HITACHI

High Pressure Washer Hochdruckreiniger **Nettoyeur haute pression** Idropulitrice ad alta pressione Arandela de alta presión Anilha de alta pressão Myjka wysokociśnieniowa Magasnyomású mosó Basinçli yikama makinesi Мийка високого тиску Мойка высокого давления

AW 150



Read through carefully and understand these instructions before use. Diese Anleitung vor Benutzung des Werkzeugs sorgfältig durchlesen und verstehen. Lire soigneusement et bien assimiler ces instructions avant usage.

Prima dell'uso leggere attentamente e comprendere queste instruzioni.

Leer cuidadosamente y comprender estas instrucciones antes del uso.

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Antes de usar, leia com cuidado para assimilar estas instruções.

Przed użytkowaniem należy dokładnie przeczytać niniejszą instrukcję i zrozumieć jej treść.

Használat előtt olvassa el figyelmesen a használati utasítást.

Aleti kullanmadan önce bu kılavuzu iyice okuyun ve talimatları anlayın.

Будь ласка, прочитайте інструкції і перевірте себе, чи все эрозуміло, перш ніж користуватися приладом.

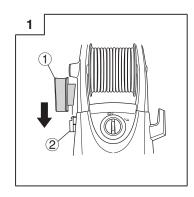
Внимательно прочтите данную инструкцию по эксплуатации прежде чем пользоваться инструментом.

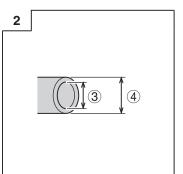


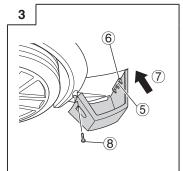
Handling instructions Bedienungsanleitung Mode d'emploi Istruzioni per l'uso Instrucciones de manejo Instruções de uso

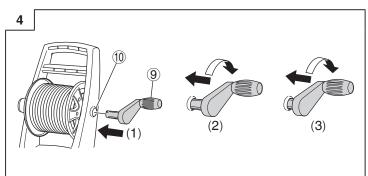
Instrukcja obsługi Kezelési utasítás Kullanım talimatları Інструкції щодо поводження з пристроєм Инструкция по эксплуатации

