

# **PJR265**(CE)

## CORDLESS BRUSHLESS ROTARY HAMMER



# **ORIGINAL USER MANUAL**



Original instructions



BEFORE USING THIS TOOL, STUDY THIS MANUAL TO ENSURE SAFETY WARNING AND INSTRUCTIONS. KEEP THESE INSTRUCTIONS WITH THE TOOL FOR FUTURE REFERENCE.































#### DEFINITIONS OF SIGNAL WORDS

- **WARNING:** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
- **CAUTION:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
- NOTE: Emphasizes essential information.

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## 1. GENERAL POWER TOOL SAFETY WARNINGS





# READ ALL SAFETY WARNINGS AND ALL INSTRUCTIONS.

Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. **Save all warnings and instructions for future reference.** The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

#### 1. WORK AREA SAFETY

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- 2. ELECRRICAL SAFETY
  - Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
  - Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.
     There is an increased risk of electric shock if your body is earthed or grounded.
  - Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
  - Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges and moving

**parts.** Damaged or entangled cords increase the risk of electric shock.

 When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.



• Do not use the power tool in the rain, where water is splashing, in a wet place, or in a damp place. Using the tool in these or similar conditions will increase the risk of electric shock, dangerous malfunction, and overheating. If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

### 3. PERSONAL SAFETY

 Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.



• Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection, hand protector used for appropriate conditions will reduce personal injuries.

- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in a personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

## 4. POWER TOOL USE AND CARE

- Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power

tool repaired before use. Many accidents are caused by poorly maintained power tools.

- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.
- 5. BATTERY TOOL USE AND CARE



 DO NOT DISPOSE OF BATTERY PACKS/BATTERIES INTO FIRE OR WATER. Battery packs/batteries should be collected, recycled or disposed of in an environmental-friendly manner.



• PROTECT THE BATTERY AGAINST HEAT, ALSO AGAINST CONTINUOUS SUN IRRADIATION AND FIRE. There is danger of explosion.



• CHARGE THE BATTERY PACK IN A TEMPERATURE RANGE 5°(41F) TO 40°(104F)



• DO NOT DISPOSE OF POWER TOOLS INTO HOUSEHOLD WASTE. According to the European Guideline 2002/96/EC for Waste Electrical and Electronic Equipment and its implementation into national right, power tools that are no longer usable must be collected separately and disposed of in an environmentally correct manner.



# Li-ion 10

- DEFFECTIVE OR DEAD OUT BATTERY PACKS/BATTERIES MUST BE RECY-CLED ACCORDING TO THE GUIDE-LINE 91/157/EEC.
- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another type of battery pack.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- 6. SERVICE
  - Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

## 2. HAMMER SAFETY WARN-INGS

- 1. BE SURE TO KEEP HANDS AWAY FROM THE TRIGGER SWITCH AND DETACH THE BATTERY PACK WHEN REPLACING OR ADJUSTING THE BIT, WHEN AB-NORMALITIES OCCUR, AND WHEN THE EQUIPMENT IS NOT BEING USED Leaving the Battery pack installed in these situations may cause breakdowns or damage.
- 2. HOLD TOOL BY INSULATED GRIPS WHEN PERFORMING AN OPERATION, BECAUSE THE TOOL'S BIT MAY CON-TACT HIDDEN "LIVE" WIRE Contacting with a "live" wire may make exposed metal parts of the tool "electrified" and shock the operator. Failure to do so may result in serious injury.
- 3. MAKE SURE THE BIT IS SECURED IN PLACE BEFORE OPERATION Failure to do so may result in serious injury.
- 4. DO NOT POINT THE TOOL AT ANYONE Personal injury may result if the tool catches an operator or anyone working near him. While working with the tool, be extremely careful not to bring hands, legs, and other body parts near the bit of the tool.
- NEVER MODIFY THE TOOL Modifying the tool will impair performance and operating safety. Any modification may lead to serious injury and void the tool war-
- ranty. 6. MAINTAIN THE TOOL IN GOOD OPER-ATING CONDITION (CHECK TIGHTNESS OF SCREWS BE-FORE OPERATION)

To secure operating safety and ensure top performance, keep the tool free of wear and damage.

Under normal operation, the tool is designed to produce vibration. Due to the vibration, the screws can come loose, causing damage to the tool or serious injury. Also keep the tool's hand grip dry and clean, especially free of oil and grease. 7. LET THE TOOL WARM UP FOR SEV-ERAL MINUTES BEFORE USE

In cold weather or when the tool has not been used for a long period of time, the internal lubrication in the tool might not be insufficient. In such cases, let the tool warm up for several minutes by operating it with no load. Lacking sufficient internal lubrication, the tool might not operate at full performance.

8. MAKE SURE TO OPERATE THE TOOL ON A FIRM FOOTING

Failure to do so may lead to serious injury.

9. MAKE SURE THERE IS NO ONE BELOW WHEN USING THE TOOL IN HIGH LO-CATIONS

Failure to do so may lead to serious injury of the person below.

10. HOLD THE TOOL FIRMLY WITH BOTH HANDS

Failure to do so may lead to serious injury.

- 11. KEEP HANDS AWAY FROM MOVING PARTS
- 12. DO NOT LEAVE THE TOOL RUNNING Operate the tool only when hand-held.

#### 13. DO NOT TOUCH THE BIT OR PARTS CLOSE TO THE BIT IMMEDIATELY AF-TER OPERATION

These parts may be extremely hot. Touching these parts may cause serious injury.

#### 14. USE ONLY THE AUTHORIZED BATTERY PACK

Use only MAX JPL925 battery pack. If the tool is connected to a power supply other than the authorized pack, such as a re-chargeable battery, a dry cell, or a storage battery for use in automobiles, the tool may be damaged, break down, overheat, or even catch on fire. Do not connect this tool to any power supply except the MAX JPL925 battery pack.

