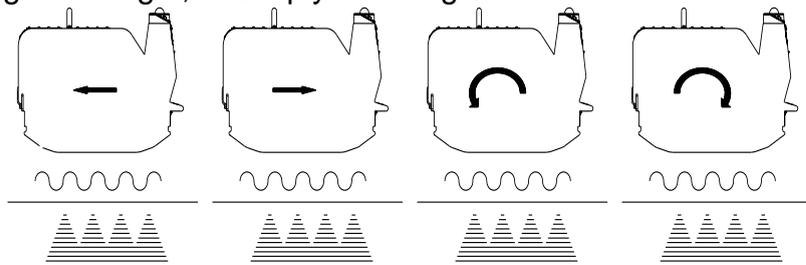


Wait until the engine stops before repeating the starting procedure. Only start up the engine with a connected battery, so as to avoid damages to the dynamo. Disconnect the negative pole when carrying out welding jobs.

# Operation

## 6.4 Steering the machine

The operator determines the machine's direction of travel by moving the two joysticks (g) on the sender. The vibratory plate will compact the ground while moving forward, moving in reverse, spinning to the left, spinning to the right, or simply standing still.

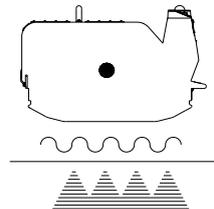


**Advance**  
Push both joysticks forward

**Reverse**  
Pull both joysticks to the rear

**Left turn**  
Pull the left joystick to the rear, push the right joystick forward

**Right turn**  
Push the left joystick forward, pull the right joystick to the rear



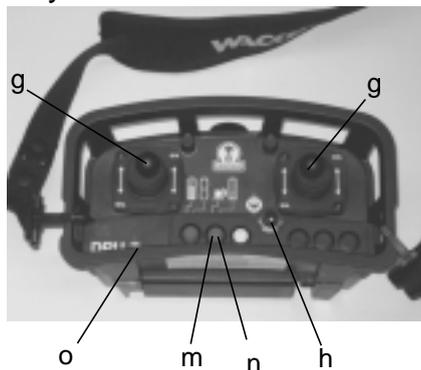
### Standing Still

The machine motor idles while both joysticks are in the center position simultaneously for more than one second.

## 6.5 Turning off engine

Sender:

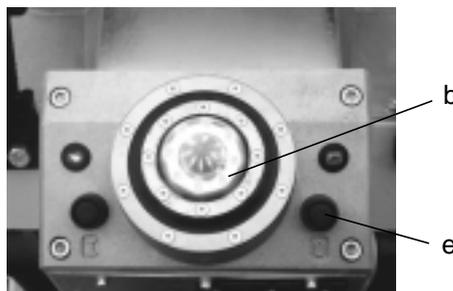
1. Let go of both joysticks (g).
2. Switch off the sender by moving the rocker switch (h) from the "I" position to the "0" position – green LED (m) extinguishes. LEDs (n + o) illuminate briefly



Machine Console:

1. Press "0" button (e) for at least one second.
2. LED ring (b) extinguishes. Vibratory plate is no longer ready to receive signals.

**Note:** If a worker forgets to turn off the machine at the end of the day, the machine will switch itself off after 58 minutes..



## 6.6 Compaction without extension plates

If the vibration plates is used without extension plates, screw set of protective screws (8 pes) into the threaded boreholes situated in the lower mass, in order to avoid threads from being damaged.

## Operation

### 6.7 External starting

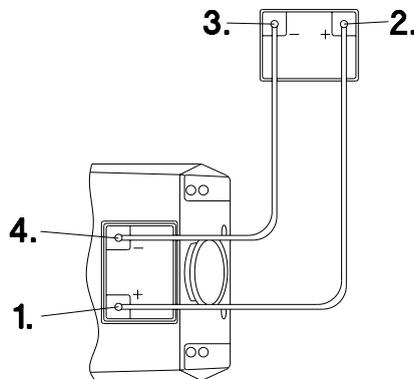
Observe the following connection sequence when using an external battery to start the engine:



Only 12 V batteries may be used. The use of e.g. a 24 V truck battery will lead to an explosion of the vibro plate battery!

