



**BLACK & DECKER®**



# **Instruction Manual**

**Workmate® 200  
Work Center  
79-032**

**Workmate® 300  
Work Center  
79-033**

Christmas gift from Carol's Art  
Dec. 25, 1988



# Welcome to Black & Decker's wonderful world of Workmate® Work Centers.

If you already own a Black & Decker Product, you know the pleasures a high quality, high performance product can deliver.

Your new Workmate® Work Center 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 Work Center. It lists important facts and features which describe the Work Center's construction and basic working techniques.

So take a few minutes and thoroughly read this manual. Complete

set-up and application instructions are included. Only by being totally aware of what the Work Center can do will you be able to put it to the numerous tasks that it is capable of performing.

Pay particular attention to the Safety Rules we've provided for your protection.

We want you to enjoy your Workmate® Work Center, and the more you know about it, and its capabilities, the happier you'll be with it.

Thank you for selecting Black & Decker.

And don't forget to send in your owner's registration card.



**BLACK & DECKER®**

## SAFETY INSTRUCTIONS

### READ ALL INSTRUCTIONS

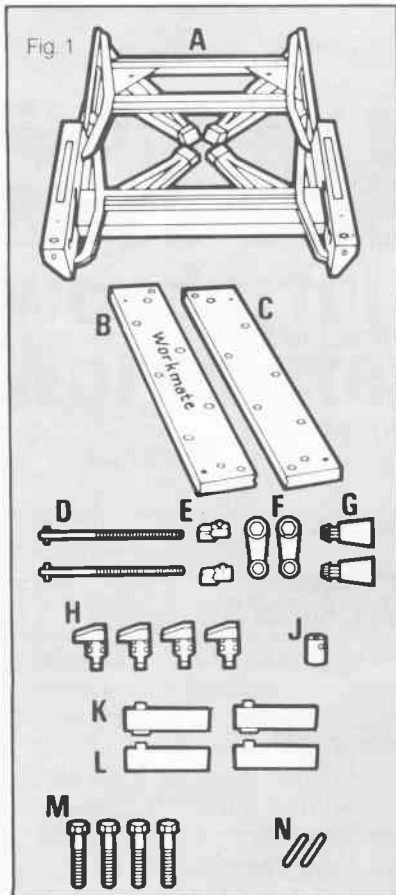
1. Do not load with more than 350 pounds.
2. Do not apply an unbalanced load which could cause the Work Center to tip over.
3. Do not use the Work Center as a step-ladder or standing platform. Do not use the lower platform as a step when the Work Center is in "Workbench" position.
4. Do not store Work Center outdoors or in a damp location.
5. Avoid applying excessive force when clamping with the swivel grips.
6. Be sure that the legs are fully open and be sure that the table locks in the sawhorse position.
7. When using a power tool with the Work Center, follow the safety instructions in the tool's Instruction Manual.
8. Always wear safety glasses when operating power tools.
9. See "Using Power Equipment" in this manual for correct method of securing power tools in the Work Center. Never mount power tools directly in vise jaws; pressure may damage tools.
10. An even pressure of the vise jaws on the work piece is essential. Tighten both vise jaws uniformly.
11. When assembling your Work Center, use only the Special Plastic Wrench provided. Use of other wrenches or sockets can damage your Work Center.



SAVE THESE INSTRUCTIONS FOR FUTURE USE.

# Assembly

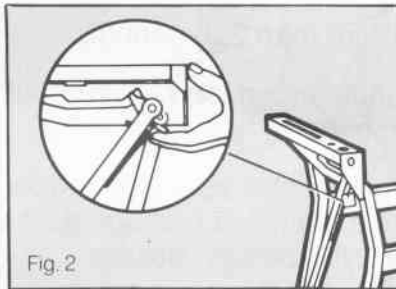
1. Empty the contents of the box and identify all components (see Figure 1)