#### 15. TO ENSURE MAXIMUM PERFORMANCE, FULLY CHARGE THE BATTERY BEFORE USE

A new battery pack or one not used for extended periods may have self-discharged and thus may need recharging to restore it to a fully charged condition. Before operating the tool, make sure to charge the Battery pack with the designated MAX Battery charger JC928.

#### **16. BATTERY CHARGING PRECAUTION**

- 1 Use only MAX Battery charger JC928 and Battery Pack JPL925 Failure to do so may cause the Battery to overheat or catch fire leading to serious injury.
- 2 Charge the Battery from AC between 100V and 240V wall sockets Failure to do so may result in overheating,

or inadequate charging possibly causing serious injury.

- 3 Never use a transformer
- 4 Never connect the Battery charger to an engine generator direct-current power supply

The charger will break down or be damaged from burning.

5 Avoid charging the Battery pack in the rain, in a damp place, or where water is splashing

Charging a damp or wet Battery pack will cause an electric shock or a short circuit that may lead to damage from burning and even the tool catching on fire.

- 6 Do not touch the power cord or plug with a wet hand or glove This may cause injury from electric shock.
- 7 Do not put a cloth or any other cover on the Battery charger while the Battery pack is being charged This will cause overheating and damage from burning, or the Charger may even

catch fire. 8 Keep the Battery pack and Battery

- charger away from heat and flames
- 9 Do not charge the Battery pack near flammable materials
- 10 Charge the Battery pack in a well ventilated place

Avoid charging the Battery pack where it will be in direct sunlight.

- 11 Charge the Battery pack in a tem-perature range of 5°C (41°F) to 40°C (104°F)
- 12 Avoid continual use of the Battery charger

Rest the Charger for 15 minutes between charges to avoid functional trouble with the unit.

13 Any objects that block the ventilation holes or Battery pack receptacle may cause electric shock or functional troubles

Operate the charger free of dust or other foreign materials.

#### 14 Handle the power cord carefully

Do not carry the Battery charger by its power cord. Do not use the power cord to disconnect it from a wall socket; this will damage the cord and break the wires or cause a short circuit. Do not let the power cord contact sharp edged tools, hot materials, oil, or grease. A damaged cord must be repaired or replaced.

- 15 Do not charge non rechargeable batteries with this charger.
- 16 This charger is not intended for use by children or disabled persons without supervisor.
- 17 Children should be supervised to ensure that they do not play with the charger.
- 18 Put a pack cap on the terminal of the Battery pack

When the Battery pack is not in use, put a pack cap on its terminal to prevent short circuits.

Keep it away from other metal objects, such as clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.

- 19 Do not leave or store the tool in a vehicle or in direct sunlight during summer. Leaving the tool in high temperature conditions may cause the battery pack to deteriorate.
- 20 Do not store a fully discharged battery pack. If a fully discharged battery pack is removed from the system and left for a long period of time, it may be-come damaged. Recharge the battery immediately when it has been discharged.

## 3. SPECIFICATIONS AND TECHNICAL DATA

## 1. NAME OF PARTS (See Fig. B, C and D)

	1	DEPTH GAUGE			
	2	SDS PLUS TOOL HOLDER			
	3	SIDE HANDLE			
	4	CHANGEOVER LEVER			
	5	LOCK BUTTON			
	6	LED LAMP			
	7	BATTERY PACK JPL925			
гід. Б	8	CHANGEOVER SWITCH			
	9	CONTROL PANEL			
	10	STATUS INDICATOR LED (RED / GREEN)			
	11	ROTATIONAL DIRECTION SWITCH			
	12	TRIGGER SWITCH (CONTINUOUSLY VARIABLE)			
	25	SPECIFICATION LABEL			

13       PACK CAP         14       TERMINAL         15       VENTILATION WINDOW         16       LATCH         17       SPECIFICATION LABEL         18       BATTERY PACK ENTRY POINT         19       CHARGING STATUS INDICATOR LAMP         20       LED LAMP (RED / GREEN) CHARGING STATUS INDICATOR LAMP         21       SPECIFICATION LABEL         22       VENTILATION WINDOW         23       POWER CORD         24       CE (VDE) POWER PLUG			
14       TERMINAL         15       VENTILATION WINDOW         16       LATCH         17       SPECIFICATION LABEL         18       BATTERY PACK ENTRY POINT         19       CHARGING STATUS INDICATOR LAMP         20       CHARGING STATUS INDICATOR LAMP         21       SPECIFICATION LABEL         22       VENTILATION WINDOW         23       POWER CORD         24       CE (VDE) POWER PLUG		13	PACK CAP
Fig. C       15       VENTILATION WINDOW         16       LATCH         17       SPECIFICATION LABEL         18       BATTERY PACK ENTRY POINT         19       LED LAMP (ORANGE) CHARGING STATUS INDICATOR LAMP         20       LED LAMP (RED / GREEN) CHARGING STATUS INDICATOR LAMP         21       SPECIFICATION LABEL         22       VENTILATION WINDOW         23       POWER CORD         24       CE (VDE) POWER PLUG		14	TERMINAL
16     LATCH       17     SPECIFICATION LABEL       18     BATTERY PACK ENTRY POINT       19     LED LAMP (ORANGE) CHARGING STATUS INDICATOR LAMP       20     LED LAMP (RED / GREEN) CHARGING STATUS INDICATOR LAMP       21     SPECIFICATION LABEL       22     VENTILATION WINDOW       23     POWER CORD       24     CE (VDE) POWER PLUG	Fig. C	15	VENTILATION WINDOW
17     SPECIFICATION LABEL       18     BATTERY PACK ENTRY POINT       19     CHARGING STATUS INDICATOR LAMP       20     LED LAMP (RED / GREEN) CHARGING STATUS INDICATOR LAMP       21     SPECIFICATION LABEL       22     VENTILATION WINDOW       23     POWER CORD       24     CE (VDE) POWER PLUG		16	LATCH
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Fig. D         LED LAMP (ORANGE) CHARGING STATUS INDICATOR LAMP           20         LED LAMP (RED / GREEN) CHARGING STATUS INDICATOR LAMP           21         SPECIFICATION LABEL           22         VENTILATION WINDOW           23         POWER CORD           24         CE (VDE) POWER PLUG		18	BATTERY PACK ENTRY POINT
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21SPECIFICATION LABEL22VENTILATION WINDOW23POWER CORD24CE (VDE) POWER PLUG	Fig. D	20	LED LAMP (RED / GREEN) CHARGING STATUS INDICATOR LAMP
22VENTILATION WINDOW23POWER CORD24CE (VDE) POWER PLUG		21	SPECIFICATION LABEL
23POWER CORD24CE (VDE) POWER PLUG		22	VENTILATION WINDOW
24 CE (VDE) POWER PLUG		23	POWER CORD
		24	CE (VDE) POWER PLUG