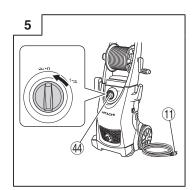
Hitachi Koki

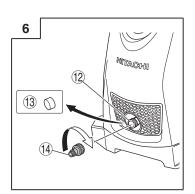


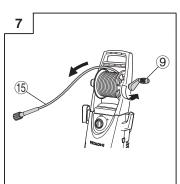


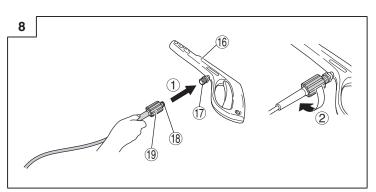


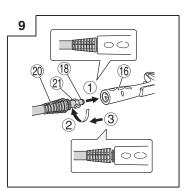


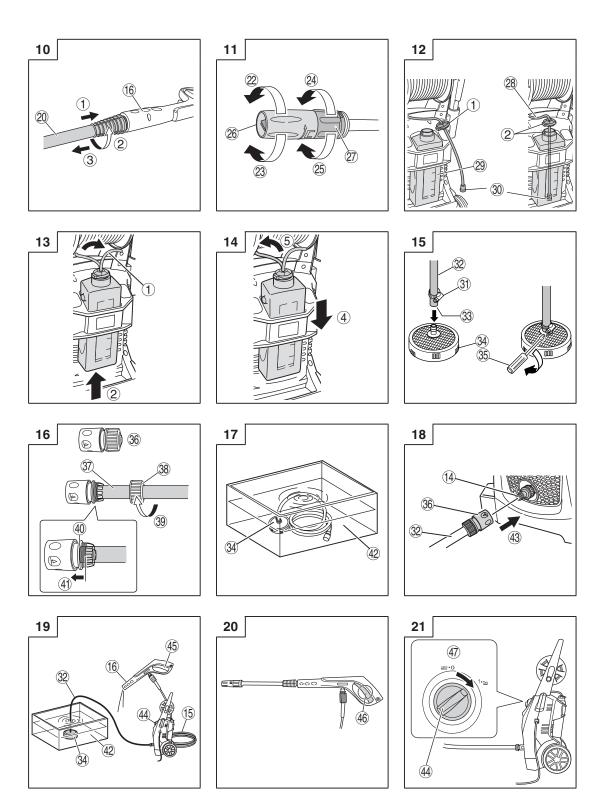


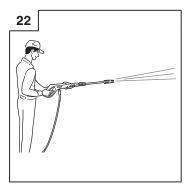


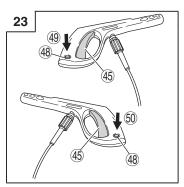


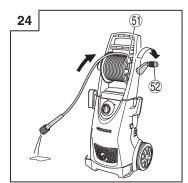


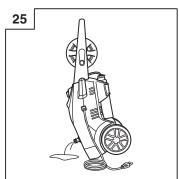


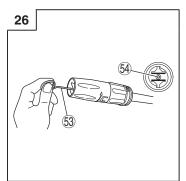


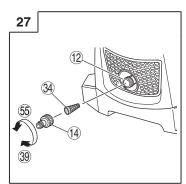


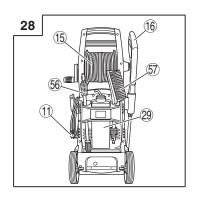












	English	Deutsch	Français	Italiano
(1)	Gun holder	Pistolenhalter	Porte-pistolet	Supporto della pistola
2	Washer protrusion	Reinigervorsprung	Saillie du nettoyeur	Sporgenza dell'idropulitrice
3	14 to 15 mm	14 bis 15 mm	14 à 15 mm	14 - 15 mm
<u>(4)</u>	20 mm or less	20 mm oder weniger	20 mm au maximum	20 mm o meno
(5)	Gun support protrusion	Vorsprung der Pistolenhalterung	Support du pistolet en saillie	Sporgenza del supporto della pistola
6	Washer long hole	Langes Loch des Reinigers	Trou profond du nettoyeur	Foro lungo dell'idropulitrice
7	Press firmly	Fest drücken	Appuyez fermement	Premere saldamente
8	Screw supplied	Mitgelieferte Schraube	Vis fournie	Vite in dotazione
9	Hose handle	Schlauchgriff	Poignée du tuyau	Manovella avvolgitubo
10	Attachment hole	Befestigungsloch	Trou de fixation	Foro di attacco
11)	Power plug	Netzstecker	Fiche d'alimentation	Spina di alimentazione
12	Water feed inlet	Wasserzulauföffnung	Entrée d'alimentation en eau	Ingresso di alimentazione dell'acqua
13	Water feed inlet cap	Kappe für Wasserzulauföffnung	Bouchon de l'alimentation en eau	Tappo dell'ingresso di alimentazione dell'acqua
14)	Water feed connector	Wasserzulaufanschluss	Connecteur d'alimentation en eau	Connettore di alimentazione dell'acqua
15	High-pressure hose	Hochdruckschlauch	Tuyau à haute pression	Tubo flessibile ad alta pressione
16	Trigger gun	Auslöserpistole	Pistolet à gâchette	Pistola a grilletto
17)	Connector	Anschluss	Connecteur	Connettore
18	O-ring	O-Ring	Joint torique	O-ring
19	Ring	Ring	Joint	Anello
20	Nozzle	Düse	Buse	Ugello
21)	Protrusion	Vorsprung	Saillie	Sporgenza
22	Jet	Strahl	Jet	Getto
23	Spray	Sprühen	Vaporisateur	Spruzzo
24)	Low-pressure	Niederdruck	Basse pression	Bassa pressione
25)	High-pressure	Hochdruck	Haute pression	Alta pressione
26	Nozzle tip	Düsenspitze	Pointe de la buse	Punta dell'ugello
27)	Pressure adjuster	Druckregler	Régulateur de pression	Regolatore di pressione
28	Water supply pipe	Wasserversorgungsrohr	Conduite d'alimentation en eau	Tubo di alimentazione acqua
29	Detergent bottle	Reinigungsmittelflasche	Flacon de détergent	Flacone del detergente
30	Filter on the tip of the water feed pipe	Filter an der Spitze des Wasserversorgungsrohrs	Filtre à l'extrémité du tuyau d'alimentation en eau	Filtro all'estremità del tubo di alimentazione dell'acqua
31)	Hose band	Schlauchklemme	Collier de serrage du tuyau	Fascetta fermatubo
32)	Suction hose	Ansaugschlauch	Tuyau d'aspiration	Tubo flessibile di aspirazione
33	Moisten the inside with water	Die Innenseite mit Wasser befeuchten	Humidifiez l'intérieur à l'eau	Inumidire l'interno con acqua
34)	Strainer	Siebfilter	Crépine	Filtro
35)	Slotted screwdriver	Flachkopfschraubenzieher	Tournevis à tête plate	Cacciavite a testa piatta
36	One-touch joint	Gelenk auf Knopfdruck	Raccord rapide	Raccordo rapido
37)	Insert the suction hose	Den Ansaugschlauch einschieben	Insérez le tuyau d'aspiration	Inserire il tubo flessibile di aspirazione
38	Pass it through the ring first	Zuerst durch den Ring führen	Commencez par le passer dans le joint	Inserirlo prima nell'anello
39	Tighten	Festziehen	Serrez	Serrare
40	Hose end	Schlauchende	Extrémité du tuyau	Estremità tubo flessibile

	English	Deutsch	Français	Italiano
41)	Insert it past this point	Über diesen Punkt hinaus einschieben	Insérez au-delà de ce point	Inserirlo oltre questo punto
42	Accumulated water	Angesammeltes Wasser	Réservoir d'eau	Acqua accumulata
43	Insert directly	Direkt einschieben	Insérez directement	Inserire direttamente
44	Switch	Schalter	Interrupteur	Interruttore
45	Trigger	Auslöser	Gâchette	Grilletto
46	Center of the trigger	Mitte des Auslösers	Centre de la gâchette	Centro del grilletto
47)	Switch ON	Einschalten	Interrupteur ON	Interruttore su ON (acceso)
48	Trigger stopper	Auslöserstopper	Sécurité de la gâchette	Fermo del grilletto
49	Lock	Verriegeln	Verrou	Blocco
50	Release	Entriegeln	Relâchez	Rilascio
<u>(51)</u>	Hose reel	Schlauchaufroller	Dévidoir	Tamburo avvolgitubo
52	Hose handle	Schlauchgriff	Poignée du tuyau	Manovella avvolgitubo
53	Nozzle cleaner pin	Düsenreinigungsstift	Broche de nettoyage de la buse	Pulitore dell'ugello
54)	Nozzle hole	Düsenloch	Orifice de la buse	Foro dell'ugello
55	Loosen	Lockern	Desserrez	Allentare
56	Turbo nozzle	Turbodüse	Buse turbo	Ugello turbo
57)	Cleaning brush	Reinigungsbürste	Brosse de nettoyage	Spazzola per pulizia

	English	Deutsch	Français	Italiano
	Symbols WARNING The following show symbols used for the machine. Be sure that you understand their meaning before use.	Symbole WARNUNG Die folgenden Symbole werden für diese Maschine verwendet. Achten Sie darauf, diese vor der Verwendung zu verstehen.	Symboles AVERTISSEMENT Les symboles suivants sont utilisés pour l'outil. Bien se familiariser avec leur signification avant d'utiliser l'outil.	Simboli AVVERTENZA Di seguito mostriamo i simboli usati per la macchina. Assicurarsi di comprenderne il significato prima dell'uso.
	Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.	Lesen Sie sämtliche Sicherheitshinweise und Anweisungen durch. Wenn die Warnungen und Anweisungen nicht befolgt werden, kann es zu Stromschlag, Brand und/oder ernsthaften Verletzungen kommen.	Lire tous les avertissements de sécurité et toutes les instructions. Tout manquement à observer ces avertissements et instructions peut engendrer des chocs électriques, des incendies et/ou des blessures graves.	Leggere tutti gli avvertimenti di sicurezza e tutte le istruzioni. La mancata osservanza degli avvertimenti e delle istruzioni potrebbe essere causa di scosse elettriche, incendi e/o gravi lesioni.
	Only for EU countries Do not dispose of electric tools together with household waste material! In observance of European Directive 2002/96/EC on waste electrical and electronic equipment and its implementation in accordance with national law, electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.	Nur für EU-Länder Werfen Sie Elektrowerkzeuge nicht in den Hausmüll! Gemäss Europäischer Richtlinie 2002/96/EG über Elektro- und Elektronik- Altgeräte und Umsetzung in nationales Recht müssen verbrauchte Elektrowerkzeuge getrennt gesammelt und einer umweltgerechaten Wiederververtung zugeführt werden.	Pour les pays européens uniquement Ne pas jeter les appareils électriques dans les ordures ménagères! Conformément à la directive européenne 2002/96/EG relative aux déchets d'équipements électriques ou électroniques (DEEE), et à sa transposition dans la législation nationale, les appareils électriques doivent être collectés à part et être soumis à un recyclage respectueux de l'environnement.	Secondo la Direttiva
	High-pressure water can be dangerous if used incorrectly. High-pressure water jets must not be directed at people, electrical equipment or the washer itself.	Wasser unter hohem Druck kann bei falscher Benutzung gefährlich sein. Der Hochdruckstrahl darf nicht auf Menschen, elektrische Anlagen, oder den Reiniger selbst gerichtet werden.	L'eau sous haute pression peut être dangereuse si elle n'est pas utilisée correctement. Un jet d'eau sous haute pression ne doit pas être dirigé vers des personnes, des équipements électriques ou le nettoyeur.	L'acqua ad alta pressione può essere pericolosa, se utilizzata in modo scorretto. Non puntare il getto ad alta pressione dell'idropulitrice verso persone, apparecchiature elettriche o l'idropulitrice stessa.
	Water that has passed through the backflow valve cannot be used for drinking.	Wasser, das durch das Rückflussventil geflossen ist, ist nicht trinkbar.	L'eau qui est passée à travers le clapet anti- retour n'est pas potable.	L'acqua che ha attraversato la valvola antiriflusso non è potabile.
~	Alternating current	Wechselstrom	Courant alternatif	Corrente alternata
	Class II tool	Werkzeug der Klasse II	Outil classe II	Attrezzo di Classe II
⚠	Warning	Warnung	Avertissement	Avvertenza
V	Volts	Volt	Volts	Volt
А	Amperes	Ampere	Ampères	Ampere
Hz	Hertz	Hertz	Hertz	Hertz
W	Watts	Watt	Watts	Watt
kg	Kilograms	Kilogramm	Kilogrammes	Kilogrammi
MPa	Megapascals	Megapascal	Mégapascals	Megapascal