Only use insulated jumper cables!

1. Stop engine.
2. In the first place connect the red battery jumper cable to the positive pole of the dead battery and then connect the other end to the positive pole of the charged battery.
3. In the second place connect the black cable to the negative pole of the charged battery and only then connect the other end to the negative pole of the dead battery.
4. Start the engine (max. 15 seconds) and then let the engine run.
5. Proceed in inverse order to disconnect the jumper cable.



### 6.8 Additional notes on starting at very low temperatures!



Never use starting sprays or similar - they are forbidden because they are dangerous.

### 6.9 When there is danger of frost

After cleaning with water or a steam jet, run the machine to warm it before shutting it down.

## 7. Maintenance

### 7.1 Maintenance schedule

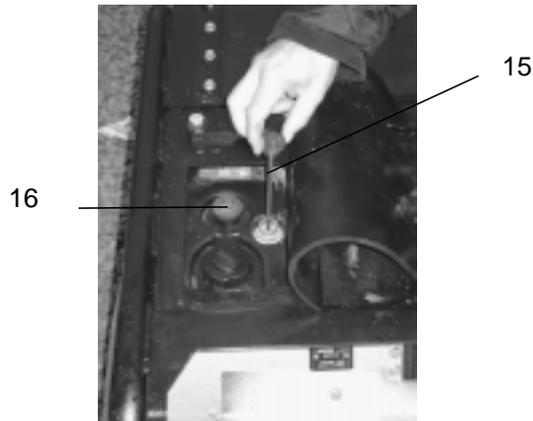
Check all external screw connections for tight fit approx. 8 hours after first operation.		
Component	Maintenance work	Maintenance interval
Valve clearance	Check, set to 0,1 mm when engine is cold.	approx. 20 hours after initial start-up
Drive engine	First oil change and filter.	25 hours after initial start-up
Air filter	Check - clean or replace if necessary.	daily
Drive engine	Check oil level - top up if necessary.	
Control panel	Check oil level - top up if necessar.	monthly
Protective	Check fastening screws of protecting frame for frametight fit.	
V-belt	Check V-belt, if. nec. replace.	
Drive engine	Changing the oil and oil filter.	every 150 h
Exciter	Check oil level, top up if necessary.	
Exciter	Oil change	every 250 h, or latest every 6 months
Control panel	Exchange the suction filter.	every 250 h
Injection nozzle	Functioning check 175 bar, adjust if repair or replace.	every 300 h
Drive engine	Retighten all accessible screw connections.	
Battery	Check acid level - top up with distilled water if necessary.	
Valve clearance	Check, set to 0,1 mm when engine is cold.	
Drive engine	Fuel - change filter.	every 500 h
	Take engine to Wacker service station for inspection.	every 2000 h

## Maintenance

### 7.2 Motoröl

Check oil level:

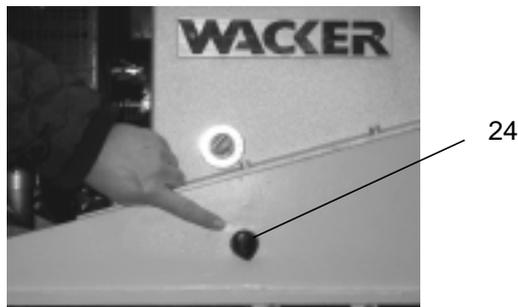
- \* Check oil level on oil dipstick (15).
- \* Fill up with oil through the filler neck (16) if the oil level is too low (see Technical Data).



Engine shuts down automatically with low oil level!

Changing the oil:

1. Let engine warm up.
2. Undo drain screw (24) and drain off oil.
3. Insert drain screw.
4. Pour in 2,1 l of oil through the filler nozzle (16)..



