

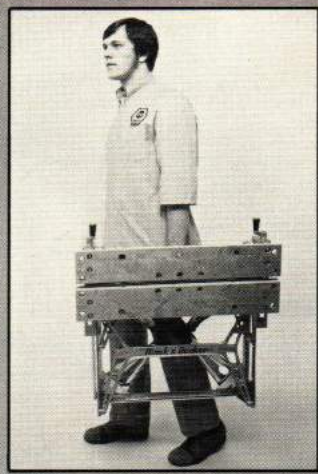
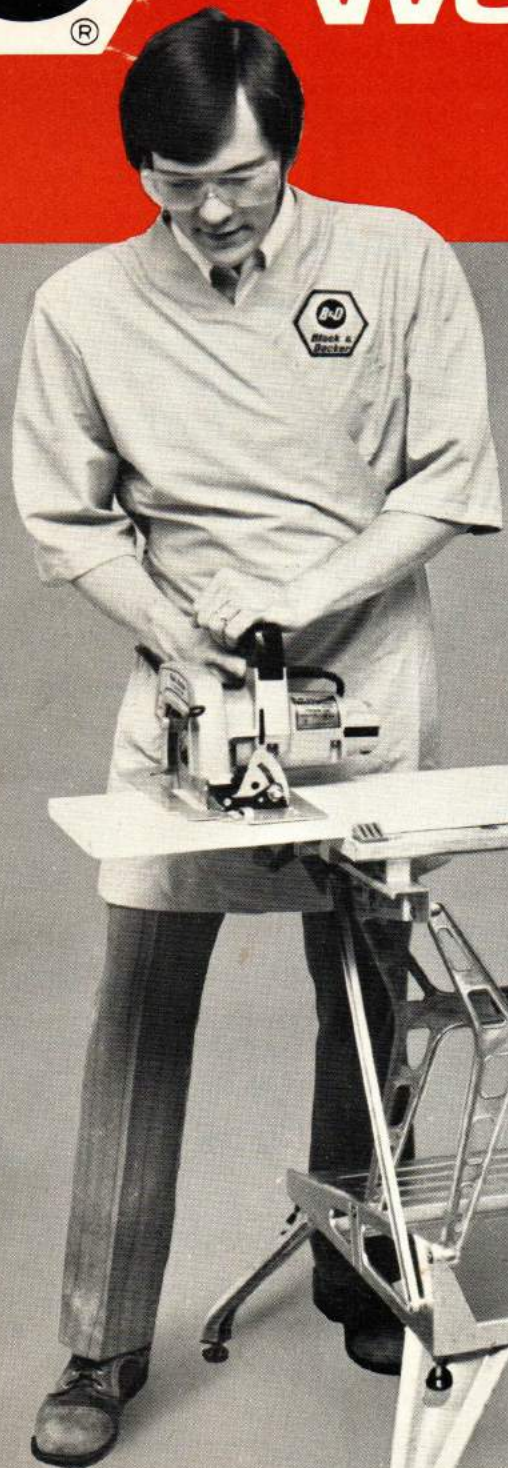
Purchased 31 Mar. 1975  
1 yr. Guarantee