GENERAL POWER TOOL SAFETY WARNINGS

⚠ WARNING

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.

- Make sure the work area is always kept neat and tidy.
 - Failure to observe this may result in accidents.
- Take the surrounding environment into consideration when using the washer.
- Make sure the work area is brightly lit.
- O Do not use the washer near flammable liquid or gas.
- 3. Beware of electric shocks.
 - Do not touch anything that is earthed (grounded) when using the High Pressure Washer. (For example, pipes, heaters, microwave ovens, refrigerators, etc.)
- 4. Do not use the washer near children.
- People other than the person using the washer must not be allowed to touch the washer or the cord.
- People other than the person using the washer must not come near the work area.
- 5. Store the washer in a safe place when not in use. Store the washer in a dry, high location or protected with a lock out of the reach of children.
- Do not use the washer in inappropriate ways.
- Use the High Pressure Washer within the limits of its capabilities to ensure safe and efficient results.
- Do not use the washer for any purpose other than that for which it was designed.
- 7. Wear safe clothing when using the washer.

 Use safety boots, gloves, helmets with visors and earplugs in accordance with necessity.
- Use protective goggles and dust-protection masks when using the washer.
 - There is a chance that splashes and dust may enter the eyes and mouth when using the washer.
- 9. Do not handle the power cord roughly.
- Do not carry the High Pressure Washer with only the power cord or pull the plug from the socket while holding the power cord.
- Keep the power cord away from heat, oil and sharp corners.
- Make sure the item being cleaned is firmly fixed in place.

There are cases in which the power of the water pressure will cause light objects to fly off. Do not use the washer on light objects that cannot be fixed in place.

- 11. Maintain a proper stance when using the washer.

 Make sure your feet are always placed firmly on the ground to maintain balance.
- Pay close attention to maintaining the High Pressure Washer.
- Clean the washer regularly to ensure safe and efficient use.
- Refer to the instruction manual when replacing supplied parts.
- Regularly check the power cord and ask your dealer for repairs in the event of it being damaged.
- If using an extension cord, check it regularly and replace it in the event of it being damaged.

- Make sure the grip is always kept dry and clean, and do not allow oil of grease to come into contact with it.
- 13. Switch off and unplug the High Pressure Washer in the following situations:
- When it is not in use and when it is being repaired.
- When attaching or detaching supplied or purchased parts.
- In other situations in which risks seem apparent.
- 14. Always remove equipment used for adjustment purposes.

Check to make sure that all equipment used for adjustment purposes has been removed before switching on the power.

- 15. Avoid accidentally switching on the power.
- Make sure you do not accidentally switch on the power to the washer when it is plugged in.
- Check to make sure that the washer is switched off before plugging it into the power supply.
- 16. Use extension cords designed for outdoor use.

 When using extension cords outdoors, make sure they are cab-tire cords or cables.
- 17. Pay attention at all times when using the washer.
- Pay attention to the methods of use stipulated in the instruction manual and the surrounding environment when using the High Pressure Washer.
- O Do not use the washer when tired.
- 18. Only use specified accessories and attachments.

 Using accessories and attachments other than those specified in the instruction manual or in Hitachi catalogs may result in accidents or injuries and must be avoided at all costs.
- 19. High Pressure Washer repairs to be performed only by experts.
- The High Pressure Washer conforms to all relevant safety regulations and must not be modified.
- All repairs must be requested to Hitachi authorized service centers. Attempting to carry out repairs without the correct skills may result in accidents or injuries.
- 20. Check to make sure there are no damaged parts.
- Carry out thorough inspections before using the washer to make sure that no parts are damaged, and check to ascertain that the washer is functioning properly.
- Check that all moving parts or correctly positioned, have been tightened in place and are correctly attached, and then check all areas to confirm that there are no abnormalities that could affect operations.
- Refer to the instruction manual when replacing or repairing damaged parts.
 - Request repairs to Hitachi authorized service centers if details on repairs are not specified in the instruction manual.
- Request repairs to Hitachi authorized service centers if the switch is damaged.
- Do not use the High Pressure Washer if the switch becomes inoperable or cannot be turned off.
- 21. Use a power supply that conforms to the voltage listed on the name plate.

Failure to observe this may result in the washer operating at higher speeds than normal, leading to overheating and the outbreak of smoke and fire, which may cause damage or injuries.

- 22. Use an independent power socket with a rated value of 15 A or more.
 - Sharing a power socket with other equipment may result in the breaker shutting down.
- 23. Hold the trigger gun firmly in both hands when using the washer.

Failure to observe this may result in injury.

- 24. High-pressure water can be dangerous if used incorrectly.
 - High-pressure water jets must not be directed at people, animals, easily-broken items, electrical equipment or the washer itself.
- 25. Do not use gasoline, oil, organic solvents or other inflammable or toxic liquids, or any other inappropriate liquid.
 - Failure to observe this may result in explosions, the outbreak of fire or smoke, or other accidents, which may cause damage or injury.
- 26. When washing automobile tires, make sure that the tip of the nozzle is kept at least 50cm distant from the surface being washed.
 - Failure to observe this may result in damage to the tire or brakes, which may cause serious accidents.
- 27. Do not touch the power plug or power socket with wet hands.
 - Failure to observe this may result in electric shocks.
- 28. When the washer is being used by people (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, they must be supervised and guided by people capable of operating it safely.
- 29. Make sure that a backflow valve is used without fail when connecting the washer to a drinking water faucet.

Water that has passed through the backflow valve cannot be used for drinking.

- 30. Make sure that water is not splashed onto the High Pressure Washer, power cord, extension cable, power plug, power socket or other areas. Also, neither exposes it to rain nor use it in the rain. Failure to observe this may result in electric shocks.
- 31. Do not hold the trigger gun when fixing it in place. 32. If the washer is not functioning normally or is emitting strange noises or vibrations switch it off immediately and contact Hitachi authorized service centers to request inspections or repairs. Continued use may result in injury.
- 33. If the washer is accidently dropped or banged into something solid, inspect it for damage, cracks and malformation.