**Take notice:** Please pay attention to the corresponding environmental rules and regulations when disposing of used engine oil. We recommend you carry the oil in a closed container to a central collecting point for used oils. Do not pour used engine oil into the garbage nor into the sewer system, drains or even on the ground.

## 7.3 Batterie

Check acid level:

1. Remove battery cover.
2. Check acid level, if necessary top up with distilled water.
3. Secure battery cover.



Before mounting the battery cover, make sure that the positive terminal cover is there!

**Note: Only replace defective batteries with original Wacker batteries. Standard batteries are not suitable for the high vibration loads.**

4. When changing the battery:

Removal: First disconnect negativ, then positive terminal of battery.

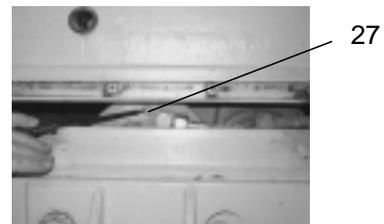
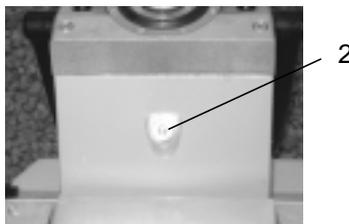
Assembly: First connect positive, then negative terminal of battery.

When using starting sprays etc., see chapter operation.

## 7.4 Hydrauliksteuerung

Check oil level:

1. Open filler bore (25).
2. Oil level to lower edge of filler bore, fill up with hydraulic fuel if necessary (see Technical Data).
3. Close filler bore (25).



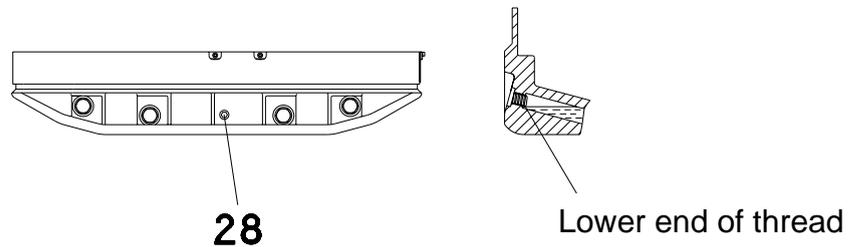
Venting hydraulic control:

The system is bled by means of a M4 (27) screw situated on the pump housing (below the rubber apron).



Check the reverse travel overrun when switching from reverse to advance travel mode after having carried out maintenance or repair jobs. The reverse travel overrun should not exceed 10 cm. If necessary check hydraulic pressure (35 + 5 bar) and flow rate (2 liters per second).

### 7.5 Exciter



Check oil level:

1. Position vibration plate horizontally.
2. Open filler bore (28).
3. The oil level must reach the start of the thread of the filler bore.
4. Fill with oil through filler bore if necessary (see Technical Data). Use a suitable funnel.
5. Close filler bore. (Tightening torque 100 Nm)

Changing the oil:

1. Remove extension plates if necessary.
2. Open filler bore.
3. Tilt vibration plate and keep it tilted until the oil has run out.
4. Place vibration plate in horizontal position.
5. Fill oil through filler bore (see Technical Data).
6. Close filler bore (28).
7. Mount extension plates if necessary.  
(Tightening torque 100 Nm)

**Do not pour in too much oil!**



**Take notice:** Please pay attention to the corresponding environmental rules and regulations when disposing of used engine oil. We recommend you carry the oil in a closed container to a central collecting point for used oils. Do not pour used engine oil into the garbage nor into the sewer system, drains or even on the ground.