# Black & Decker®

# Workmate™

## Instruction Manual



T.M.—TRADEMARK OF BLACK & DECKER

# YOUR NEW Workmate

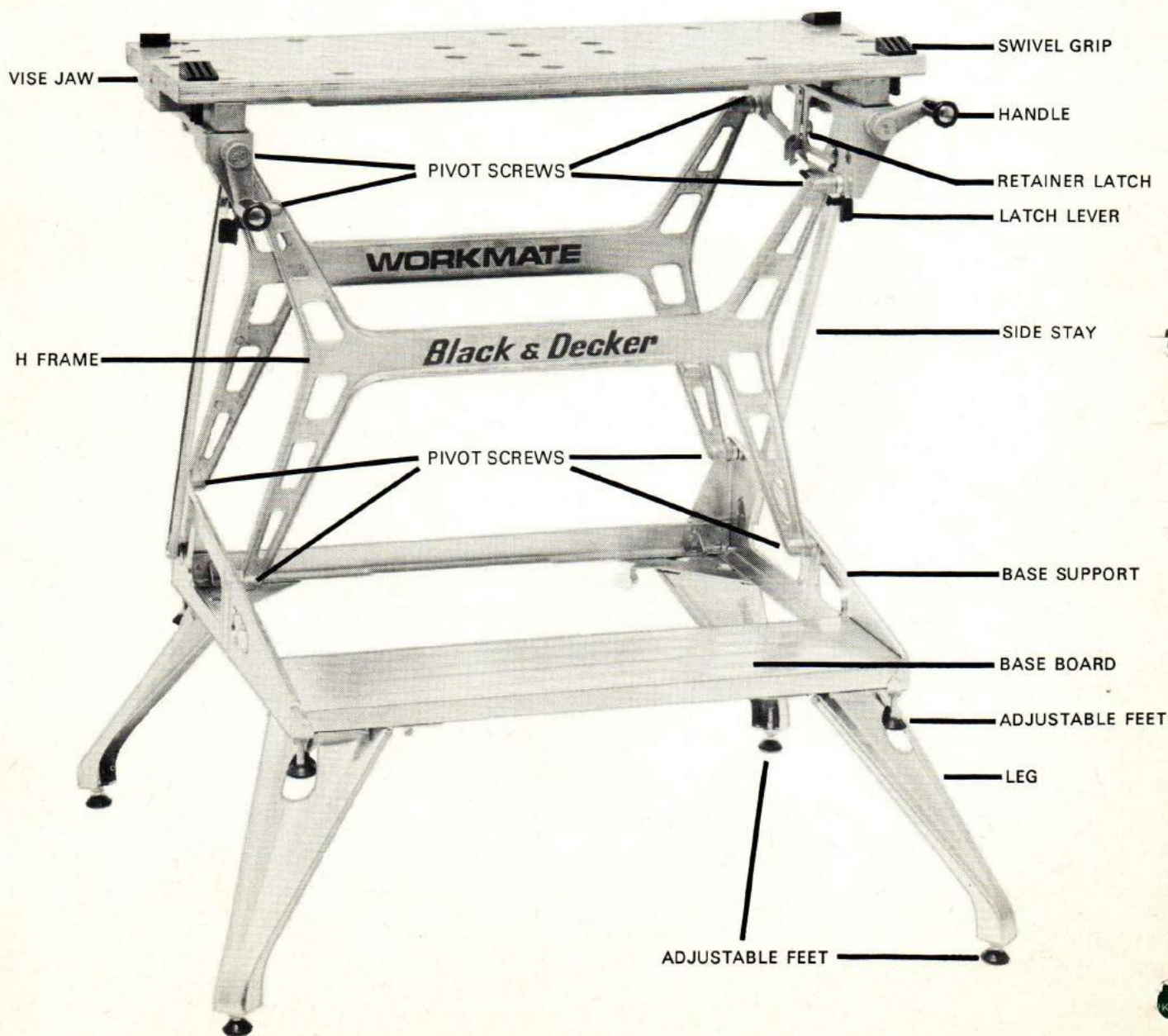
the  
all purpose  
work center  
and vise



Your new Workmate is a quality piece of equipment that has been carefully designed and manufactured to provide years of dependable service.

This instruction manual will familiarize you with the Workmate. It lists important facts and features which describe the Workmate's construction and basic operating techniques. Set up instructions and various usage situations are also provided.

Read this manual carefully. Only by being totally aware of what the Workmate can do will you be able to put it to the numerous tasks it is capable of performing.



#### CAUTION

- 1.—Do not apply weight in excess of 350 pounds.
- 2.—Not to be used as a stepladder or standing platform.

# SETTING UP THE Workmate

The Workmate sets up easily into two working heights: the lower "sawhorse" height or the upper "workbench" height. Choose the position best suited to your particular job. In each case, the Workmate provides a safe and rigid work surface.

## SAFETY RULES:

1. Do not load with more than 350 lbs.
2. Do not apply an unbalanced load which could cause the Workmate to tip.
3. Do not use lower platform as a step when Workmate is in workbench position.
4. Do not use Workmate as a stepladder or standing platform.
5. Do not store Workmate outdoors or in damp condition.
6. Avoid applying excessive force when clamping in only the lower half of the vise jaws or when using the swivel pegs.
7. Be sure that table locks in sawhorse position and that legs lock in workbench position.
8. When using a power tool with the Workmate, follow the safety rules in the tool's instruction manual.
9. Wear safety glasses when using power tools.
10. See "Using Power Equipment" (page 6) for correct method of securing power tools in Workmate. Never mount power tools directly in vise; pressure may damage tools.
11. An even pressure of jaws on work piece is essential. Tighten both jaw handles uniformly.

