

## Ikra IBKH 52

# IKRA IBKH 52 5-in-1 Thermal Multifunction Tool User Manual

Model: IBKH 52 (73046730)

## 1. IMPORTANT SAFETY INFORMATION

This section outlines critical safety precautions for operating the IKRA IBKH 52 multifunction tool. Adhering to these guidelines is essential to prevent injury and ensure safe operation.

- **Outdoor Use Only:** Operate this device exclusively outdoors.
- **Personal Protective Equipment (PPE):** Always wear appropriate safety gear, including sturdy footwear, safety glasses, and hearing protection.
- **Maintain Safe Distance:** Ensure no unauthorized personnel are in the vicinity during operation.
- **Pre-Operation Check:** Verify that the gear lever is in the correct working position (position 2) before engaging the accelerator.
- **Risk of Injury:** Be aware that improper handling can cause injuries from rebounding or flying objects (e.g., stones, branches) or from the cutting tool itself.
- **Never Leave Unattended:** Do not leave the device running unsupervised. Always switch it off when not in use.
- **Fuel Handling Safety:** Never use gasoline or oil near open flames or other ignition sources.
- **Storage:** Store the device in a safe, dry, and well-ventilated area.

## 2. PRODUCT OVERVIEW

The IKRA IBKH 52 is a versatile 5-in-1 thermal multifunction tool designed for various garden maintenance tasks. It combines five essential tools into one powerful unit, saving space and offering convenience.

# 5in1 5en1

## Freischneider & Rasentrimmer

brushcutter & lawn trimmers  
débroussailleuse & coupe-bordure  
decespugliatore & tagliabordi  
desbrozadora & cortabordes

## Laubbläser

leaf blower  
souffleur de feuilles  
soffiafoglie  
soplador

## Entaster

pruner  
élagueuse  
potatore  
podadora de altura

## Heckenschere

hedge trimmer  
taille-haie  
tagliasiepi  
tijeras cortasetos

## Schultergurt

shoulder strap / harnais  
tracolla / cinta de hombro

Figure 2.1: Overview of the IKRA IBKH 52 multifunction tool with its five attachments.

This tool features a powerful 51.7 cm<sup>3</sup> 2-stroke engine with 1.3 kW output, equipped with an Easy Start system for reliable and quick starting. The fuel tank capacity is 900 ml. Key components include a double-bearing crankshaft for quieter operation and reduced wear, a chrome-plated cylinder, and a rigid chrome-plated steel drive shaft for increased durability. The air filter is tool-free replaceable. A double shoulder strap is included for ergonomic weight distribution. The aluminum shaft can be disassembled for compact storage using a quick-release fastener.

### Included Attachments:

- **String Trimmer:** For precise lawn edge cutting.



Figure 2.2: The IKRA IBKH 52 configured as a string trimmer.

- **Brush Cutter:** Equipped with a 3-tooth blade for clearing dense undergrowth and weeds.



Figure 2.3: The IKRA IBKH 52 configured as a brush cutter.

- **Hedge Trimmer:** Telescopic attachment for shaping high hedges.



Figure 2.4: The IKRA IBKH 52 configured as a hedge trimmer.

- **Pruner (Pole Saw):** For pruning fruit and deciduous trees, featuring an OREGON chain.



Figure 2.5: The IKRA IBKH 52 configured as a pruner (pole saw).

- **Leaf Blower:** For clearing autumn leaves.



Figure 2.6: The IKRA IBKH 52 configured as a leaf blower.

### 3. SETUP AND ASSEMBLY

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Before operating the IKRA IBKH 52, proper assembly and fuel preparation are required.

#### 3.1 Fuel Mixture Preparation

The engine requires a specific fuel mixture. Use regular unleaded gasoline mixed with special 2-stroke engine oil at a ratio of **40:1**. This means for every liter of gasoline, add 25 ml of 2-stroke engine oil.

- Always mix fuel in a separate, approved container.
- Shake the mixture thoroughly before filling the tank.
- Avoid spilling fuel. Clean any spills immediately.