## 7.6 Assembly instruction

Before removing the individual parts of the exciter assembly, the eccentric weights must be unbolted and taken off. During assembly, the eccentric weights must be put in place last of all. When fitting the exciter shafts, pay attention to the marks on the gears. The shafts will have been correctly assembled, if, after having ceased swinging and coming to a standstill, they are pointing to the rear and in a 45° angle towards the bottom. (Note: The open end of the exciter is upwards, the Wacker lettering is to the rear). Tighten all screws with the prescribed torque, while minding the quality of the screws (see screw heads).

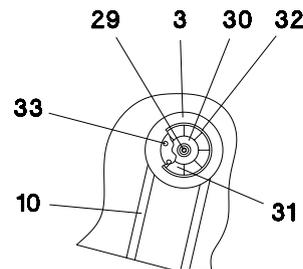


When disassembling the actuating pins, keep in mind that the pistons are under spring tension.

## 7.7 Exciter V-belt

It is not necessary to retighten the V-belt owing to the use of the automatic centrifugal clutch.

Changing the exciter V-belt:



1. Take off small part of engine cover.
2. Take off interior aluminum protective frame.
3. Undo screw (29).
4. Remove button (30), Belleville spring (31), seal (32) and front segment of the V-belt pulley (3).
5. Change exciter V-belt (10).
6. Assemble the components in reverse order; make sure that the coloured marking on the pin (33) coincides with the marking on the V-belt pulley (3).

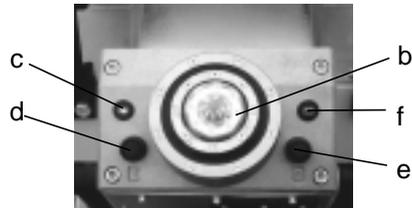


Do not oil or grease clutch components (will damage the glide bushings).

# Faults

## 8. Faults

### 8.1 Disturbance on the machine console



Pressing the "I" (d) button does not activate the machine – LED ring (b) does not illuminate

Cause	Remedy
The vibratory plate's on-board battery is discharged.	Charge the battery and check the functionality of the charge regulator if necessary.
Button defective.	Replace the button with an original replacement part.
Button has no electrical contact.	Check connection and repair.
LED ring has no electrical contact.	Check connection and repair.

The charge control lamp (f) does not extinguish while motor is running

Cause	Remedy
The on-board battery is not receiving a charge.	Check the relevant connections or ask Wacker service for assistance.
Regulator or alternator is defective.	Replace the regulator or ask Wacker service for assistance.

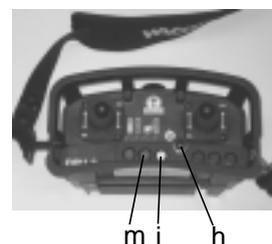
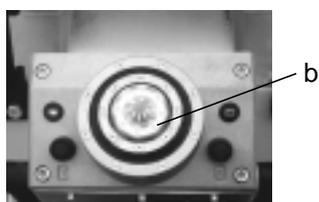
The oil control lamp (c) does not extinguish while motor is running

Cause	Remedy
Engine oil level too low.	Fill up with engine oil.
Oil pressure switch defective.	Replace the oil pressure switch with an original replacement part.
Oil pressure switch has no electrical contact.	Check connection and repair.

Pressing the "0" button (e) does not shut down the machine – LED ring (b) stays illuminated

Cause	Remedy
Button defective.	Replace the button with an original replacement part.
Button has no electrical contact.	Check connection and repair.

## 8.2 Disturbance on sender



The sender LED (m) does not start blinking when the rocker switch (h) is in the "I" position

Cause	Remedy
Sender battery is discharged.	Replace battery with charged battery. Operate the machine with the spiral cable attached, automatically charging the battery.
Sender defective.	Contact Wacker service dept.

LED ring (b) illuminates but does not blink, although the machine is switched on and an activated sender is pointed at the receiver eye

Cause	Remedy
Sender and receiver not using the same channel.	Open sender, set proper channel.