## MAINTENANCE TIPS:

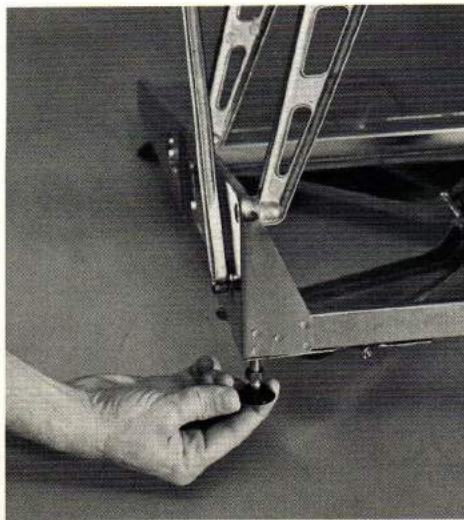
1. Pivot screws are of low friction design. No lubrication is necessary.
2. If binding of vise jaw occurs, cleaning or lubrication of slider and vise screw may be required.
3. Pivot screws should be checked for tightness.



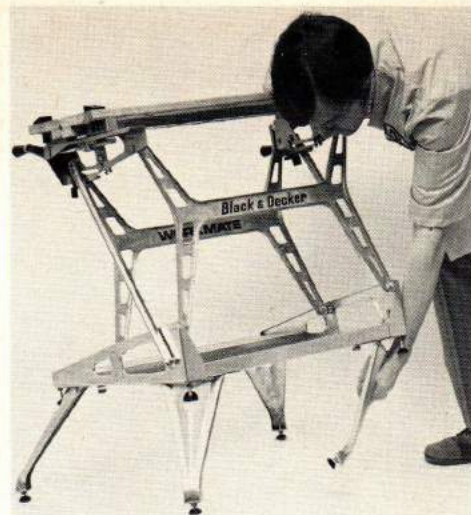
1. Press the two release buttons located, as shown, on either side of the Workmate.



2. The unit will automatically unfold into position. This is the Workmate's lower "sawhorse" height measuring 23 $\frac{1}{4}$ " high. Be sure the table locks into the "sawhorse" height.



3. To assure the rigidity and balance of the Workmate in the "sawhorse" position, adjust the skid-proof screw feet. First loosen adjusting nut. Adjust foot as required, then retighten adjusting nut.



4. To raise the Workmate to its full "workbench" height of 32 $\frac{1}{4}$ ", extend the 4 base legs as shown. Holes in legs must clear screw feet.



5. Always make sure that each leg into its extended position. Ensure adjustable feet for "sawhorse" position do not prevent the legs from fully locking. This will ensure the safe use of the Workmate at this upper working height.



6. To maintain a rigid and balanced Workmate in the "workbench" position, adjust the extension leg screw feet in the same manner as in "sawhorse" position.

# WORKING WITH YOUR Workmate

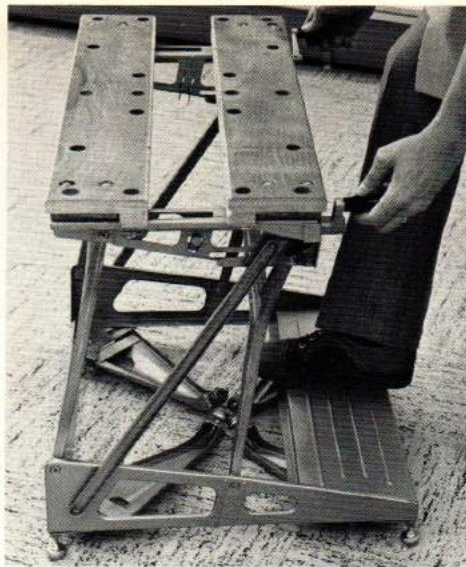
The Workmate is a vise, a sawhorse and an ideal workbench. Its basic design and special features help you to perform a complete range of workshop tasks from the simplest to the most complicated.

The heart of the Workmate is in the action of the two parallel vise jaws.

