

Spear & Jackson SJ1790

Spear & Jackson SJ1790 2-in-1 Trimming Knife and Scraper User Manual

1. INTRODUCTION AND OVERVIEW

Welcome to the Spear & Jackson SJ1790 2-in-1 Trimming Knife and Scraper. This versatile tool is designed for both cutting and scraping tasks, offering convenience and efficiency for various applications. Please read this manual thoroughly before use to ensure safe operation and optimal performance. The SJ1790 features a durable all-metal body with an anti-slip handle grip, designed for comfortable and secure handling.

The tool's unique design allows it to easily transform from a trimming knife to a scraper, making it a practical multi-functional addition to your toolkit. It also includes an integral spare blade holder for convenience.



Blade retracts for safe storage



Integral spare blade holder



Blade folds out of body



Blade shown as trimming knife



Blade shown as Scraper

Image 1.1: The Spear & Jackson SJ1790 in various configurations, demonstrating its versatility as a trimming knife and scraper, with the blade retracting for safe storage and folding out for use.

2. SETUP

2.1 Initial Inspection

Upon receiving your Spear & Jackson SJ1790, carefully inspect the tool for any signs of damage or manufacturing defects. Ensure all moving parts operate smoothly and that the blade is securely installed.

2.2 Blade Installation and Replacement

The SJ1790 features an integral spare blade holder located within the handle. To access the spare blades or replace the active blade:

1. Locate the blue tab on the handle and lift it to open the spare blade compartment.
2. Carefully remove a new blade from the compartment or retrieve a spare blade.
3. To replace the active blade, ensure the tool is in the knife configuration. Press the blade release button (typically a small button near the blade pivot) and slide the old blade out.
4. Insert the new blade into the slot, ensuring it clicks securely into place.

5. Close the spare blade compartment securely.

Always handle blades with extreme caution. Dispose of used blades safely in a suitable container.

Features and benefits

- 1 Durable all metal body
- 2 Anti-slip handle grip
- 3 Blade rotates 90° converting the knife to a scraper
- 4 Blade folds neatly into the body for safety
- 5 Integral spare blade holder containing 10 spare blades
- 6 Replacement blades available in packs of 10



Image 2.1: Features and benefits of the SJ1790, highlighting the integral spare blade holder and the mechanism for blade rotation.

3. OPERATING INSTRUCTIONS

3.1 Converting Between Knife and Scraper Modes

The SJ1790 features a folding and lockable mechanism for safe and easy conversion:

1. **To deploy the blade for trimming (knife mode):** Unfold the blade mechanism from the handle until it locks securely into the extended position.
2. **To convert to scraper mode:** With the blade deployed, rotate the blade mechanism 90 degrees until it locks into the scraper position.
3. **To retract for safe storage:** Press the release button (located near the pivot point) and fold the blade back into the body of the tool until it is fully enclosed.

3.2 Trimming and Cutting

When using the tool as a trimming knife:

- Ensure the blade is extended and securely locked in the knife position.
- Always use a straight edge or guide for precision cuts.
- Apply even pressure and cut away from your body to prevent injury.
- This tool is suitable for trimming light materials such as cardboard, plastic sheeting, and other similar items.



Image 3.1: The SJ1790 being used in knife mode for cutting tasks.

3.3 Scraping

When using the tool as a scraper:

- Ensure the blade is rotated and securely locked into the scraper position.
- Hold the tool firmly with both hands if necessary, applying consistent pressure to remove unwanted material from surfaces.
- Use caution to avoid damaging the underlying surface.



Image 3.2: The SJ1790 being used in scraper mode for removing material.

3.4 Safety Precautions

- Always wear appropriate personal protective equipment, such as safety gloves and eye protection.
- Keep fingers clear of the blade at all times, especially during deployment, retraction, and blade changes.
- Ensure the blade is fully retracted and locked when not in use.
- Keep out of reach of children.
- Do not use the tool for purposes other than its intended use as a trimming knife or scraper.