Failure to observe this may result in injury.

CAUTION

- Purge all of the pressure within the washer before disconnecting the high-pressure hose.
- Attach all supplied accessories correctly in accordance with the instruction manual. Failure to observe this may result in the accessories becoming detached or in injury.
- 3. Check to make sure that no foreign matter is adhering to the object being washed. Failure to observe this may result in the matter flying off and causing unexpected injury.
- 4. Do not spray a jet of water at the areas surrounding labels on the object being washed.
- Failure to observe this may result in the labels peeling off. Grip the handle firmly when carrying the washer.
- Do not use any accumulated water other than clean water from the faucet (water containing dirt, mud, sand, etc.) when using the auto-suction function.

SPECIFICATIONS

Model	AW150
Voltage (by areas)*1	Single-phase AC 50/60 Hz Voltage 220 V to 240 V
Power input*1	2000 W
Max. discharge pressure (1MPa: 10.2 kgf/cm²)	11.0 MPa
Max permissible pressure	15.0 MPa
Max feed pressure	0.7 MPa
Max water discharge	6.67 L/min
Permissible temperature	40°C or less
Dimensions (Length x Width x Depth)	425 mm x 345 mm x 905 mm (Including the hose handle, power cord holder, gun holder, gun support and water feed connector)
Weight*2	12.4 kg

^{*1} Be sure to check the nameplate on product as it is subject to change by areas.

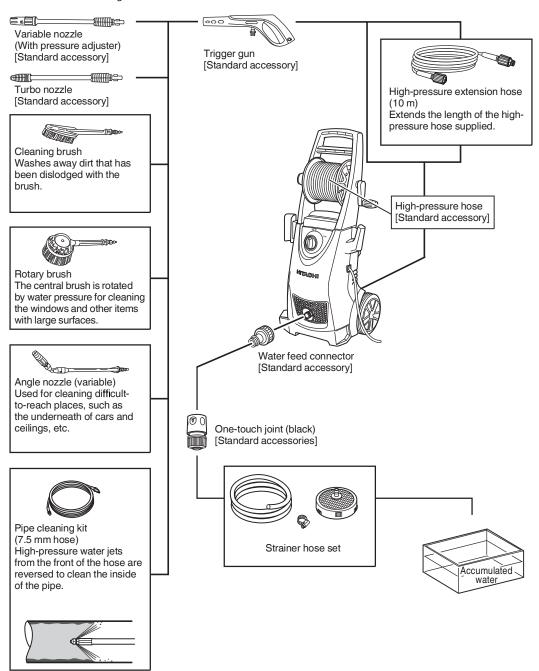
^{*2} Weight: Excluding the power cord, weight consists of trigger gun, high-pressure hose, variable nozzle, water feed connector and accessory holder.

STANDARD ACCESSORIES

(10)	Trigger gun 1 High-pressure hose (10 m) 1 Variable nozzle (with pressure adjuster) 1 Turbo nozzle 1 Detergent bottle (stored inside the unit) 1 One-touch joint (black) (For use with the strainer hose) 1 Water feed connector 1 Nozzle cleaner pin 1 Gun holder 1 Hose handle 1 Gun support (with 1 attachment screw) 1
(1)	(2)
(3)	
(5)	(6)
(7)	
(9)	(10)
(11)	

OPTIONAL ACCESSORIES (sold separately)

Items shown in [_] are sold separately. Contact Hitachi authorized service centers for replacements if the standard accessories become damaged or broken.



APPLICATIONS

- O Cleans screen doors, window glass, floors, walls, etc.
- Cleans automobiles, motorbikes, etc.
- Cleans mud off gardening equipment and agricultural equipment.

PRIOR TO OPERATION

1. Installation of an earth leakage circuit breaker

It is recommended that an earth leakage circuit breaker is connected to the washer to shut off the power if leaking current exceeds 30 mA for 30 milliseconds in order to prevent electric shocks.

2. Keep the work area neat and tidy

Dirty water will be sprayed about when using the washer. It is therefore necessary to check the area to make sure there are no hindrances, and keep the work area neat and tidy.

3. Situating the washer

Select flat locations where the washer will not be splashed with water when cleaning.

4. Using extension cords

Make sure the cord is thick enough to provide a constant supply of electricity, and use cords that are as short as possible.

Acceptable cord thicknesses (Nominal cross sectional area cable) and cord length are indicated in the table below.

2 94 3 3 64346232219 747 ² 20	29233 23463525619720
1	1249
149	210
249	310

5. Attaching the gun holder (Fig. 1)

Align the groove on the gun holder with the protrusion on the washer and push until it clicks into place.

6. Prepare a water feed hose (Fig. 2)

Prepare the following when using water feed hoses:

- O Hoses that can withstand pressure (equipped with meshes)
- O Hoses with an inner diameter of 14 to 15 mm.
- O Hoses with an outer diameter of 20 mm or less.

7. Attaching the gun support (Fig. 3)

- (1) Press the protrusion on the gun support into the long hole on the washer at an angle shown in the illustration.
- (2) Firmly screw the screw supplied into the screw hole with a Phillips screwdriver.

8. Attaching the hose handle (Fig. 4)

- Insert the hose handle into the attachment hole on the washer.
- (2) Press down while rotating it until it reaches a position approximately 15 mm deep.
- (3) Continue to press down and rotate it until it clicks into place at approximately 15 mm deep.

INSPECTIONS PRIOR TO USE

WARNING

Check the following before using the washer. Check the items listed in 1 and 2 before plugging into the power socket.

Check to make sure the switch is at the "OFF" position (Fig. 5)

Plugging the washer into the power socket with the switch set at "ON" will cause the washer to immediately begin operating, which may result in unexpected injuries.

2. Check the power supply

Only use a rated voltage.

Do not use motor engines are direct current. Failure to observe this will not only result in damage to the washer, it is also very dangerous.

3. Check the power socket

If the power socket is loose or the plug is easily dislodged, it needs to be repaired.

It is dangerous to use it in this condition. Consult with your local electrical engineering outlet.

ATTACHING PARTS

Make sure all parts are correctly attached in the following sequence in order to guarantee safe usage.

WARNING

Switch off the washer and disconnect it from the power socket without fail to prevent unexpected accidents.

1. Attach the water feed connector to the water feed inlet on the washer (Fig. 6)

Remove the cap on the washer's water feed inlet and firmly attach the water feed connector.

Loose connections may result in water leaks.

Pull the high-pressure hose from the hose reel (Fig. 7)

Pull the entire length of the high-pressure hose from the reel while steadying the reel to prevent it from toppling over.

NOTE

Using the washer with part of the hose wrapped around the reel may result in insufficient pressure or abnormal vibrations.

Attach the high-pressure hose to the trigger gun. (Fig. 8)

Grip the thick end of the high-pressure hose, insert it into the connector on the trigger gun, and then rotate the ring on the hose to fix it in place.