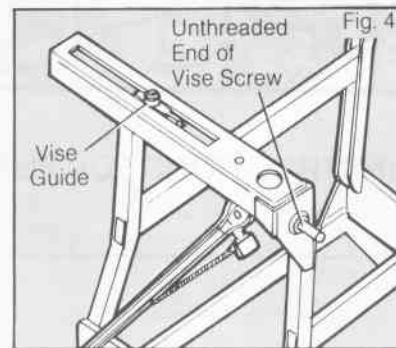
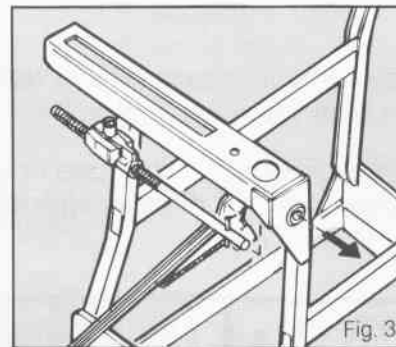
- |                 |                     |
|-----------------|---------------------|
| A. Frame        | H. Swivel Pegs      |
| B. Front Jaw    | J. Socket Wrench    |
| C. Rear Jaw     | K. Front Top Blocks |
| D. Vise Screw   | L. Rear Top Blocks  |
| E. Vise Guide   | M. Bolts            |
| F. Vise Crank   | N. Pins             |
| G. Crank Handle |                     |

**NOTE:** A helpful diagram showing the assembled Workmate appears on pages 6 and 7 of this manual.

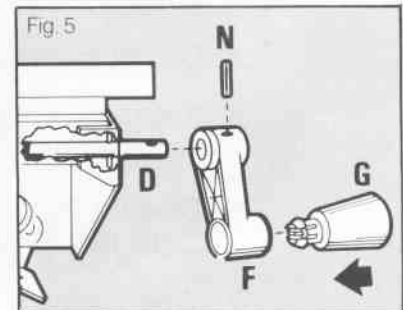
2. Place the Frame (A) on the floor in the position shown in Figure 1. Find the release levers near the front rubber feet on the sides of the Frame. Depress both release levers as shown in Figure 2 and pull up until you hear the Frame lock in Place.



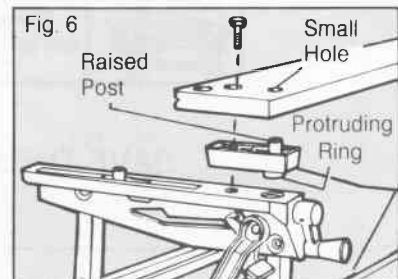
3. Open the folding legs on the bottom of the frame by pulling them down. Make sure that you feel them lock into place.  
**NOTE:** These legs can be folded if you want to use your Workmate as a sawhorse; extended, the Workmate is at workbench height.
4. Select the Vise Screws (D) and the Vise Guides (E). Screw one Vise Guide onto each Vise Screw about halfway, as shown in Figure 3.
5. Insert the unthreaded end of the Vise Screws into the Frame such that the Vise Guides are located in the slots on the top of the Frame and the unthreaded ends protrude through the holes in the front of the Frame, as shown in Figures 3 and 4.



6. Install the two Vise Cranks (F) and secure them by driving the pins (N) through the holes in the cranks and the Vise Screws. (Align the holes in the Vise Cranks with the holes in the Vise Screws and strike the pins sharply with a steel hammer until they are flush with the sides of the Vise Cranks.) See Figure 5. Push on crank handles as shown.



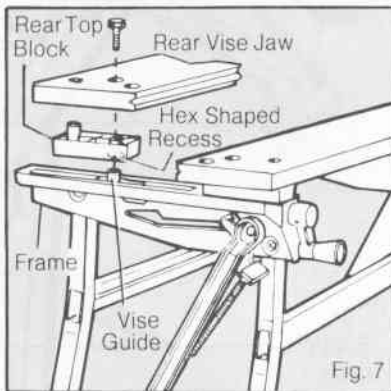
Closely examine the two front top blocks and the two rear ones. Note that the front blocks have a protruding ring on the bottom side where the rear blocks do not. Select the front vise jaw, B, and the two front top blocks, K. Place the top blocks on the rails of the frame as shown in Figure 6. Install the front vise jaw on top of the top blocks so that the small holes at each end of the jaw fit down over the posts on the top side of the blocks. With the jaw positioned as described above and the protruding rings on the bottoms of the blocks inserted into the frame as shown in Figure 6, insert two of the four bolts, M, into the holes in the jaw and tighten them securely into the threaded holes in the frame. Use the socket wrench, J, provided.



**NOTE:** For clarity, only the left side assembly is shown. Perform all operations on right side as well.

## Assembly (Cont'd)

Select the rear vise jaw, C, and the two rear top blocks, L. Position the rear top blocks on the frame rails so that the hex shaped recesses in the bottoms of the blocks fit over the raised posts of the vise guides, E, you installed in step 5 on page 4. Position the top blocks so their raised posts are toward the rear of the frame, as shown in Figure 7. Now install the rear vise jaw so that the small holes in the ends of the jaw fit over the raised posts on the top blocks you just installed. Insert the remaining two bolts, M, into the holes in the jaw and through the top blocks into the raised posts of the vise guides. The holes in the vise guides are not threaded so you will feel resistance as you cut threads into them.