LED ring (b) blinks but the machine does not react to the starter button (i)

Cause	Remedy
Starter damaged or connection defective.	Contact Wacker service dept.
The vibratory plate's on-board battery is largely discharged.	Charge the battery and check the functionality of the charge regulator if necessary.

## Faults

The machine can be started, but does not move – LED ring (b) blinks rapidly

Cause	Remedy
The operator is standing in the machine's safety zone.	Operator must leave the safety zone.

### 8.3 Forward speed too low

Cause	Remedy
To little hydraulic oil in the centre pole head.	Top up hydraulic oil.
Air in hydraulic control.	Bleed system.

### 8.4 No reverse motion

Cause	Remedy
Mechanical fault.	Contact Wacker service dept.

### 8.5 Loss of hydraulic oil

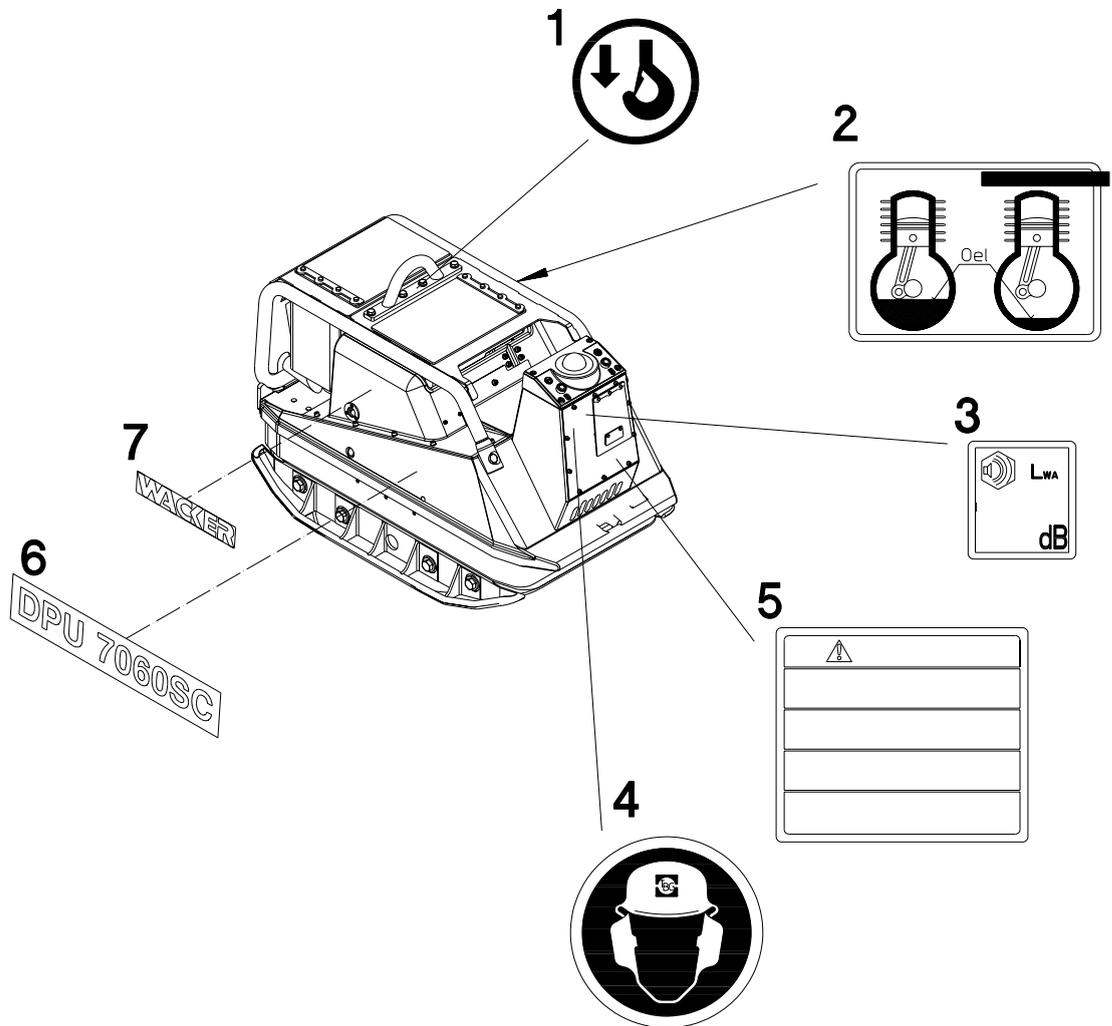
Cause	Remedy
Leaks, hydraulic hose defective.	Change defective parts. <b>Note:</b> Bleed system after every dismantling operation.