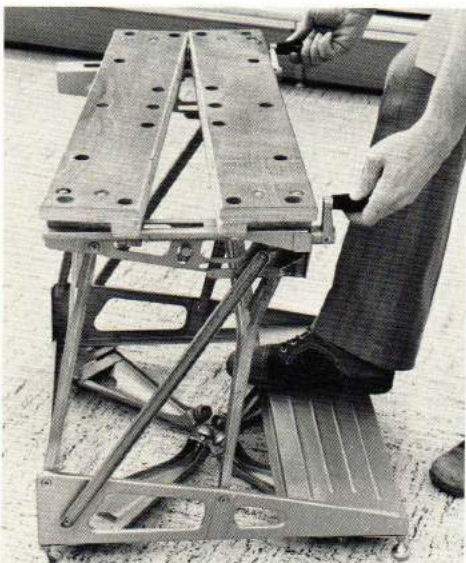
The two vise handles adjust the jaws to a maximum 4" jaw opening. Because each handle works independently, the opening can be tapered from 0" to 4" maximum.

Use of the swivel pegs in the appropriate vise holes extend the vise capacity of the Workmate to a 10" parallel or 24" diagonal grip.

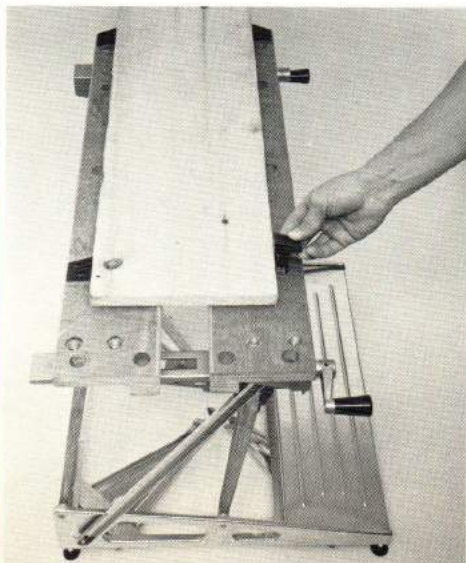
**Note:** From illustration 4 to 13. The user's hands are free to hold the tools properly & safely.



1. Adjusting the vise jaws with the vise handles.

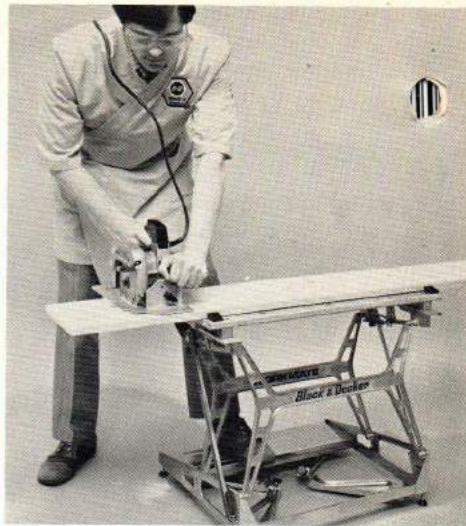


2. Tapering the vise opening using the independent vise handles.



3. Using the vise pegs to extend the vise capacity.

**SAWING** In its lower position, the Workmate is an ideal sawhorse.



4. For holding material safely and securely.



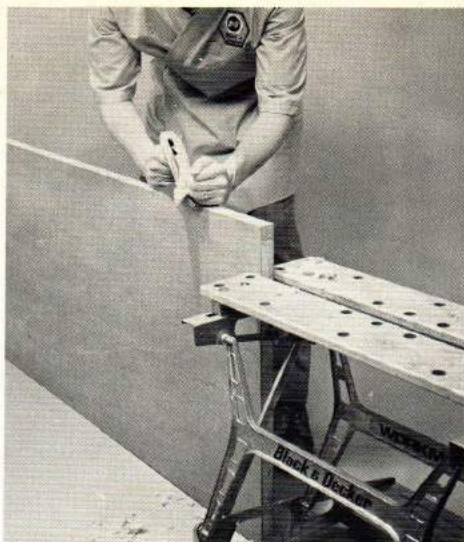
5. Gripping hard-to-hold objects while sawing.



