

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

1.1. GENERAL SAFETY

- WARNING!** These are heavy items, care must be taken when lifting or moving them, especially the SQAV200.
- WARNING!** Ensure the vice is properly fastened to the work surface.
- DO NOT** hammer any part of this vice except the anvil.
- DO NOT** operate the vice if any parts are missing as this may cause failure and/or personal injury.
- DO NOT** use the vice for a task it is not designed to perform.
- DO NOT** operate the vice when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- DO NOT** allow children to operate the vice.
- When sawing, cutting or drilling in connection with this vice always use appropriate industrial gloves and eye protection.
- Take care not to get your fingers trapped between the jaws of the vice at any time.
- Replace or repair damaged parts. *Use an authorised service agent and recommended parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*
- Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery and contain long hair.
- Use in a suitable work area. Keep area clean, tidy and free from unrelated materials. Ensure there is adequate lighting.
- Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- Keep children and unauthorised persons away from the working area.

2. INTRODUCTION & SPECIFICATION

2.1. Introduction

- 2.1.1. Bench mounting, all steel heavy-duty vices with serrated jaws. Features patented cam action lock/release system and quick-slide action for fast jaw opening and closing before clamping. All models include an anvil, 150 and 200mm also include a swivel base.

2.2. Specification

Model No:	SQAV100	SQAV150	SQAV200
Jaw Size:	100mm	150mm	200mm
Jaw Opening:	100mm	150mm	198mm
Weight:	4.0kg	10.0kg	20.0kg
Clamping Force:	20kN	35kN	45kN

3. ASSEMBLY

- 3.1. Remove the vice and handle from the packaging.
- 3.1.1. One of the rounded handle endcaps is loosely screwed to the main handle. Unscrew it and insert the handle through the hole in the front end of the vice shaft. Screw the rounded handle end cap back onto the handle.
- 3.1.2. The fully assembled vice should be firmly bolted to the work surface before use.
- WARNING!** Ensure the locking nuts are fully tightened before using the vice.

4. OPERATION

- 4.1. Rotate the handle on the vice anti-clockwise by a one quarter rotation to release the clamp mechanism.
- 4.1.1. Slide the front jaw in or out as required.
- 4.1.2. Place the workpiece against the rear jaw, slide the front jaw up to the workpiece and then turn the handle clockwise to clamp it in place.
- 4.2. The two larger models have a swivelling base.
- 4.2.1. To swivel the vice on its base, loosen the clamps on either side of the base. Swivel the vice to the required position and tighten the two clamps.

5. MAINTENANCE

- 5.1. When the vice is not in use, the front jaw should be moved in so that it is just touching the back jaw.
- 5.2. Keep the vice clean and lubricate all moving parts with oil/grease on a regular basis.
- 5.3. Before each use check the vice is securely mounted on the work surface and inspect for any visible damage. If any suspect item is found, remove vice from service and take the necessary action to remedy the problem.



NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.

INFORMATION: For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.