Figure 3.1: Engine detail showing the fuel cap and Easy Start mechanism.

### 3.2 Attaching Accessories

The aluminum shaft is designed for easy attachment and detachment of the various tool heads.

1. Ensure the engine is off and cooled down before changing attachments.
2. Align the desired attachment (e.g., string trimmer, hedge trimmer) with the main shaft.
3. Secure the attachment using the quick-release fastener. Ensure it is firmly locked in place to prevent accidental detachment during operation.
4. For extended reach, attach the 76 cm extension shaft between the engine unit and the tool attachment.





Figure 3.2: Quick-release mechanism for attaching and detaching tool heads.

### 3.3 Attaching the Shoulder Strap

The double shoulder strap helps distribute the tool's weight evenly, reducing fatigue during prolonged use.

- Wear the shoulder strap as shown in the diagram, ensuring it is comfortable and secure.
- Attach the tool to the strap's hook, adjusting the strap length so the tool is balanced and easy to maneuver.



Figure 3.3: The double shoulder strap for ergonomic weight distribution.

## 4. OPERATING INSTRUCTIONS

This section provides guidance on how to operate each of the five functions of the IKRA IBKH 52 multifunction tool. Always ensure you have read and understood the safety information before starting.

### 4.1 Starting the Engine (Easy Start System)

1. Ensure the fuel tank is filled with the correct 40:1 fuel mixture.
2. Prime the engine using the primer bulb until fuel is visible.
3. Set the choke to the "Start" position.
4. Pull the starter cord firmly and smoothly until the engine attempts to start.
5. Once the engine fires, move the choke to the "Run" position.
6. Pull the starter cord again until the engine starts and runs smoothly.
7. Allow the engine to warm up for a few moments before engaging the throttle.

## 4.2 String Trimmer Operation

The string trimmer attachment is ideal for cutting lawn edges and non-woody plants.

- **Cutting Width:** Up to 45 cm.
- **Line Feed:** Features a semi-automatic tap-and-go system for line extension.
- **Anti-Winding Head:** The innovative cutting head prevents grass from tangling.
- Hold the trimmer at a slight angle, moving it in a sweeping motion to cut grass.



Figure 4.1: Operating the string trimmer attachment for lawn maintenance.



Figure 4.2: Detail of the string trimmer head with cutting line.

### 4.3 Brush Cutter Operation

Use the 3-tooth blade for clearing woody weeds, thickets, small branches, and tall grass.

- **Cutting Diameter:** 255 mm.
- Can cut plant stems and branches up to approximately 20 mm in diameter.
- Maintain a firm grip and use a controlled sweeping motion.





Figure 4.3: Clearing dense vegetation with the brush cutter attachment.



Figure 4.4: Detail of the brush cutter head with its 3-tooth blade.

## 4.4 Hedge Trimmer Operation

The telescopic hedge trimmer allows you to shape hedges up to four meters high.

- **Blade Length:** 40 cm.
- **Cutting Capacity:** 24 mm branch thickness.
- **Angle Adjustment:** 12 angle settings up to 170 degrees for flexible cutting.
- Adjust the cutting angle to suit the hedge shape and height.
- Use smooth, controlled movements to achieve an even cut.





Figure 4.5: Trimming high hedges with the telescopic hedge trimmer.



Figure 4.6: Detail of the hedge trimmer head with adjustable angle.

## 4.5 Pruner (Pole Saw) Operation

The pruner attachment is used for cutting branches on trees. It features an OREGON chain for high cutting performance.

- **Bar Length:** 240 mm.
- **Angle Adjustment:** 7 angle settings up to 90 degrees for flexible pruning.
- **Automatic Chain Lubrication:** The oil tank (150 ml capacity) provides automatic chain lubrication. Check the oil level indicator regularly.
- Ensure the chain is properly tensioned and lubricated before use.
- Make cuts carefully, supporting the branch to prevent tearing.