NOTE

- Moisten the O-ring with water to facilitate the connection if it is difficult to insert the hose.
- If the ring cannot be tightened, it means that the end of the high-pressure hose has not been sufficient inserted.

4. Attach the nozzle to the trigger gun.

<Attachment (Fig. 9)>

(1) Align the protrusion on the nozzle with the entry hole on the trigger gun and press it into place.

NOTE

- Remove all dirt, mud and other matter from the trigger gun's entry hole and the protrusion on the nozzle.
- Moisten the O-ring with water to facilitate the connection if it is difficult to insert the nozzle.
- (2) Press down firmly on the nozzle and then rotate it in the direction of the arrow until it stops (half rotation.)
- (3) Check to make sure that the nozzle cannot be pulled out once it has been attached.

<Detachment (Fig. 10)>

Press down firmly on the nozzle and then rotate it counterclockwise until it stops. The nozzle can be withdrawn at that position.

USING DIFFERENT NOZZLES

Variable nozzle (with pressure adjustor) (Fig. 11)

The variable nozzle (with pressure adjustor) can be used to alternation between "Jet" and "Spray" and between "High Pressure" and "Low Pressure".

Rotate the end on the nozzle clockwise for "Jet", and counter-clockwise for "Spray".

Also, rotate the pressure adjuster clockwise for "Low Pressure", and counter-clockwise for "High Pressure".

Jet washer

A water jet is discharged in a direct line to remove stubborn mud and other dirt from agricultural machinery, etc.

Sprav washer

The water is discharged in a wide fan for cleaning walls, motorbikes and automobiles, etc.

The entire nozzle can be rotated by approximately 90 degrees to change the shape of the spray between horizontal and vertical.

NOTE

- The pressure adjuster will also be rotated when alternating between "Jet" and "Spray", so readjust this to the required setting after making the adjustment.
- Set the spray adjustment to "Jet" first of all, and then gradually move it to the "Spray" position while pulling the trigger.
 - Note that there is a chance of the water being sprayed horizontally over a wide area if this is rotated fully to the "Spray" position.
- Note that the nozzle may be damaged if it is forced to move past the stop position when alternating between "Jet" and "Spray".

Turbo nozzle

The turbo nozzle rotates as it sprays high-pressure jets of water for efficient washing.

NOTE

The turbo nozzle only discharges powerful jets of water when set at the "Jet" mode.

Avoid using this on items that are easily broken or for which coatings are easily peeled.

USING THE DETERGENT BOTTLE (Fig. 12)

Sprays water mixed with detergent.

Uses neutral detergents available on the open market.

WARNING

Do not use acidic or alkali detergents. Use only neutral detergents available on the open market.

Using detergents other than neutral detergents or chemical agents may result in accidents or malfunctions.

NOTE

Check to make sure that the water feed pipe is firmly connected to the washer.

- The detergent will not be mixed with the spray otherwise.

 ① Remove the cap from the detergent bottle and pour the detergent into it.
- ② Make sure the filter on the tip of the detergent bottle's water feed pipe is inserted into the liquid and then tighten the cap firmly.

NOTE

Only the "Low Pressure" setting can be used for variable nozzles (with pressure adjustors) when using the detergent bottle.

The detergent will not be sprayed if the "High Pressure" setting on variable nozzles (with pressure adjustors) or turbo nozzles are used.

- ③ Set the adjustor to "Low Pressure" when using variable nozzles (with pressure adjustors.)
- Water containing the detergent will be sprayed at low pressure when the trigger on the trigger gun is pulled.

Cleaning the detergent bottle (Figs. 13 and 14)

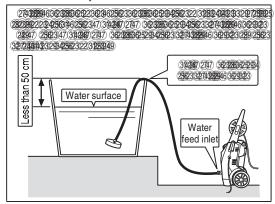
- Remove the detergent bottle's water feed pipe from the washer
- Push the detergent bottle from the bottom and withdraw it from the top.
- ③ Wash the detergent bottle, water feed pipe and filter with water from the faucet.
- When reattaching the bottle, hold it as shown in Fig. 14, and then push the protrusion on the bottom in as far as it will go.
- (5) Insert the water feed pipe into the washer and tighten the cap while making sure dust or dirt does not enter.

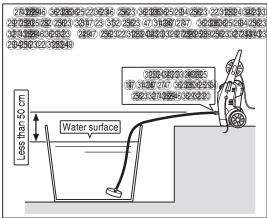
USING THE STRAINER HOSE SET (sold separately)

The separately-sold strainer hose set is equipped with a function that will automatically suck water from a water tank, etc., when attached to the AW150.

The maximum height of suction (lifting range) is approximately 0.5 m.

Attach this correctly in accordance with conditions.





1. Attaching the strainer to the suction hose (Fig. 15)

- (1) Pass the suction hose through the hose band supplied and then gently moisten the inside of the suction hose with water.
- (2) Insert the strainer as far as it will go, and then firmly tighten the hose band with a flat-headed screwdriver.
- Attaching the one-touch joint (black) to the suction hose (Fig. 16)

Attach the one-touch joint (black) supplied as a standard accessory to the suction hose.

Starting the suction hose water suction process (Fig. 17)

Sink the strainer hose set into a container filled with

Start off the suction process (introduce water to the suction hose.)

NOTE

- Do not use anything other than clean water (river or pond water, muddy water containing sand granules.) Failure to observe this may result in malfunctions.
- Set the switch at "ON" without the nozzle attached. Failure to observe this may result in dry operations, leading to malfunctions.
- 4. Insert the one-touch joint into the water feed connector (Fig. 18)

Withdraw the one-touch joint from the accumulated water and insert it into the water feed connector on the washer while making sure that the water inside the hose does not escape.

Check to make sure the water is flowing out (Fig. 19)

- (1) Connect the trigger gun from which the nozzle has been removed to the high-pressure hose.
- (2) Plug in the power socket and set the switch to "ON".
- (3) Pull the trigger gun's trigger, and then set the switch to "OFF" after checking that sufficient water is flowing out.

6. Attach the nozzle.

NOTE

Set the switch at "OFF" if water does not flow out within two minutes.

Failure to observe this may result in malfunctions (dry operations.)

Washing

Set the switch at "ON" and pull the trigger gun's trigger to commence washing.

Cleaning

Remove all dirt from the strainer's grill, wash it with water and store it after it has dried.

WASHING

WARNING

O Do not switch the washer on while the trigger is being pulled.

Failure to observe this may result in high-pressure water being sprayed immediately, leading to unexpected

Do not point the nozzle at people or animals.

Failure to observe this may result in injury.

CAUTION

Set the switch to "OFF" immediately if the hose becomes detached from the faucet or washer, and if water is no longer being fed to the washer.

Failure to observe this may result in immediate malfunctions (dry operations.)

O Set the switch to "OFF" without fail when temporarily suspending operations.

Failure to observe this may result in the motor

automatically starting up.

O Place your finger in the center of the trigger during operations (Fig. 20)

Failure to observe this may result in injury from pinched fingers.