## 2. TOOL SPECIFICATIONS

PRODUCT NO.	PJR265		
WEIGHT	3.7kg(8.1lbs.)(Battery included)		
HEIGHT	210mm (8-1/4")		
WIDTH	82mm (3-1/4")		
LENGTH	332mm (13-1/16")		
TOOL HOLDER	SDS PLUS		
VOLTAGE / BAT- TERY	25.2V, Li-ion Battery pack JPL925		
RATED SPEED	Normal mode : 0~920 min <sup>-1</sup> Slow mode : 0~560 min <sup>-1</sup>		
IMPACT FREQUENCY AT RATED SPEED	Normal mode : 0~4,700 min <sup>-1</sup> Slow mode : 0~2,860 min <sup>-1</sup>		
MAXIMUM DRILL- ING DIAMATER	Concrete : 26mm (1") Steel : 13mm (1/2") Wood : 30mm (1-3/16")		
MOTOR	Brushless DC Motor		
OPERATING TEM- PERATURE	-5°C to 40°C (14°F to 104°F)		
OPERATING HU- MIDITY	80% RH or less		

## <Battery charger>

PRODUCT NAME	MAX lithium ion battery charger
PRODUCT NO.	JC928(CE)
INPUT	AC100-240V 50/60Hz 1.62- 0.68A
OUTPUT	DC 7.2/10.8/14.4V 7A DC 18/21.6/25.2/28.8V 3.9A
WEIGHT	1.6kg (3.5lbs.)
OPERATING TEMPERATURE	5°C to 40°C (41°F to 104°F)
OPERATING HUMIDITY	80% RH or less

#### <Battery pack>

PRODUCT NAME	MAX lithium ion battery pack		
PRODUCT NO.	JPL925		
BATTERY TYPE	Lithium ion battery		
NOMINAL VOLTAGE	DC25.2 V		
NOMINAL CAPACITY	3.0 Ah (3,000 mAh)		
CHARGING TIME (USE WITH JC928(CE))	Quick charging - Approximately 35 minutes (Apprx. 90% of capacity) Full charging - Approximately 45 minutes at 25°C(77°F) (100% of capacity)		
ACCESSORIES	Pack cap (For preventing short circuit)		
WEIGHT	0.9 kg (2.4lbs.)		
CHARGING TEMPERATURE	5°C to 40°C (41°F to 104°F)		
OPERATING TEMPERATURE	-5°C to 40°C (14°F to 104°F)		
OPERATING HUMIDITY	80% RH or less		

## **BATTERY CHARGER:**

Use only an authorized Battery charger, MAX JC928.

## 3. TECHNICAL DATA

### ① NOISE

The typical A-weighted noise level determined according to EN60745-2-6:

- Sound pressure level (L<sub>pA</sub>): 108dB (A)
- Sound power level (L<sub>WA</sub>): 97dB (A) 3dB (A)
- Uncertainty (K):



Wear ear protection

### ② VIBRATION

The vibration total value (tri-axial vector sum) determined according to EN60745-2-1:

- Work mode: Drilling into metal
- ≤2.5m/s<sup>2</sup> • Vibration emission: (a<sub>h</sub>, <sub>HD</sub>):
- 1.5m/s<sup>2</sup> Uncertainty (K):

The vibration total value (tri-axial vector sum) determined according to EN60745-2-6:

- · Work mode: hammer-drilling into concrete, 16mm diameter and 100mm depth
- Vibration emission: (a<sub>h</sub>, <sub>HD</sub>): 18.2m/s<sup>2</sup>
- 1.5m/s<sup>2</sup> • Uncertainty (K):
- ③ RADIATED EMISSION 30-1000 MHZ Class B

## ④ Overvoltage category

PRODUCT	Overvoltage category
PJR265 CORD-LESS BRUSH-LESS ROTA- RY HAMMER	Category 1 according to IEC 60664-1
JC928(CE) BATTERY CHARGER	Category 2 according to IEC 60664-1

## **5** Pollution degree

Pollution degree : degree 4 according to IEC 60664-1 (Both of PJR265 and JC928(CE)).

## 4. APPLICATIONS

Hammer-drilling in the following materials

- Concrete
- Brick
- Stone

Drilling in the following materials

- Wood
- Metal

## 5. ABOUT PRODUCTION YEAR

This product bears production number in the body. The two digits of the number from left indicates the production year.

(Example) 08826035D Year 2008

## 4. BATTERY INSTRUCTIONS

## 1. Charging



#### WARNING

- Before removing the Battery pack from the tool, set the Rotational direction switch(Fig. B.11) at middle position, and keep hands away from the Trigger switch(Fig. B.12).
- (Fig. E) A Pack cap(Fig. E 13) that is used to prevent short circuits must be removed from the terminal of the Battery pack.

(Fig. F) When charging the Battery pack, remove it from the tool by pushing on its latches (Fig. F 16) from both sides while firmly holding the grip of the tool.

(Fig. G) Plug the charger into a wall socket (100V - 240V).
 The red light, a current-carrying indicator, (Fig. G 20) will flash on and off with two short (Pipi) beep sounds.