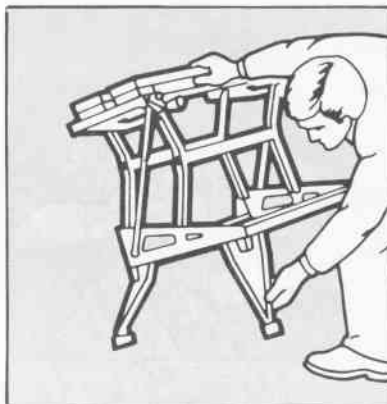
## Setting Up Workmate® Work Center

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

This is the lower "sawhorse" height, measuring approximately 23" high. Be sure the Work Center locks into position.



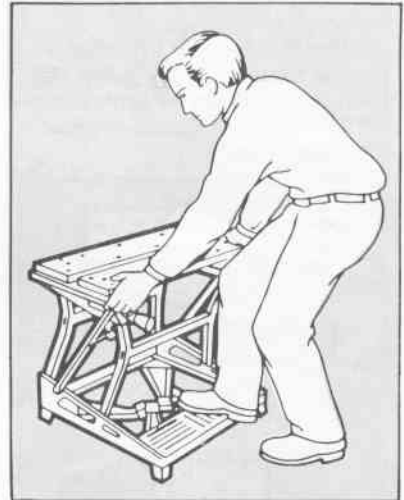
To raise the Work Center to its full workbench height of approximately 30" extend the 4 base legs as shown in position.



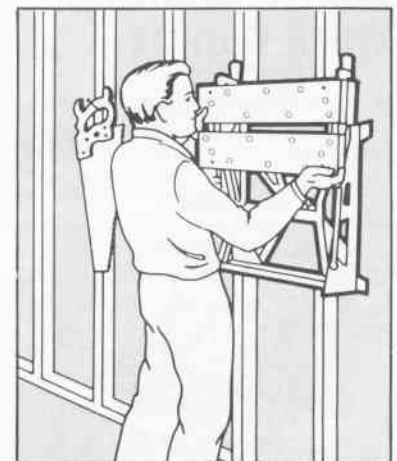
Always make sure that each leg is swung into its extended position. This will ensure safe use of the Work Center at this upper working height.

## How To Store Your Workmate® Work Center

1. Store swivel pegs upside down in vise jaws until next application.
2. Fold in all four base legs.
3. Place one foot on footboard.
4. Using index fingers, simultaneously press release latches, then pull top toward you.



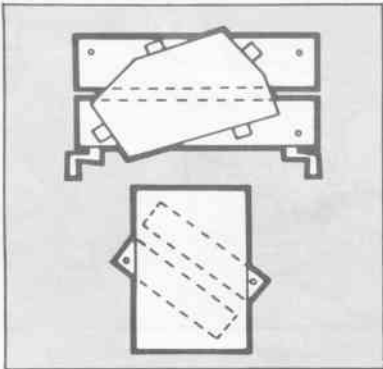
5. Close unit and clamp in locked position.
6. You can now store Workmate® conveniently in minimum space.



## Holding Irregular Shapes With Workmate® Work Center

Using the swivel pegs in the appropriate holes and the independent action of both vise handles, the Work Center can secure the most irregular shapes. Lets you grip objects that used to be impossible to hold.

Rotate swivel legs to accept irregular shapes. Outside swivel pegs extend vise capacity for approximately 27" for the 79-033 and 22" for the 79-032 diagonal grip.