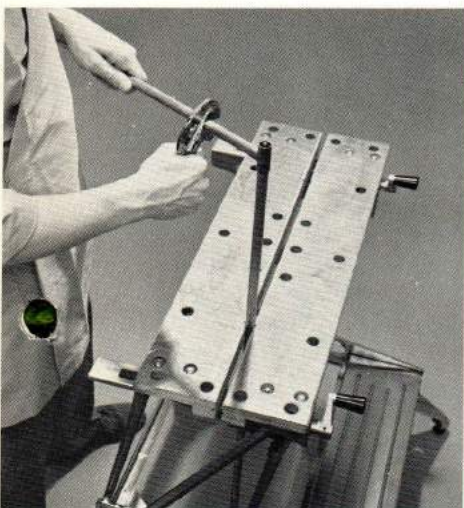
6. Holding a mitre box for more accurate angle cuts. Note: For added rigidity, exert your body weight on the Workmate's base board when sawing or performing other tasks.



7. Sawing tubular pieces is easy when they are held horizontally in the specially designed V-grooves running along the face of the vise jaws.



10. Strength and stability to handle the largest and most awkward sizes and shapes.



8. Similarly, vertical V-grooves in the face of the vise jaws permit rigid vertical grasping of tubular objects.

### PLANING, SANDING, ROUTING

You can do a better job when the item you are working on is held steady and secure.



9. Holds your stock in the perfect height and position.



11. Power sand the most irregular shapes and use exactly the pressure that's needed. There are no sudden surprises when the item holds still.



12. Special tasks won't mean special problems anymore. Routing can be easy and the results more professional.



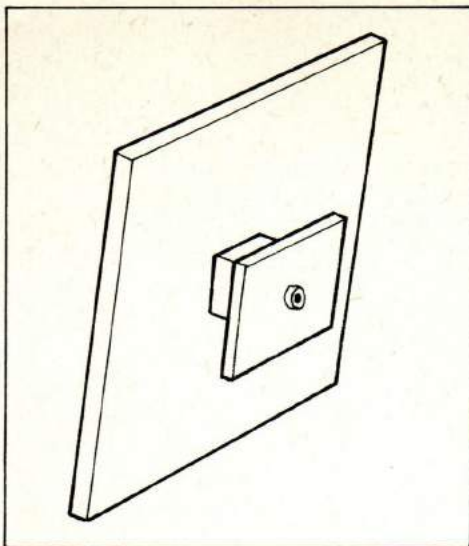
13. The Workmate brings the job up to where you can reach and see it, conveniently, even with hard-to-hold items.

# Workmate: using POWER EQUIPMENT

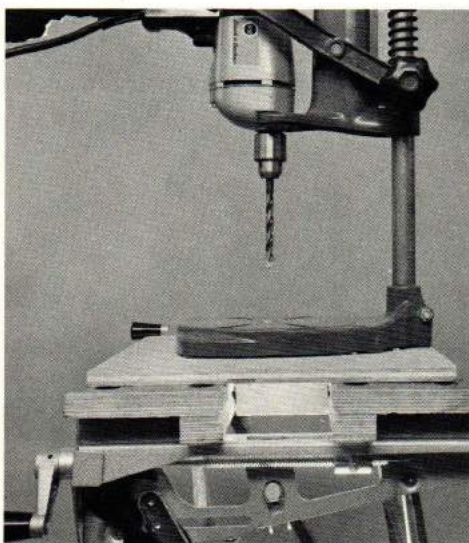
Your Workmate has the strength and rigidity to serve as a flexible power work center. Construct individual mounting blocks for your different power tools to save workbench area in your workshop while making your power equipment completely portable.

## CAUTION:

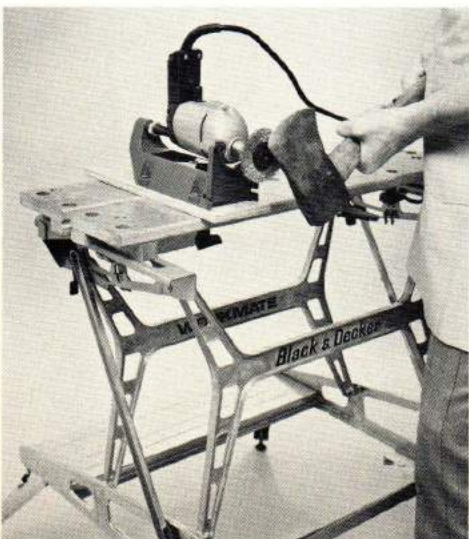
1. Securely mount tool accessories to mounting board with screws or bolts.
2. For safety, it is recommended that you always wear safety glasses when using electrical tools with the Workmate.