## WHEN THE ORANGE STANDBY LIGHT IS LIT

When the Battery pack is hot (after continuous use or exposure to direct sunlight) the Charger will automatically switch to standby to protect the Battery. The orange standby light will be lit until the Battery's temperature lowers to a safe level, The Battery will then be charged auto-matically.

# WHEN THE BATTERY PACK IS AT LOW TEM-PERATURE

When the Battery pack is at low temperature, its charging is automatically suspended until its temperature increases (higher than 5°C (41°F)), in order to protect it, even if it is set in the Charger.

Leave the Battery pack at normal temperature in the room for some time, and then, charge it again.

# WHEN THE ORANGE STANDBY LIGHT BLINKS

This indicates the Battery cannot be charged. Unplug the Charger and check the charging receptacle. If there are any foreign objects, remove them with a soft dry cloth. If the orange light still blinks or there are no foreign objects, there may be a problem with the battery or charger. Return to dealer for service.

## ③ (Fig. H) Charge the Battery pack.

- (1) Fully insert the Battery into the receptacle on the Charger until it sits securely on the end.
- (2) Charging will start automatically and will be indicated by the red charging light with beeps.
- (3) Charging time is approximately 35 minutes (90% capacity). This will vary by temperature and source voltage.
- (4) For batteries those are at low temperatures (10°C (50°F) or lower), charging time must be extended longer. When charging at low temperatures, both of the red and the orange charging light will be lit.
- (Fig. I) When the battery pack has been recharged, the "red" lamp turns off and the "green" lamp blinks. The "green" LED lamp(Fig. I 20) blinks slowly and a long beep sounds for approximately 2 seconds. Now, the battery has been recharged to approximately 90% of its capacity. Quick charging takes approxi-mately 35 minutes (however, the recharging time and capacity slightly change depending on the ambient temperature and power voltage).

(Fig. J) You can use the battery pack when quick charging is complete. However, if you leave the battery pack on the charger, recharging will continue. When the battery is fully recharged (to 100% capacity), the "green" LED lamp lights up (and a long beep sounds for approximately 2 seconds).

- (1) (Fig. K) After you have recharged the battery pack, remove it from the charger.
- (2) (Fig. L) Unplug the charger power cord from the wall socket.



- When the battery pack is fully discharged, do not leave it for a long time without recharging. If the fully discharged battery pack is removed from the system and left for a long time, the battery pack may become damaged. Recharge the battery immediately when it has been discharged.
- Do not leave the battery pack on the charger. If the above is not observed, a weak current will continue to flow and the battery pack may become damaged. When recharging is complete, always remove the battery pack from the charger.

## **BATTERY PACK BREAKDOWNS**

If the following conditions occur, bring the Battery and Charger to your dealer.

- The red charging lamp does not flash when the charger plug is inserted into main power source outlet (When the Battery pack is not inserted in the charger.)
- Neither the red charging lamp nor the orange standby lamp lights or flashes when the Battery pack is inserted in the charger.
- The orange standby lamp does not change to the red charging lamp even after more than 1 hour.
- The red charging lamp does not change from constant to flashing light even after more than 90 minutes. (except at low temperatures)

## SERVICE LIFE OF BATTERY PACK

If any condition described below is observed, the battery pack is at the end of its service life. Replace it with a new one.

• Although the battery pack has been properly charged (fully charged), a great drop in tying time has been noticed.



#### WARNING

Do not charge the battery pack when this happens. If the motor's rotational speed slows down, the power of the battery pack is considered to be nearly depleted. Using the tool more will cause it to overdischarge, resulting in a shortened service life of the battery pack and also in functional trouble of the tool's main body.



Do not use a battery pack when its service life is finished.

This will cause functional trouble in the tool's main body. Also charging a battery pack that is out of service life will lead to functional trouble in the battery charger.

## **RECYCLING A LI-ION BATTERY**

The MAX battery pack uses a Li-ion battery, it may be illegal to dispose of this battery into the municipal waste system. Check with your local solid waste officials for details in your area for recycling options or proper disposal.



When disposing of the battery pack, make sure to put a pack cap on its terminal (with insulating tape securing it) to prevent short circuits.

## INDICATION OF QUICK CHARGER LAMPS

Charger LED lamp	Buzzer sound	Recharging status		
Red lamp blinks. It blinks every second.	The power cord is plugged into the receptacle. Two short beeps (Pi, pi)	The charger is powered.	The charger power cord is plugged into a wall socket.	
Red lamp lights. It remains lit.	The battery pack is mounted. One short beep (Pi)	The battery is be- ing recharged.	Quick recharging continues.	
The green lamp blinks.       The battery has been recharged.         It blinks every second.       A long beep for approx. 2 seconds (Piii)		The battery has been recharged.	The battery has been recharged to ap- prox. 90% of its capacity. If you leave the battery pack on the charger, recharging will continue.	
The green lamp lights up. It remains lit.	Fully recharged. A long beep for approx. 2 seconds (Piii)	Battery is "fully" re- charged.	Recharged to 100% capacity.	
The red lamp lights up. The orange lamp lights up. They remain lit.	_	Protective charging	The battery is recharged with a low current to protect the charger and bat- tery.	
The orange lamp lights up. It blinks every second.	_	If the temperature of the batter is too high: Battery recharging automatically when the tem-pe drops below the limit.           Standby         If the temperature of the batter is too low: Place the battery pa room temperature location for then retry recharging it.		
The orange lamp blinks. It blinks quickly (0.1 sec ON and 0.1 sec OFF).	Not possible to recharge. Short continuous beeps for approx. 10 seconds (Pi, pi, pi, pi,)	Not possible to re- charge.	Unable to recharge the battery. The battery pack slot is contaminated, or the battery pack has failed.	

\* For batteries those are at low temperatures (10°C (50°F) or lower), charging time must be extended longer.

#### For the JC928 lithium ion battery charger (CE)

"Power Supply Cord: Use UL Listed and CSA Certified detachable power supply cord, 18 AWG, two conductors, cord rated VW-1, 105°C, cord external length minimum 1.8m.