Grip the gun and nozzle firmly with both hands.

The trigger gun may kick back when water is discharged.

NOTE

- Do not use the water hose when it is wound onto the reel. Failure to observe this may result in insufficient water feed.
- Commence initial washing approximately 2 to 3 meters away from the targeted item, and then move gradually closer while checking the level of cleaning until you reach a distance in which soiling is effectively washed away.

The pressure of the spray from the washer is approximately 20-times greater than tap water. Highpressure water jets may therefore damage or peel the coating from the items being washed.

- There are cases when the water spray will appear unstable owing to the fact that air that has built up in the pump and hose is purged together with the water immediately after use. In this event, allow the water to flow out until it stabilizes.
- Leave two or more seconds gap between pulling and releasing the trigger.

Failure to observe this may result in the pressure switch malfunctions.

Do not use the washer for more than thirty consecutive minutes without giving it a break.

Open the faucet to its fullest.

Point the nozzle in a safe direction and then fully open the faucet. Check to make sure no water is leaking from the

Release the trigger stopper with the washer switched off, pull the trigger on the trigger gun to discharge a small amount of water from the nozzle with just the pressure from the tap water. Check to make sure that no water is leaking.

Do not switch the washer on with the faucet turned off. Failure to observe this may result in malfunctions.

Set the switch to the "ON" position (Fig. 21)

The motor will start operating when the washer is switched on. The motor will automatically switch off once sufficient water pressure has built up inside the washer.

Pull the trigger (Fig. 22)

Hold the trigger gun firmly in both hands, point the nozzle at the item to be washed, and then pull the trigger.

The high-pressure water jet will spray out.

Adjust the nozzle between "Jet" and "Spray" in accordance with need.

Trigger stopper (Fig. 23)

The trigger gun is fitted with a trigger stopper to prevent the trigger from being pulled.

The trigger is locked and released by pressing the stopper in the direction shown by the arrows.

Lock the trigger with the trigger stopper during pauses and after washing has been completed.

ON COMPLETION OF USE

Once the targeted item has been washed, drain the residual water from the washer and store it in a well-ventilated location to dry.

There are cases in which water left in the hose may freeze during the winter, so drain as much water as possible and store it indoors.

WARNING

Make sure all residual water is drained from the washer, the trigger gun and the hose, etc., after use.

Failure to observe this may result in freezing, leading to malfunctions.

Draining water from the washer

- (1) Stop the water supply.(2) Set the switch to "ON" and pull the trigger on the trigger gun to drain the water from the inside of the washer. Continue this until water is no longer discharged (approximately 30 to 60 seconds.)
- (3) Press the trigger stopper on the trigger gun to lock it in place.

Set the switch to "OFF".

- (1) Switch off the washer.
- (2) Unplug the power cord from the mains socket.

NOTE

Leaving the washer switched on may result in dry operations, leading to malfunctions.

Detach the trigger gun.

Follow the reverse procedure explained in "Attach the high-pressure hose to the trigger gun" to detach the trigger gun.

Rewind the high-pressure hose (Fig. 24)

Place the end of the high-pressure hose at a position lower than the reel and then rewind it while draining out all residual water.

5. Drain the water from the washer (Fig. 25)

- (1) Tilt the washer to drain out the residual water.
- (2) Wipe away all moisture with a dry cloth.

CAUTION

Water left in the washer may freeze in the winter, which could result in damage to the pump.

SAFETY MECHANISMS

The washer is equipped with the following safety mechanisms to ensure safe usage.

Power switch

This prevents the washer from being unintentionally operated.

Trigger gun equipped with a lock

This prevents the trigger from being pulled, unintentionally operating the washer.

Pressure switch

This prevents the pressure inside the washer from exceeding permissible levels. Releasing the lever on the trigger gun causes the valve operated by water pressure to halt pump operations, which allows the pressure to be released through the water feed. The pump is started again when the lever is pulled.

Thermal protector

This protects the motor by halting operations when abnormal heat is detected in the motor. It will start operating again when the motor cools down.

MAINTENANCE AND INSPECTION

WARNING

Switch off the washer and disconnect the plug from the power socket without fail when inspecting and cleaning it.

Inspecting the washer and hoses (Fig. 26)

Check to make sure that there is no damage, cracks or malformations.

Make sure you clean the hole on the nozzle with the nozzle cleaner pin supplied on a regular basis.

NOTE

Detach the trigger gun and clean the nozzle hole.

2. Inspecting the strainer (Fig. 27)

Wash all blockages out of the grid with water on a regular basis.

NOTE

Withdraw the strainer from the water feed inlet with the use of flat radio pliers.

Clean the washer

Squeeze the excess moisture from a cloth soaked in soap and water and wipe the washer.

Do not use gasoline, thinner, benzene, kerosene, etc. Failure to observer this may result in malformations.

4. Check for loose screws.

Check for loose screws on a regular basis and tighten any screws that are loose. Failure to observe this could be dangerous.

Tidying up and storing the washer after use (Fig. 28)

The accessories can be stored inside the washer as shown in Fig. 28 when not in use and when being carried

Avoid the following environments and store the washer and accessories in a safe, dry location when not in use.

- Do not store within the reach of children, or in locations where children can use it.
- Do not store in location where rain can reach it, such as in front of the house, or in locations with high humidity.
- Do not store in locations that are subject to drastic changes in temperature or direct sunlight.
- 0 Do not store in locations containing volatile substances that may ignite or explode.

Replacing supply cord

If the replacement of the supply cord is necessary, it has to be done by a Hitachi Authorized Service Center to avoid a safety hazard.

Service parts list

CAUTION

Repair, modification and inspection of Hitachi Power Tools must be carried out by a Hitachi Authorized Service Center.

This Parts List will be helpful if presented with the tool to the Hitachi Authorized Service Center when requesting repair or other maintenance.

In the operation and maintenance of power tools, the safety regulations and standards prescribed in each country must be observed.

MODIFICATIONS

Hitachi Power Tools are constantly being improved and modified to incorporate the latest technological advancements.

Accordingly, some parts may be changed without prior

TROUBLESHOOTING

Use the inspections in the table below if the tool does not operate normally. If this does not remedy the problem, consult your dealer or the Hitachi Authorized Service Center.