Figure 4.7: The pruner attachment in action, cutting a tree branch.



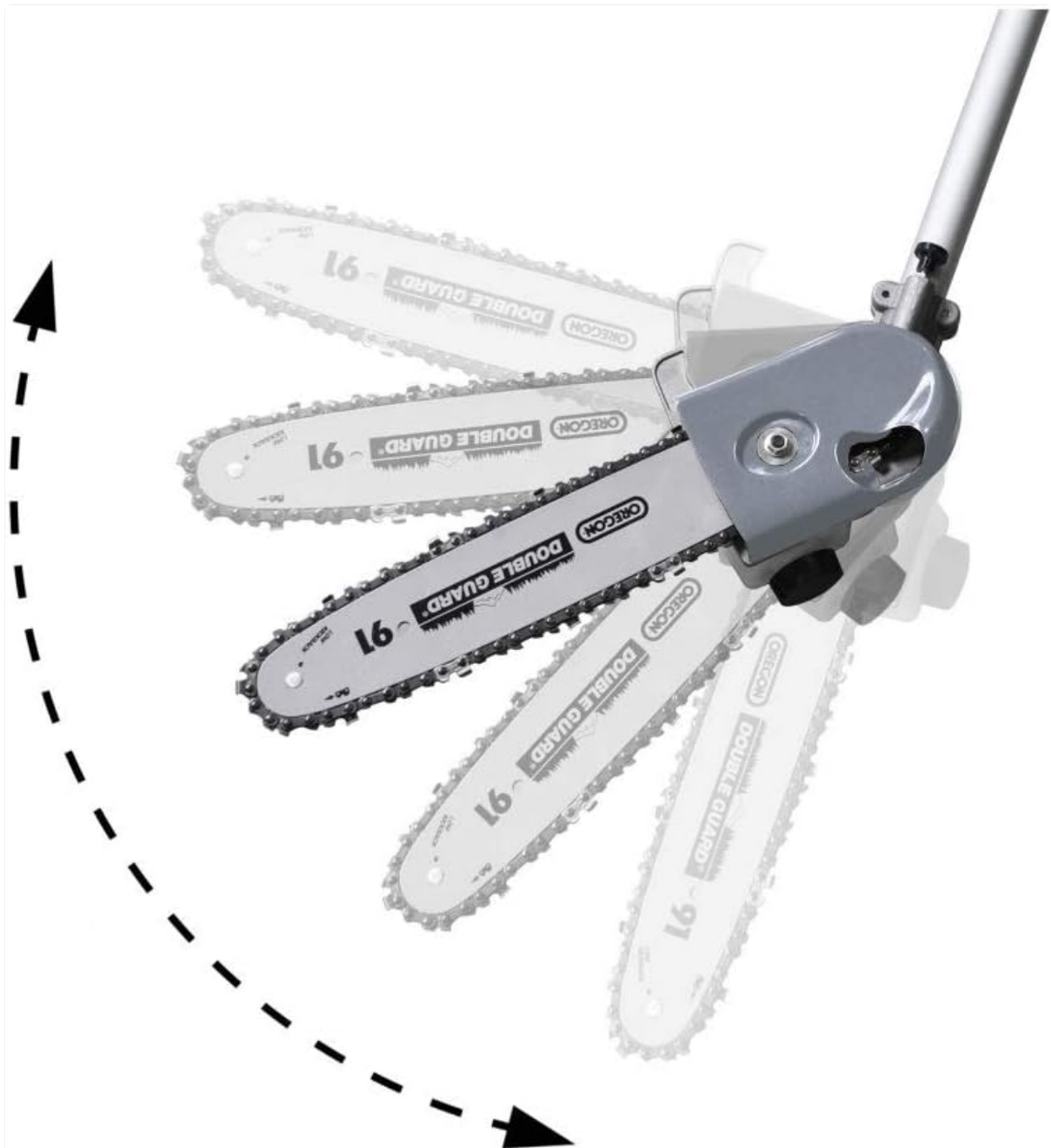


Figure 4.8: Pruner head angle adjustment for versatile cutting.