One end terminates in a molded-on attachment plug with a 15 A, 125 V (NEMA 1-15P) or 15 A, 250 V (NEMA 2-15P) type configuration.

Other end terminates in a molded-on connector which mates with the Power Appliance Inlet. If a flexible power supply cord is required, the appropriate cord (see below) must be used. The SP-2, SPE-2, SV, SVE, or SVT flexible power supply cord can be used."

- 5. OPERATING INSTRUC-TIONS
- 1. How to mount / remove the Battery pack



- Before mounting / removing the Battery pack from the tool, set the Rotational direction switch(Fig. B.11) at middle position, and keep hands away from the Trigger switch(Fig. B.12).
- Before operation, make sure to check the Battery pack is securely set in the tool. Failure to do so may cause serious injury.
- (Fig. N) When mounting the Battery pack, insert the Battery pack in the tool so that the rails of the Battery and the tool fit each other. Slide the Battery pack to the end, until the click is heard. The Latches(Fig. N 16) must be returned to the original position.
- (Pig. F) When removing the Battery pack, remove it from the tool by pushing on its latches (Fig. F 16) from both sides while firmly holding the grip of the tool.

# 2. How to operate the Trigger switch (continuously variable)

(Fig. O) To start the tool, pull the Trigger switch (continuously variable). Release the Trigger switch to stop.

The Trigger switch is continuously variable, which makes the tool speed increased by increasing pressure on the Trigger switch (vice versa).



• When pulling or releasing the Trigger, the LED lamp on the Control panel (Fig. B 10) flashes (Orange) for a moment. This shows the power is on.

# 3. How to operate the Changeover switch

(Fig. P and Q) Seeing the tool as shown in the figure P, press the Changeover switch (Fig. P 11) to the right to operate the tool clockwise. Press the switch to the left to operate the tool counterclockwise. Set the switch at the middle position to lock the tool's operation. When the tool is not in use, make sure to set the switch at middle position.



### CAUTION

• Do not operate the Changeover switch during the tool is in operation.

Operating the switch during the tool's operation may damage the tool.

4. How to use the Side handle and the Depth gauge



WARNING

- Make sure to operate the tool with holding the tool firmly with both hands, by the Side handle and the grip.
- Use only the original Side handle, which is included in the package.
- Before attaching / removing the Side handle or the Depth gauge, keep the fingers away from the Trigger switch, and remove the Battery pack from the tool.
- When unable to attach the Side handle securely, do not use the tool.

(Fig. R) The Side handle (Fig. R 3) is 360 deg. rotatable. Adjust it at the best angle by loosening and tightening the handle

(Fig. S) The Depth gauge(Fig. S 1) enables adjustment of hammer-drilling depth. The Depth gauge is adjustable by loosening and tightening the Side handle (Fig. R 3)

The Depth gauge is for rough adjustment of the hammer-drilling depth. For precise depth adjustment, measure the hammer-drilling depth with a measuring equipment.

5. How to set and remove the SDS Plus bit to the Tool holder



• Before setting / removing the SDS Plus bit to the tool, keep the fingers away from the Trigger switch, and remove the Battery pack from the tool.

## HOW TO SET THE SDS PLUS BIT

(Fig. T) Insert the SDS Plus bit to the Tool holder (Fig. T 2) until a click is heard. Make sure to check the bit is securely fixed by pulling the bit. When the bit is unable to be inserted at the bottom(when a click is not heard), rotate the bit a little bit and try again.

## HOW TO REMOVE THE SDS PLUS BIT

(Fig. U) Hold and press the Tool holder downward, then remove the bit.

(Fig. V) Prior to set the SDS Plus bit to the tool, clean the holder's end of the bit, then apply grease (Use Shell ® Alvania S2 grease.) to the dent of the bit, as shown in the figure V.

6. How to operate the Changeover lever



• Do not operate the Changeover lever, when the tool is in operation.

(Fig. W) Change the operating mode by the Changeover lever, depending on the object to drill.

To change the operating mode, pressing the Lock button (Fig. W 5), then turn the Changeover lever(Fig. W 4) to drilling or hammer-drilling position. When turning to either position, make sure to check a click is heard.

For use in Steel or Wood material, set the lever to the **C** for drilling.

For use in concrete, brick or stone, set the lever to the *concernation* for hammer-drilling.

## 7. Drilling in Metal or Wood

For use in Steel or Wood material, set the lever to the **C** for drilling.

- 1 Hold the tool firmly with both hands.
- ② Point the bit straight to the drilling object. Do not apply excess pressure to the drilling object. Applying excess pressure may reduce working efficiency, as well as shorten the lifetime of the tool and the bit.
- ③ During the drilling operation, when the tool is overloaded, the tool may automatically stops operation. When this occur, release the Trigger switch and pull the bit out from the drilling object, then stop operation.

Failure to do so may cause damage to the tool.



#### CAUTION

 (Fig. X) When the LED lamp (Fig. X 8) lights with Red color, it shows the tool is overheated and automatically stopped due to overload or continuous operation.
 During the LED lamp lights with Red color, the tool does not operate although the Trigger switch is pulled.

Approximately one minute later, the LED lamp goes off and the tool becomes operational again. However, for the best performance of the tool, continue operation after the tool is cooled down sufficiently.

- When removing the bit from the drilling object by operating the tool counterclockwise, hold the tool with both hands, pull the bit out with operating the tool.
- (5) To operate the tool at the best performance, when start drilling, point the bit with pulling the Trigger switch slightly (slow speed). As the drilled hole getting deep, pull the Trigger switch more to increase the speed.



#### CAUTION

• When drilling in Metal or Wood, use proper bit. Especially when drilling in Steel, use proper lubricants. However, when drilling in Brass or Cast iron, do not use lubricants.



#### • When the tool is overheated, stop operation. After sufficient cool down, continue operation.

Failure to do so may cause damage to the tool.

### 8. Drilling in Concrete, Brick or Stone

For use in Concrete, Brick or Stone material, set the lever to the *comp* for hammer-drilling.