4. MAINTENANCE

4.1 Cleaning

After each use, clean the tool to remove any debris, dust, or residue. Use a dry cloth to wipe down the metal body and handle. For stubborn grime, a slightly damp cloth can be used, ensuring the tool is thoroughly dried afterwards to prevent rust.

4.2 Blade Care

Regularly inspect the blade for dullness, nicks, or damage. A dull blade can be more dangerous than a sharp one as it requires more force and can slip. Replace dull blades promptly using the instructions in Section 2.2. The tool comes with 10 spare blades, and additional replacement blades are available from Spear & Jackson.

4.3 Storage

Store the SJ1790 with the blade fully retracted in a dry, secure location, out of reach of children and pets. The convenient metal carry clip allows for secure attachment to a belt or pocket when in use or for temporary storage.

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Video 4.1: A demonstration of the Spear & Jackson SJ1790's features, including its durable body, folding mechanism, use for precision marking and trimming, conversion to a scraper, and integrated spare blade storage. This video highlights the practical aspects of the tool's design and functionality.

5. TROUBLESHOOTING

- **Blade not locking securely:** Check for any debris or obstructions in the blade mechanism. Clean the area thoroughly. Ensure the blade is correctly seated.
- **Difficulty cutting or scraping:** The blade may be dull. Replace it with a new, sharp Spear & Jackson blade. Ensure you are applying adequate and consistent pressure.
- **Tool feels stiff:** A small amount of light machine oil can be applied to the pivot points if the mechanism feels stiff. Wipe off any excess oil.

If you encounter any issues not covered here, please refer to the Warranty and Support section for further assistance.

6. SPECIFICATIONS

Feature	Specification
Model Number	SJ1790
Overall Length	180mm (7 1/16")
Overall Width	30mm (1 3/16")
Height	35mm (1 3/8")
Weight	0.19Kg (0.41lb)
Material	Metal
Blade Material	Metal
Handle Material	Metal
Components Included	1 Spear & Jackson SJ1790 2-in-1 Trimming Knife and Scraper
Country of Origin	China

Dimensions

Overall length: 180mm (7¹/₁₆")

Overall width: 30mm (1³/₁₆")

Height: 35mm (1³/₈")

Weight: 0.19Kg (0.41lb)

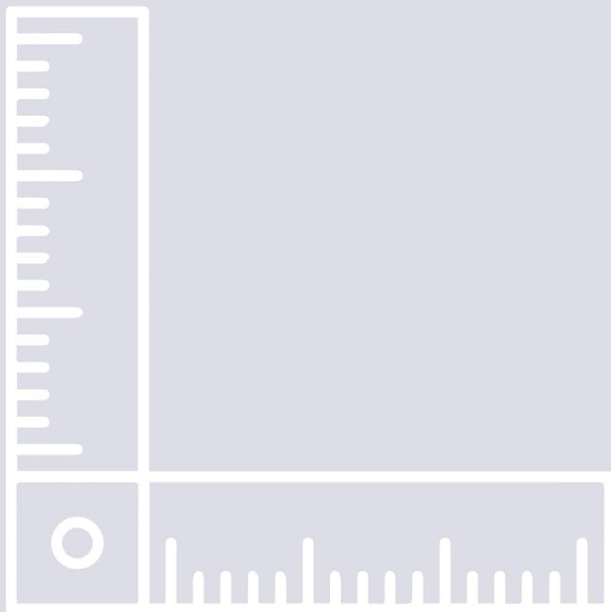


Image 6.1: Detailed dimensions of the SJ1790 tool.

7. WARRANTY AND SUPPORT

Spear & Jackson products are manufactured to high-quality standards and are designed for durability and performance. For specific warranty information regarding your SJ1790 2-in-1 Trimming Knife and Scraper, please refer to the official Spear & Jackson website or the warranty card included with your purchase.

For technical support, replacement parts, or any other inquiries, please contact Spear & Jackson customer service. Keep your purchase receipt as proof of purchase for any warranty claims.

Manufacturer: Spear & Jackson

Website: www.spear-and-jackson.com (Please check the official website for the most current contact information and support options.)