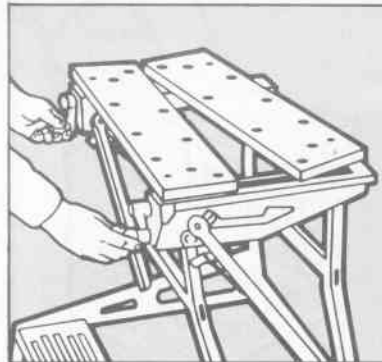


## Working With Your Workmate® Work Center

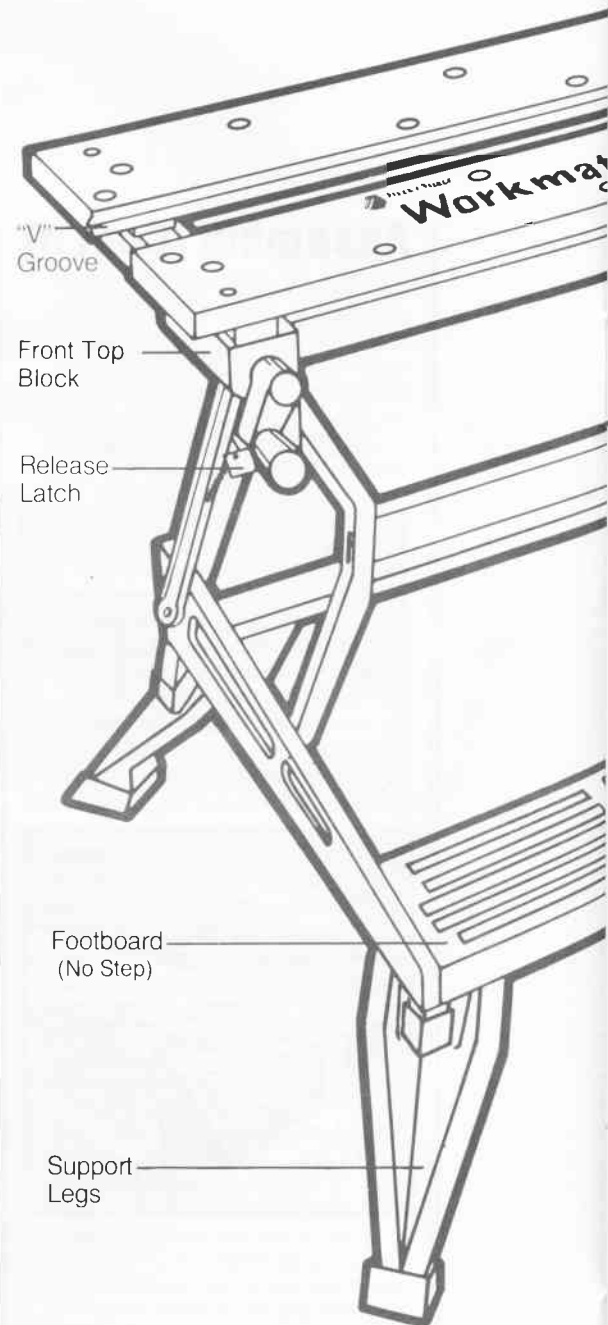
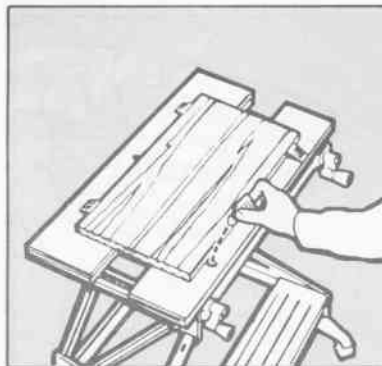
The Work Center is a vise, sawhorse and workbench all in one. Its basic design and special features help you perform a complete range of workshop tasks from the simplest to the most complicated.

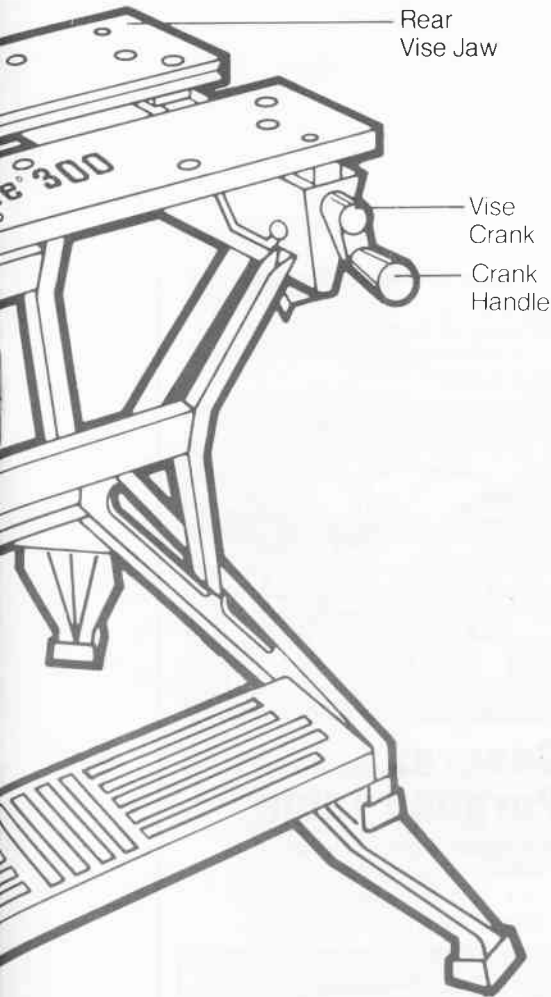


The heart of the Work Center is in the action of the two parallel vise jaws. The two vise handles adjust the jaws to a maximum of 5-1/4" jaw opening. Because each handle works independently, the opening can be tapered from 0" to 5-3/4" maximum.