Contact the Wacker Service in case of additional failures.



# Lables

## 10. Lables



1	Notice-Lifting point
2	Notice-Oil level indication
3	Sound power level
4	Ear protection decal
5	Warning notice - Do not run without protective devices. - Read operator's manual in detail.
6	Type
7	Wacker Logo

## EC - Conformity Certificate

**Wacker Construction Equipment AG , Preußenstraße 41, 80809 München**

hereby certify that the construction equipment specified hereunder:

1. Category:

**Vibratory plate**

2. Type:

**DPU 7060SC**

3. Equipment item number:

**0008927**

4. Absolute installed power:

**10,5 kW**

has been evaluated in conformity with Directive 2000/14/EC:

Conformity assessment procedure	At the following notified body	Measured sound power level	Guaranteed sound power level
<b>Annex VIII</b>	<b>VDE Prüf- und Zertifizierungsinstitut Zertifizierungsstelle Merianstraße 28 63069 Offenbach/Main</b>	<b>107 dB(A)</b>	<b>109 dB(A)</b>

and has been manufactured in accordance with the following directives:

\* **2000/14/EG**

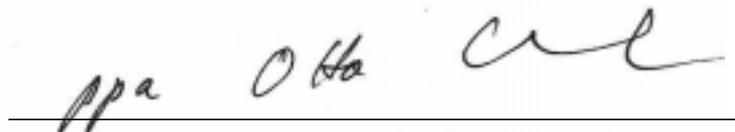
\* **89/336/EG**

\* **98/37/EG**

\* **73/23/EG**

**EN 500-1**

**EN 500-4**



Dr. Stenzel  
Research and Development Management



# VDE Prüf- und Zertifizierungsinstitut

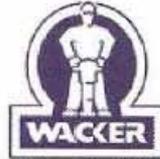
VDE VERBAND DER ELEKTROTECHNIK  
ELEKTRONIK INFORMATIONSTECHNIK e.V.

## CERTIFICATE

Registration-Number: 6236/QM/06.97

This is to certify that the company

**WACKER**



**Wacker Construction Equipment AG  
Wacker-Werke GmbH & Co. KG**

at the following locations

**Head Office Munich  
Preußenstraße 41  
80809 Munich**

**Production plant Reichertshofen  
Karlsfeld logistics centre  
Sales regions with all branches all over Germany**

has implemented and maintains a  
Quality Management System for the following scope:

**Machine manufacture  
Construction machines**

This Q System complies with the requirements of

**DIN EN ISO 9001:2000**

**and the requirements of the German and international Road Traffic Act.**

This Certificate is valid until 2009-06-05.

**VDE Testing and Certification Institute**  
Certification

Date: 2003-05-30

63069 Offenbach, Merianstraße 28  
Telefon: +49 (0) 69 83 06-0, Telefax: +49 (0) 69 83 06-555  
E-Mail: [vde-institut@vde.com](mailto:vde-institut@vde.com), <http://www.vde-institut.com>



The VDE Testing and Certification Institute is accredited by DAR Accreditation  
Bodies according to DIN EN ISO 17020 and DIN EN ISO 45012 and notified in the EU  
under ID.No. 0366.

TGA-ZM-09-92-00  
KBA-ZM-A 00021-97