CAUTION

- When hammer-drilling in Concrete, Brick or Stone, use proper SDS Plus bit.
- 1 Hold the tool firmly with both hands.
- ② Point the bit straight to the hammer-drilling object.

If the bit is not pointed straight to the object, the bit may be caught in the drilled hole, and it makes difficult to pull the bit out from the hole.

Do not apply excess pressure to the hammer-drilling object. Applying excess pressure may reduce working efficiency, as well as shorten the lifetime of the bit.

- ③ During the deep hammer-drilling operation, if the operating speed slows down, pull the bit slightly out from the hole, so that the drilled dust is ejected. If the operation is automatically stopped completely, release the Trigger switch immediately, stop operation and pull the bit out from the hole.
- When removing the bit from the drilling object, hold the tool with both hands, pull the bit out with operating the tool.
- ⑤ Do not pour water to the drilling hole. It may make the bit caught in the drilled hole.
- (6) When hammer-drilling in the thin object, apply a plywood panel to the object, in order to prevent cracking the object.

## 9. Slow mode

When hammer-drilling a small diameter (smaller than 5mm) hole in Concrete, operate the tool at "Slow mode", to prevent the breakage of the bit.

- (Fig. X) Press the Changeover switch (Fig. X 8) and check the Status indicator LED (Fig. X 10) lights up with Green color. Then operate the tool.
- When finish operating the tool at Slow mode, press the Changeover switch (Fig. X 8) again and check the Status indicator LED (Fig. X 10) goes off. The tool is at Normal mode.



 Soon after mounting the Battery pack or a certain period of time after the last drill-ing/ hammer-drilling, the Status indicator LED might not lights up or might not goes off, even though the Changeover switch is pressed.

When this happens, with no load, pull trigger once, then press the Changeover switch again.



### WARNING

- Do not operate the Changeover switch, when the tool is in operation.
- Use the "Slow mode" only for ham-merdrilling in Concrete.
   Do not use the "Slow mode" for drilling in

Wood / Metal objects.

"Slow mode" is not suitable for heavy-load operation.



• When the bit is caught in the object, or when hammer-drilling in an inclined angle, the tool may be automatically stopped due to overload preventive clutch.

When this happens, before removing the bit from the object, remove the bit from the tool, in order to prevent damaging the tool.

## 10. LED lamp

(Fig. Y) When the Trigger switch is pulled, the LED lamp (Fig. Y 6) lights up. When 10 ~ 15seconds past after releasing the Trigger switch, it goes off.



#### WARNING

- Do not directly look in the LED lamp's light.
- Do not point the LED lamp's light to anyone's eyes.

Pointing the LED lamp's light to the eyes may cause serious injury.

## 11. Dust cup (Optional)



WARNING

• When attaching the Dust cup to the tool, keep hands and fingers away from the Trigger switch, and make sure that the Battery pack is not set in the tool.

The Dust cup reduces falling down of the dusts when overhead drilling / hammer-drilling. The Dust cup is available as an optional accessory.

## HOW TO SET THE DUST CUP

(Fig. Z) Fit the  $rac{1}{2}$  portion to the side handle.

## HOW TO REMOVE THE DUST CUP

(Fig. AA) Hold near the bottom of the Dust cup, then take it out.



• Before removing the Dust cup, eject the dust in the Dust cup.

## HOW TO USE THE DUST CUP

(Fig. AB) Fit the front end of the Dist cup to the object, then operate the tool.



#### WARNING

• When operating the tool, do not hold the Dust cup.

If the tool is held at the Dust cup, it may drop off and cause serious injury.

Make sure to hold the tool with both hands, at the Side handle and the grip.



#### WARNING

• Use the Dust cup only for Concrete, Brick and Stone applications. Do not use for Metal and other objects.

Using the Dust cup for Metal and other objects may damage the Dust cup, due to the hot ground metal pieces or like.



#### CAUTION

• When storing the Dust cup, do not compress it.

If the Dust cup is kept compressed for a long time, it may not be unable to recover the original shape.

## 12. Drilling / Hammer-drilling times per charge



CAUTION

• Regarding the drilling / hammer-drilling times per charge, it depends on the condition of the Battery pack, hardness of the material and the performance of the bit. The following chart is based on the brand-new battery and hammer-drilling in Concrete.

Mode	Bit diameter	Depth	Drilling times
Slow	φ4.3mm	30mm	Apprx. 221
Normal	φ6.5mm	30mm	Apprx. 184
Normal	φ12.5mm	30mm	Apprx. 105
Normal	φ14.5mm	100mm	Apprx. 20
Normal	φ18mm	60mm	Apprx. 26
Normal	φ26mm	60mm	Apprx. 7

## 6. MAINTENANCE



- Before inspecting the tool, make sure that the Battery pack is not set in the tool. Failure to do so may cause serious injury.
- Before inspecting the Battery charger JC928, make sure that the Charger is disconnected from the power supply.

#### ① Regularly inspect the tool

In order to maintain the performance of the tool, periodically clean up and inspect the tool.

Examine the screws regularly to make sure they are securely tightened.

Incomplete tightening may result in an accident or breakage. If a screw is loose, retighten it completely.

#### ② Do not lubricate the equipment Absolutely do not lubricate this equipment. Applying lubrication will remove the grease inside of the tool, and cause problem on the tool.

③ Do not soak the tool to any liquid. Do not put any liquid in the tool.



CAUTION

• (Fig. X) When the Status indicator LED blinks with Green color, it shows that the after-servicing by MAX authorized distributor is recommended.

When this happens after releasing the Trigger switch, contact MAX authorized distributor for the afterservice.

# 7. STORAGE

Do not store the tool in a cold weather envi-ronment. Keep the tool in a warm area. When not in use, the tool should be stored in a warm and dry place. Keep out of reach of children. All quality tools will eventually require servicing or replacement of parts because of wear from normal use.