1. A simple power tool mounting board. (See back page for construction details.)



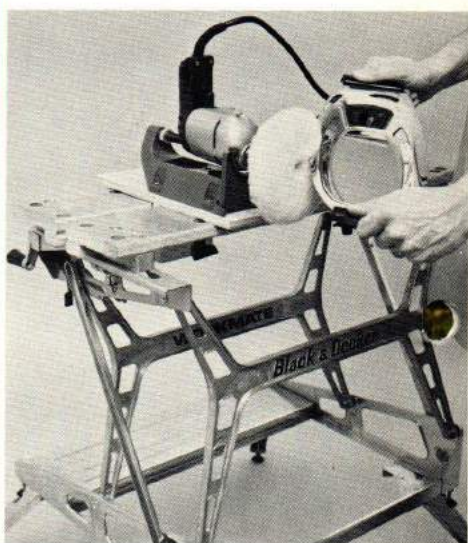
2. The block on the underside of the board is held in the jaws of the Workmate. The power unit is secure and safe for use.



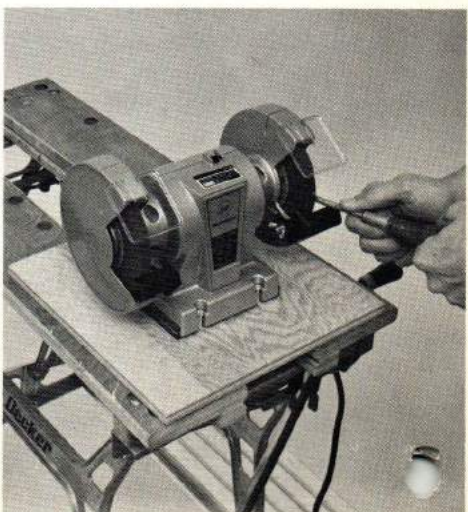
3. Set at the "workbench" height, the Workmate is a perfect mount for cleaning rusty tools and equipment.



4. Your power drill and drill press can go along with you on any job—across town or into the next room.



5. You'll want to use all of your power accessories more often. Take buffing—it's easier and more convenient with the Workmate.



6. Add power equipment you never thought you had room for—grinding is safe and secure with the Workmate as your workbench.

# Workmate: HOLDING IRREGULAR SHAPES

Using the swivel grips in the appropriate holes and the independent action of the vise handle, the Workmate can secure the most irregular shapes. Lets you grip objects that used to be impossible to hold.

Rotate swivel peg to accept irregular shape.

Outside swivel grips extend vise capacity for a 24" diagonal grip.



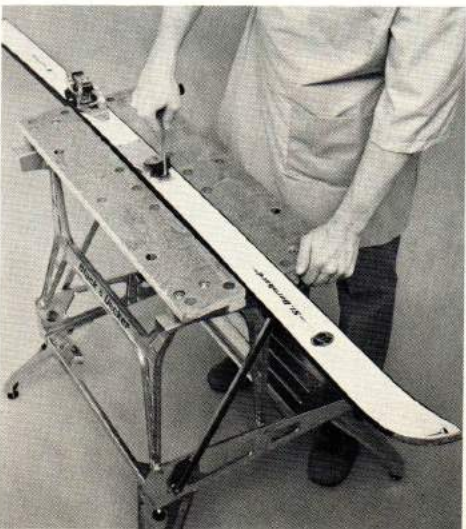
2. Got a bike that needs attention? The Workmate can make the job easier by giving you an extra pair of hands when you really need them.

5. Because each end of the vise jaws work independently of each other, it's possible to grasp tapered objects.

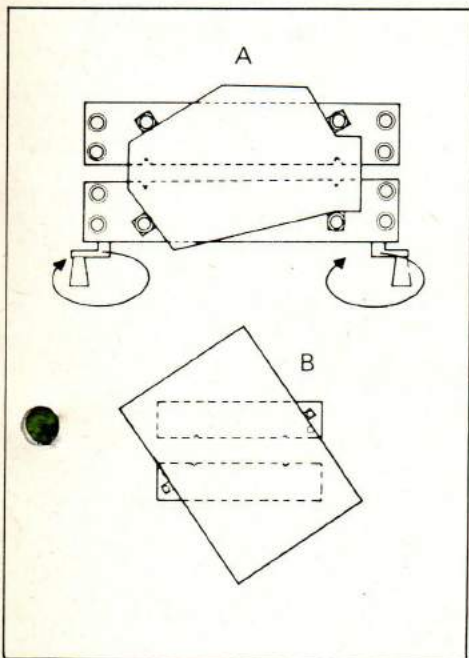


3. The job gets done right the first time, and with less frustration, when the swivel grips get a hold on the problem.

6. If you've got a hobby or pastime that requires a steady hand and a steady work surface, rely on the Workmate. It's the vise and work center that lets you get at your project from any angle or position.