Symptom	Possible cause	Remedy
The motor won't operate when the trigger is pulled.	The power plug is not plugged into the power socket.	Plug the power cord into the power socket.
	The switch is set at "OFF"	Switch the washer on.
	The extension cord is unplugged or severed midway.	Replace the extension cord or check it with a different electrical appliance.
	The thermal protector has been activated.	Remedy the problem in accordance with the details listed in "Safety Mechanisms" on page 21.
The motor continues operating when the trigger is released.	The water volume or pressure from the faucet is too low.	 Open the faucet fully. Unravel any twists in the water hose and high-pressure hose. Check to make sure that the inner diameter of the water hose is correct. Check to make sure that the water hose is not wound onto the reel.
	Water is leaking.	Check the hose connections.
Water is not being	The water hose is not connected.	Connect the water hose.
discharged.	The water hose or high-pressure hose is twisted.	Unravel the twists.
	The backflow valve on the one-touch joint is not operating.	Check to make sure that the inner diameter of the water hose is correct.
	The trigger stopper is locked.	Remedy the problem in accordance with the details listed in "Trigger Stopper" on page 20.
	The faucet it turned off.	Open the faucet fully.
	The nozzle is blocked.	Clean the end of the nozzle with the nozzle cleaner pin supplied.
	The strainer is blocked.	Wash the strainer, which is incorporated into the water feed inlet, in accordance with the details listed in "Inspecting the Strainer" on page 21.
The water pressure won't rise.	The power plug is not plugged into the power socket.	Plug the power cord into the power socket.
	The switch is set at "OFF".	Switch the washer on.
	The water volume or pressure from the faucet is too low.	 Open the faucet fully. Unravel any twists in the water hose and high-pressure hose. Check to make sure that the inner diameter of the water hose is correct. Check to make sure that the water hose is not wound onto the reel.
	The nozzle is blocked.	Clean the end of the nozzle with the nozzle cleaner pin supplied.
	The electrical voltage is too low.	Check to make sure that the thickness and length of the extension cord is appropriate.
	Water is leaking.	Check the hose connections.

GUARANTEE

We guarantee Hitachi Power Tools in accordance with statutory/country specific regulation. This guarantee does not cover defects or damage due to misuse, abuse, or normal wear and tear. In case of complaint, please send the Power Tool, undismantled, with the GUARANTEE CERTIFICATE found at the end of this Handling instruction, to a Hitachi Authorized Service Center.

NOTE

Due to HITACHI's continuing program of research and development, the specifications herein are subject to change without prior notice.

Information concerning airborne noise and vibration The measured values were determined according to EN60335 and declared in accordance with ISO 4871.

Measured A-weighted sound power level: 92 dB (A) Measured A-weighted sound pressure level: 81 dB (A) Uncertainty KpA: 3 dB (A).

Wear hearing protection.

Vibration total values (triax vector sum) determined according to EN60335.

Vibration emission value $\mathbf{a_h} = 3.3 \text{ m/s}^2$ Uncertainty K = 1.5 m/s²

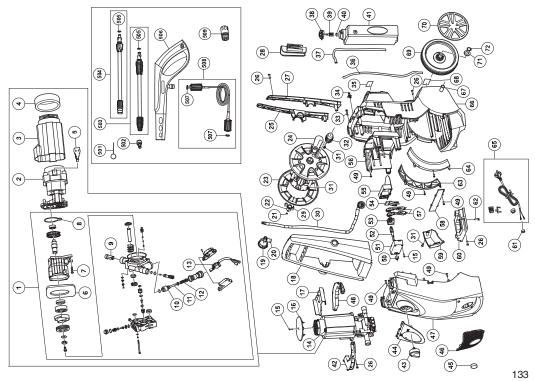
The declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another.

It may also be used in a preliminary assessment of exposure. **WARNING**

- The vibration emission during actual use of the power tool can differ from the declared total value depending on the ways in which the tool is used.
- O Identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

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English	Polski
 GUARANTEE CERTIFICATE 1 Model No. 2 Serial No. 3 Date of Purchase 4 Customer Name and Address 5 Dealer Name and Address (Please stamp dealer name and address) 	GWARANCJA 1 Model 2 Numer seryjny 3 Data zakupu 4 Nazwa klienta i adres 5 Nazwa dealera i adres (Pieczęć punktu sprzedaży)
Deutsch	Magyar
GARANTIESCHEIN 1 Modell-Nr. 2 Serien-Nr. 3 Kaufdaturn 4 Name und Anschrift des Kunden 5 Name und Anschrift des Händlers (Bitte mit Namen und Anschrift des Handlers abstempeln)	GARANCIA BIZONYLAT ① Típusszám ② Sorozatszám ③ A vásárlás dátuma ④ A Vásárló neve és címe ⑤ A Kereskedő neve és címe (Kérjük ide elhelyezni a Kereskedő nevének és címének pecsétjét)
Français	Türkçe
CERTIFICAT DE GARANTIE 1 No. de modèle 2 No de série 3 Date d'achat 4 Nom et adresse du client 5 Nom et adresse du revendeur (Cachet portant le nom et l'adresse du revendeur)	GARANTİ SERTİFİKASI 1 Model No. 2 Seri No. 3 Satın Alma Tarihi 4 Müşteri Adı ve Adresi 5 Bayi Adı ve Adresi (Lütfen bayi adını ve adresini kaşe olarak basın)
Italiano	Український
CERTIFICATO DI GARANZIA 1 Modello 2 N° di serie 3 Data di acquisto 4 Nome e indirizzo dell'acquirente 5 Nome e indirizzo del rivenditore (Si prega di apporre il timbro con questi dati)	ГАРАНТІЙНИЙ СЕРТИФІКАТ 1 № моделі 2 № серії 3 Дата придбання 4 Ім'я і адреса клієнта 5 Ім'я і адреса дилера (Будь ласка, поставте печатку з іменем і адресою дилера)
Español	Русский
CERTIFICADO DE GARANTÍA 1 Número de modelo 2 Número de serie 3 Fecha de adquisición 4 Nombre y dirección del cliente 5 Nombre y dirección del distribudor (Se ruega poner el sello del distribudor con su nombre y dirección)	ГАРАНТИЙНЫЙ СЕРТИФИКАТ ① Модель № ② Серийный № ③ Дата покупки ④ Название и адрес заказчика ⑤ Название и адрес дилера (Пожалуйста, внесите название и адрес дилера)
Português CERTIFICADO DE GARANTIA Número do modelo Número do série Data de compra Nome e morada do cliente Nome e morada do distribuidor (Por favor, carímbe o nome e morada do distribuidor)	

Object of declara EC DECLARATION OF CONFORMITY

We declare under our sole responsibility that this product is in conformity with standards or standardization documents EN60335-1, EN60335-2-79, EN55014-1, EN55014-2, EN61000-3-2 and EN61000-3-3 in accordance with Directives 2004/108/EC and 2006/42/EC. This product also conforms to RoHS Directive 2011/65/EU.

The European Standards Manager at Hitachi Koki Europe Ltd. is authorized to compile

the technical file.

This declaration is applicable to the product affixed CE marking.

Deutsch

Gegenstand der Erklärung: Hitachi Hochdruckreiniger AW150 EG-KONFORMITÄTSERKLÄRUNG

Wirerklären mit alleiniger Verantwortung, dass dieses Produkt den Standards oder Standardsierungsdokumenten EN60335-1, EN60335-2-79, EN55014-1, EN55014-2, EN61000-3-2 und EN61000-3-3 in Übereinstimmung mit den Direktiven 2004/108/EG und 2006/42/ EG entspricht. Dieses Produkt stimmt auch mit der PoHS- Richtlinie 2011/65/EU überein. Der Manager für europäische Standards bei der Hitachi Koki Europe Ltd. ist zum Verlassen der technischen

Datei befugt.