## STORE THE TOOL

When you have finished drilling / hamer-drilling work or when the tool will not be used for a while, remove the battery pack from the tool. Tool, attachments and accessories should be stored in a well-ventilated dry place where the temperature will not exceed 40°C (104°F).

The battery pack, with a pack cap installed on the pack's terminal to prevent short circuits, should be stored in a well-ventilated dry place where the temperature will not exceed  $30^{\circ}C$  ( $86^{\circ}F$ ).



CAUTION

WHEN STORING THE BATTERY PACK FOR A LONGER TIME THAN 6 MONTHS WITHOUT USE,

TO KEEP THE PERFORMANCE OF THE BAT-TERY PACK, FOLLOW THESE INSTRUC-TIONS ;

- Fully recharge before storage.
- Put a Pack cap on the Battery pack's ter-minal to prevent short circuits.
- Store the Battery pack in a well-ventilated dry place where the temperature will not be less than -20°C(-4°F) and will not exceed 30°C (86°F).
- Do not store the Battery pack in a place where is under direct sunshine.

# PJR265(CE)

EXPOLDED VIEW AND SPARE PARTS LIST



#### ITFM PART MATERIAL ENGLISH DEUTSCH FRANÇAIS ITAL IANO ESPAÑOL NO NO. 1 PJ70257 PA, Rubber sponge, PET motor housing set (L& R) (CE) 2 AA05590 Steel TAP tight(B)4X20 CF +bind 3 PJ10922 PC LED lens LL11730 Steel ball bearings 608DD 4 PJ10948 CR Rubber 5 sponge seal PJ10910 ABS 6 change lever 7 PJ10921 Steel spring PJ70077 PA, PBT, Copper, Stainless steal trigger SW lever 8 9 PJ13022 PET Rating Label(CE) 10 PJ13023 PET Panel Label(CE) 11 PJ70091 ABS, Silicon Rubber main circuit board unit PJ70084 PBT, phosphor bronze battery connector unit AA21176 Steel 13 Phillips pan head screw 5X8 med 14 YU39103 Huse huse 31500001 RT0 CC41303 Steel hex nut 1-5 16 PJ70086 Steel, Aluminium, Sillicon main printed circuit board unit 17 PJ70087 Steal, PA, Copper, brass stator unit 18 PJ70095 Steel, PA, Magnet rotor assy AA22105 Steel 19 oval counter-sunk screw 4×10 HH14028 NBR Rubber O-ring as 568-028 20 HH22009 NBR Rubber 21 oil seal 009 22 PJ70070 Aluminum, Steel inner housing unit PJ10920 felt 23 felt HH11505 Sillicon Rubber 24 O-ring, Type 4, C P65 25 EE39842 Steel special plain washer 28.6X33X1 BB40839 Steel hex socket head cap srew M46X16 mec 26 PJ80010 Steel inner shaft unit 27 KK83015 Steel 28 conical coil spring 3015 29 PJ10887 Steel clatch JJ51603 Steel washer C 14 30 EE39844 Steel 31 special plain washer 12.1X18X1 32 PJ10884 Steel piston pin 33 PJ10883 Aluminium piston HH19613 Fluororubber special O-ring,type 4, D 3X16 34 PJ10882 Steel 35 ram JJ80602 Steel 36 retainer 25 37 PJ10881 Steel holder sleeve O-ring AS 568-204 HH14166 NBR Rubber 38 39 HH19914 NBR Rubber special O-ring 4.5X16.2 40 PJ10880 Steel hammer folder A 41 HH11111 NBR Rubber O-ring type 1A P14 PJ10879 Steel second Hammer 42 PJ10878 Steel 43 hammer folder B 44 PJ70082 Steel, NBR Rubber bushing unit 45 PJ10877 Steel cylinder head PJ10885 Steel 46 second gear 47 KK29022 Steel compression spring 9022 48 EE39843 Steel special plain washer 32.5X40X2 PJ70078 49 cylinder assy 50 JJ51604 Steel C-ring 32 51 LL11729 Steel ball bearings 606VV 52 PJ70256 PA GEAR HOUSING ASSY(CE) CROSS RECESSED TRUSS SCREW 1, 5X50 CF 53 AA35601 Steel 54 PJ10960 PET logotype label 55 PJ13021 PET name label (CE) 56 PJ70072 CHANGE LEVER ASSY HH11106 NBR Rubber O-ring 1A P16 KK83014 Steel conical coil spring 3014 58 PJ10874 59 Steel holder washer LL71602 Steel 60 steel ball 7

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#### PJR265 (CE)

ITEM NO.	PART NO.	MATERIAL	ENGLISH	DEUTSCH	FRANÇAIS	ITALIANO	ESPAÑOL
61	PJ10873	Steel	ball holder				
62	PJ10872	PA	retainer				
63	PJ10871	NBR Rubber	front cap				
64	PJ10892	ABS	push button				
65	KK29021	Steel	compression spring 9021				
66	PJ70098	PA、Steel	change lever unit				
67	PJ70073		SIDE HANDLE ASSY				
68	PJ10907	phosphor bronze	relay terminal				
69	EE39841	Steel	special plain washer 6.2X20X1				
70	BB71328	Steel	hex bolt 8X90				
71	CC42513	Steel	hex nut type 2, M8 CF				
72	PJ10900	PA	side handle				
73	PJ10901	PA	side handle mount				
74	PJ10947	Steel	depth gauge				