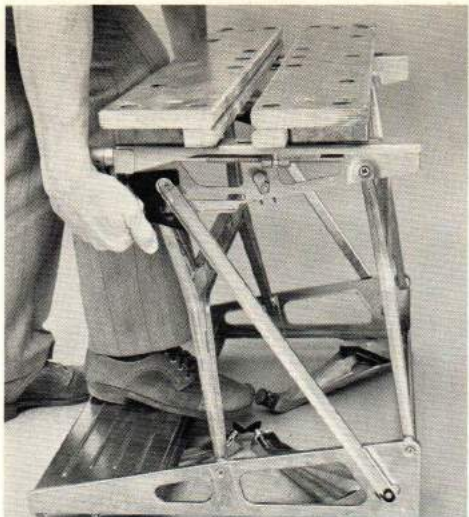
4. It's hard to find a shape that can't be held secure, and the object is always at the proper height to work on.



1. When the project calls for extra work space you can shape up the perfect work table by attaching "block" (see section on "Power Tool Mounting Board") to the underside of a sheet of plywood. Helps with the wallpapering; makes an extra long table surface for any work or play occasion. Care should be taken to center plywood.

## How To Store Your Workmate:

1. Store swivel pegs upside down in table top until next application.
2. Fold in all four extension legs and clamp in locked mode.
3. Place one foot on platform.
4. Using thumbs, simultaneously pull both retainer latches toward you.
5. Pull unit straight up until latch releases.
6. Close unit and clamp in locked mode.
7. You can now store your Workmate conveniently in minimum space.



## GUARANTEE

The Workmate is guaranteed for one year from date of purchase. If it does not operate to your complete satisfaction, it will be replaced free of charge when returned to the seller (if a participating retailer) or to a Black & Decker Service Center. The Rapid Exchange Service is not applicable if used in commercial or rented service.

## ONE YEAR GUARANTEE

Black & Decker guarantees, for one year from date of purchase, to correct by repair or parts replacement, without charge, any defect due to faulty material or workmanship. Simply return the complete unit, transportation prepaid, to any Black & Decker Service Center or authorized Service Station. Naturally, we assume no responsibility for damage caused by misuse, careless handling or where repairs have been made or attempted by others. No other guarantee, written or verbal, is authorized by us.

## SIMPLE FIXTURES FOR YOUR BLACK & DECKER WORKMATE

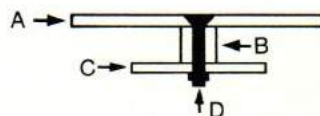
### INTRODUCTORY NOTE

These simple fixtures represent a small selection of ideas designed to extend the already wide versatility of the Black and Decker Workmate. They are all intended to be gripped between the vise jaws. Relatively easy to make, they may be altered in size and material to suit individual requirements.



### POWER TOOL MOUNTING BOARD

Attachments such as the Black and Decker Vertical Drill Stand, the Horizontal Drill Stand may be screwed down to a suitable sized piece of plywood, to the underside of which is attached a block. The Block when gripped securely in the Workmate vise jaws provides extra safety and accuracy in the operation of the attachment.



### SUGGESTED SIZES

A-Mounting Board	12" x 12" x 3/8"
B-Vise Block	2" x 4" x 6"
C-Retaining Board	3" x 3" x 1/4"
D-Bolt	5"



### CAUTION:

1. Do not use nails or screws, use bolts
2. Do not overhang mounting board on working surface

### PASTING/GARDEN/GENERAL PURPOSE TABLE

### CAUTION:

1. Do not use nails or screws, use bolts
2. Centre pasting board over table working surface

### SUGGESTED SIZES

2' x 6' Plywood by 1/4"
2" x 4" Stud x 30" long
4 Bolts 5" long