Diese Erklärung gilt für Produkte, die die CE-Markierung tragen.

Français

Objet de la déclaration: Hitachi Nettoyeur haute pression AW150 DECLARATION DE CONFORMITE CE

Nous déclarons sous notre seule et entière responsabilité que ce produit est conforme aux normes ou documents de normalisation EN60335-1, EN60335-2-79, EN55014-1, EN55014-2, EN61000-3-2 et EN61000-3-3 en accord avec les Directives 2004/108/CE et 2006/42/ CE. Ceproduit est aussi conforme à la Directive ROHS 2011/65/EU. Le responsable des normes européennes d'Hitachi Koki Europe Ltd. est autorisé à compiler

les données techniques

Cette déclaration s'applique aux produits désignés CE.

Italiano

Oggetto della dichiarazione: Hitachi Idropulitrice ad alta pressione AW DICHIARAZIONE DI CONFORMITÀ CE

Dichiariamo sotto nostra responsabilità che questo prodotto è conforme agli standard o ai documenti sulla standardizzazione EN60335-1, EN60335-2-79, EN55014-1, EN55014-2, EN61000-3-2 e EN61000-3-3 in conformità alle Direttive 2004/108/CE e 2006/42/CE. Il prodotto è inoltre conforme alla direttiva ROHS 2011/65/EU.

Il Responsabile delle Norme Europee di Hitachi Koki Ltd. è autorizzato a compilare la

scheda tecnica.

Questa dichiarazione è applicabile ai prodotti cui sono applicati i marchi CE.

DECLARACIÓN DE CONFORMIDAD DE LA CE

Declaramos bajo nuestra única responsabilidad que este producto está de acuerdo con las normas o con los documentos de normalización EN60335-1, EN60335-2-79, EN55014-1, EN55014-2, EN61000-3-2 y EN61000-3-3, según indican las Directrices 2004/108/CE y 2006/42/CE. Este producto satisface también los requisitos establecidos por la Directiva 2011/65/EU (RoHS).

El Jefe de Normas Europeas de Hitachi Koki Europe Ltd. está autorizado para recopilar archivos técnicos.

Esta declaración se aplica a los productos con marcas de la CE

Português

uração: Hitachi Anilha de alta pressão AW150 DECLARAÇÃO DE CONFORMIDADE CE

Declaramos, sob nossa única e inteira responsabilidade, que este produto está de acordo com as normas ou documentos normativos EN60335-1, EN60335-2-79, EN55014-1, EN55014-2, EN61000-3-2 e EN61000-3-3, em conformidade com as Directiraes 2004/108/CE e 2006/42/ CE. Este produto está também em conformidade com a Directiva RoHS 2011/65/EU O Gestor de Normas Europeias da Hitachi Koki Europe Ltd. está autorizado a compilar efisibativa tidos de compilar efisibativa tidos de compilar está autorizado a compilar efisibativa tidos de compilar está entre compilar está entre compilar está entre conformado entre compilar está entre c

Esta declaração se aplica aos produtos designados CE

Polski

Przedmiot deklaracji: Hitachi Myjka wysokociśnieniowa AW150 DEKLARACJA ZGODNOŚCI Z EC

Oznajmiamy z całkowitą odpowiedzialnością, że produkt ten jest zgodny ze standardami lub standardowymi dokumentami EN60335-1, EN60335-2-79, EN55014-1, EN55014-2, EN6100-3-2 i EN61000-3-3 w zgodzie z Zasadami 2004/108/EC i 2006/42/EC. Ten produkt spełnia także wymagania Dyrektywy BOHS 2011/65/EU.
Menedżer Standardów Europejskich w firmie Hitachi Koki Europ Ltd. Jest upoważniony

do kompilowania pliku technicznego

To oświadczenie odnosi się do załączonego produktu z oznaczeniami CE

Magyar

Megfelelőségi nyilatkozat: Hitachi Magasnyomású mosó AW150 EK MEGFELELŐSÉGI NYILATKOZAT

Teljes felelősségűnk tudatában kijelentjük, hogy ez a termék megfelel az EN60335-1, EN60335-2-79, EN55014-1, EN55014-2, EN61000-3-2, és EN61000-3-3 szabványoknak illetve szabványosítási dokumentumoknak, az Európa Tanács 2004/108/EK és 2006/42/EK Direktívávial összbangban. Ez a termék is megfelel a 2011/65/EU ROHS irányeben. Az Hitachi Koki Europe Ltd. Európai Szabványkezelője fel van hatalmazva a műszakí fájlelkészhésére. Jelen nyilatkozat a terméken feltüntetett CE jelzésre vonatkozik.

Türkçe

Beyan konusu: Hitachi Basinçli yikama makinesi AW150
AB UYGUNLUK BEYANI
Bu ürünün, 2004/108/EC ve 2006/42/EC sayılı Direktiflerine uygun olarak, EN60335-1,
EN60335-2-79, EN55014-1, EN55014-2, EN61000-3-2 ve EN61000-3-3 sayılı stand artlara
ve standardizasyon belgelerine uygun oldularını, tamamen kendi sorumlulularınız altında
beyan ederiz. Bu ürün, ayrıca RoHS Yönergesi 2011/65/EU'ya uygundur.
Hitachi Koki Europe Lid. Avrupa Standartlar Müdürü, teknik dosyayı hazırlama yetkisine sahiptir.

Bu beyan, üzerinde CE işareti bulunan ürünler için geçerlidir.

Українська

вання: Hitachi Мийка високого тиску AW150 ДЕКЛАРАЦІЯ ВІДПОВІДНОСТІ ЕС

Мидекларуємо, щоцей вирібеідповідаєстандартам абостандартизаційним документам EN60335-1, EN60335-2-79, EN55014-1, EN55014-2, EN61000-3-2 і EN61000-3-3 згідно Директив 2004/108/EC і 2006/42/EC. Цей вирібтакожвідповідає Директивіпровміст

небезпечних речовин 2011/65/EU. Менеджер Євростандартів з Hitachi Koki Europe Ltd. вповноважений заповнити таблицю технічних характеристик.

Ця декларація дійсна щ одо вироба, маркованого СЕ.

Предмет декларирования: Hitachi Мойка высокого давления AW ДЕКЛАРАЦИЯ СООТВЕТСТВИЯ ЕС

Мы с полной ответственностью заявляем, что данное изделие соответствует стандартамилидокументам стандартизации EN60335-1, EN60335-2-79, EN55014-1, EN55014-2, EN61000-3-2 и EN61000-3-3 согласно Директивам 2004/108/ECи 20064/2EC. Данный продукт соответствует требованиям Директивы 2011/65/EU по ограничению на использование опасных веществ.

Менеджер отдела европейских стандартов качества компании Hitachi Koki Europe Ltd. имеет право составлять технический файл.

Данная декларация относится к изделиям, на которых имеется маркировка СЕ.

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