# **PJR265**

We hereby decla	EC DECLARATION OF CONFORMITY re that the product titled in this instruction manual conforms to the red option providements of EC Directives as holes:	Directive de Mé EN ISO 1210 EN ISO 1412 Directive EN C	écanique: 10-1:2003 + A1:2009, EN ISO 12100-2:2003 + A1:2009, 11-1:2007, EN 60745-1:2009, EN 60745-2-2:2004
Directive	:Machinery Directive 2006/42/EC EMC Directive 2006/42/EC	EMI EMS	:EN 61000-6-3:2007 :EN 61000-6-1:2007, EN 61000-4-2:2009 EN 61000-4-3:22006 + A1:2008, EN 61000-4:8:1939 + A1:2001
Manufacturer	:MAX CO., LTD. 1848, Kawai, Tamamura-machi, Sawa-gun, Gunma, 370-1117 Japan	Titre Adresse	:Directeur Général, Département Assurance de Qualité :1848, Kawai, Tamamura-machi, Sawa-gun, Gunma.370-1117 Jaoan
This product has following Europe	been evaluated for conformity with the above directives using the an standards.	Agent de confo Camerastraat 1	prmité agréé:MAXEUROPE BV/Président dans la communauté 19, 1322 BB Almere, Pays-Bas
Machinery Direct EN ISO 12100- EN ISO 14121- EMC Directive:	ive: 1:2003 + A1:2009, EN ISO 12100-2:2003 + A1:2009, 1:2007, EN 60745-1:2009, EN 60745-2-2:2004		DICHIARAZIONE DI CONFORMITÀ CE
EMI EMS	:EN 61000-6-3:2007 :EN 61000-6-1:2007, EN 61000-4-2:2009 EN 61000-4-3:2006 + A1:2008, EN 61000-4-8:1993 + A1:2001	Si dichiara qu conforme ai re direttive CE, co	ii che il prodotto riferito in questo manuale di istruzioni risulta iquisiti di base concernenti la salute e la sicurezza, espressi dalle ime riportato di seguito.
Title Address	:General Manager, Quality Assurance Department :1848, Kawai, Tamamura-machi, Sawa-gun,	Direttiva	:Direttiva Macchine 2006/42/CE Direttiva EMC 2004/108/CE
Authorized comp	Gunma, 370-1117 Japan lier :MAX EUROPE BV / President in the community	Produttore	:MAX CO., LTD. 1848, Kawai, Tamamura-machi, Sawa-gun, Gunma, 370-1117 Japan
	Camerastraat 19,1322 BB Almere, The Netherlands	Questo prodott secondo i segu	to è stato valutato per la conformità con le succitate direttive, ienti standard europei.
Wir erklären hierr mit den maßgebl konform ist, wie r	EG KONFORMITÄTSERKLÄRUNG nit, dass das in dieser Bedienungsanleitung beschriebene Produkt chen Gesundheits- und Sicherheitsvorschriften der EG-Richtlinien nachstehend beschrieben.	Direttiva Macch EN ISO 1210 EN ISO 1412 Direttiva EMC: EMI	nine: 10-1:2003 + A1:2009, EN ISO 12100-2:2003 + A1:2009, 11-1:2007, EN 60745-1:2009, EN 60745-2-2:2004 :EN 61000-6-3:2007 :EN 61000-6-3:2007
Richtlinie	:Maschinenrichtlinie 2006/42/EC EMC-Richtlinie 2004/108/EC	LWG	EN 61000-4-3:2006 + A1:2008, EN 61000-4-8:1993 + A1:2001
Hersteller	:MAX CO., LTD. 1848, Kawai, Tamamura-machi, Sawa-gun, Gunma, 370-1117 Japan	Titolo Indirizzo	:Direttore generale,Dipartimento controllo qualità :1848, Kawai, Tamamura-machi, Sawa-gun, Gunma, 370-1117 Giappone
Dieses Produkt v der folgenden eu	vurde auf Konformität mit den obigen Richtlinien unter Einhaltung ropäischen Normen geprüft.	Sede in Europa	a :MAX.EUROPE BV/Presidente della società MAX.EUROPE Camerastraat 19,1322 BB Almere, Oland
Maschinenrichtlir EN ISO 12100- EN ISO 14121- EMC-Richtlinie:	ile: 1:2003 + A1:2009, EN ISO 12100-2:2003 + A1:2009, 1:2007, EN 60745-1:2009, EN 60745-2-2:2004	Por este medi	DECLARACIÓN EC DE CONFORMIDAD
EMI EMS	:EN 61000-6-3:2007 :EN 61000-6-1:2007, EN 61000-4-2:2009 EN 61000-4-3:2006 + A1:2008,	instrucciones s seguridad esen	se encuentra en conformidad con los requerimientos de salud y de aciales de las Directivas CE.
Position	EN 61000-4-8:1993 + A1:2001 :Generaldirektor,Abteilung für Qualitätssicherung	Directiva	: Directiva sobre Maquinaria 2006/42/CE Directiva EMC 2004/108/CE
Adresse	:1848, Kawai, Tamamura-machi, Sawa-gun, Gunma, 370-1117 Japan	Fabricante	:MAX CO., LTD. 1848, Kawai, Tamamura-machi, Sawa-gun, Gunma, 370-1117 Japan
Autorisierter Ents Camerastraat 19,	orger: MAX.EUROPE BV/Präsident in der Gemeinschaft 1322 BB Almere, Holland	Este producto l mencionadas u	ha sido evaluado en conformidad con las directivas antes sando los estándares de Europa.
Nous déclarons p	DÉCLARATION DE CONFORMITÉ CE par la présente que le produit du titre de ce manuel d'instructions	Directiva sobre EN ISO 1210 EN ISO 1412	maquinaria: Io-1:2003 + A1:2009, EN ISO 12100-2:2003 + A1:2009, I1-1:2007, EN 60745-1:2009, EN 60745-2-2:2004
est conforme aux décrites ci-desso Directive :	c exigences essentielles de santé et de sécurité des Directives CE us. Directive de Mécanique 2006/42/CE Directive EMC 2004/108/CE	Directiva EMC: EMI EMS	:EN 61000-6-3:2007 :EN 61000-6-1:2007, EN 61000-4-2:2009 EN 61000-4-3:2006 + A1:2008, EN 61000-4-8:1993 + A1:2001
Fabricant :	MAX CO., LTD. 1848, Kawai, Tamamura-machi, Sawa-gun, Gunma, 370-1117 Japan	Título	:Gerente general,Departamento de aseguramiento de calidad Dirección:1848, Kawai, Tamamura-machi, Sawa-gun, Gunma, 370-1117 Japan

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