Figure 4.9: Detail of the pruner head with OREGON chain.

## 4.6 Leaf Blower Operation

The leaf blower attachment is used for clearing leaves and debris from your garden or yard.

- **Air Speed:** Up to 270 km/h.
- **Air Volume:** Max. 4.13 m<sup>3</sup>/min.
- Direct the airflow to gather leaves into piles or blow them away from desired areas.



Figure 4.10: Using the leaf blower attachment for garden cleanup.



## 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your IKRA IBKH 52 multifunction tool. Always ensure the engine is off and cooled before performing any maintenance.

- **Air Filter:** The air filter can be replaced without additional tools. Check and clean or replace the air filter regularly to maintain engine performance.
- **Pruner Chain:** Regularly check the chain tension and ensure the automatic lubrication system is functioning correctly. Refill the chain oil tank as needed.
- **Blades and Lines:** Inspect all cutting blades (brush cutter, hedge trimmer) and trimmer lines for wear or damage. Replace as necessary. Keep blades sharp.
- **General Cleaning:** After each use, clean the tool and attachments to remove grass, dirt, and debris. This prevents buildup and corrosion.
- **Storage:** Store the disassembled tool in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter with your IKRA IBKH 52 tool.

Problem	Possible Cause	Solution
Engine does not start or is difficult to start.	Incorrect fuel mixture, empty fuel tank, clogged air filter, incorrect choke setting, fouled spark plug.	Check fuel level and mixture ratio (40:1). Clean or replace air filter. Ensure choke is set correctly for starting. Inspect and clean/replace spark plug.
Loss of power during operation.	Clogged air filter, improper fuel mixture, dull cutting attachment.	Clean or replace air filter. Verify fuel mixture. Sharpen or replace cutting blades/line.
Excessive vibration.	Damaged or unbalanced cutting attachment, loose components.	Inspect cutting attachments for damage and replace if necessary. Check all fasteners and tighten as needed.
Pruner chain not lubricating.	Empty oil tank, clogged oil port.	Refill chain oil tank. Clean oil port and guide bar groove.

If problems persist after attempting these solutions, please contact IKRA customer support.

## 7. TECHNICAL SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model	IBKH 52 (73046730)
Engine Type	2-stroke, Thermal
Displacement	51.7 cm³
Power Output	1.3 kW
Fuel Tank Capacity	900 ml
Fuel Mixture Ratio	40:1 (Gasoline:2-stroke oil)
Total Length (with extension)	2.88 m
Weight	17.94 kg
Noise Level	117 Decibels
<b>String Trimmer:</b> Cutting Width	45 cm
<b>Brush Cutter:</b> Blade Type	3-tooth blade
<b>Brush Cutter:</b> Cutting Diameter	25.5 cm
<b>Hedge Trimmer:</b> Blade Length	40 cm
<b>Hedge Trimmer:</b> Cutting Capacity	24 mm
<b>Hedge Trimmer:</b> Angle Adjustment	12 positions, up to 170°
<b>Pruner:</b> Bar Length	24 cm
<b>Pruner:</b> Chain Type	OREGON anti-vibration (91P040X)
<b>Pruner:</b> Oil Tank Capacity	150 ml (automatic lubrication)
<b>Pruner:</b> Angle Adjustment	7 positions, up to 90°
<b>Leaf Blower:</b> Air Speed	270 km/h
<b>Leaf Blower:</b> Air Volume	4.13 m³/min

## 8. WARRANTY AND SUPPORT

### 8.1 Manufacturer's Warranty

The IKRA IBKH 52 multifunction tool comes with a **2-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, neglect, unauthorized modifications, or normal wear and tear.

### 8.2 Customer Support

For technical assistance, spare parts, or warranty inquiries, please contact IKRA customer support. Refer to the contact information provided with your product packaging or visit the official IKRA website for the most up-to-date support details.

**Manufacturer:** IKRA GmbH