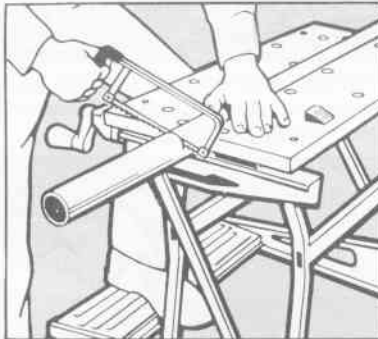
Use of the swivel pegs in the appropriate vise holes extends the vise capacity of the Work Center up to 12" wide, or up to approximately 27" for the 79-033 and 22" for the 79-032 when objects are held diagonally.



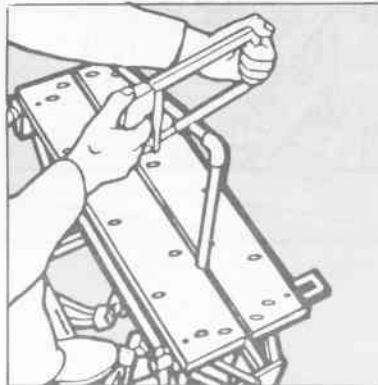


Sawing tubular pieces is easy when they are held horizontally in the specially designed "V" grooves running along the face of the vise jaws

**CAUTION:** Swivel pegs are to be used only in cases where the workpiece **DOES NOT** extend beyond the surface of the two vise jaws. Black & Decker supplies, at extra cost, clamps for securing larger projects to your Workmate and "C" clamps are available at your local hardware store.



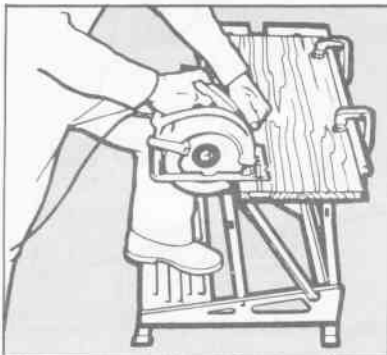
Vertical "V" grooves in the face of the vise jaws permit rigid vertical grasping of tubular objects.



**NOTE:** Place your foot as shown on the footboard of the Work Center to steady it. **DO NOT USE AS A STEP.**

## Sawing

In its lower position, the Work Center is a sawhorse. Holds material securely.



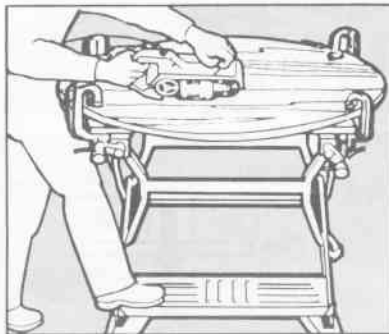
## Planing, Sanding, Routing

Your Workmate® Work Center permits you to do a better job when planing, sanding, and routing because work is held securely.

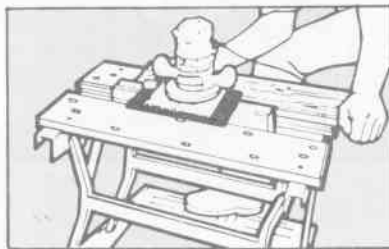
Holds material at perfect height and position. Strength and stability to handle large and awkward sizes and shapes.



Power sand the most irregular shapes. "C" clamps hold material securely.



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



## Using Power Equipment With Workmate® Work Center

Construct individual mounting boards for your power tools to save workbench space. Makes your power tools completely portable when placed in the Work Center.

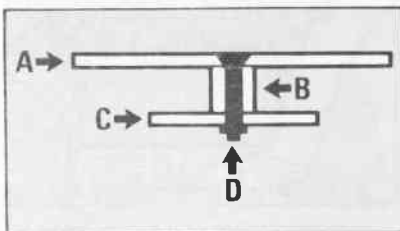
**CAUTION:** Securely mount tool accessories to mounting board with screws or bolts. Always wear safety glasses when using power tools with the Work Center.

## Power Tool Mounting Board

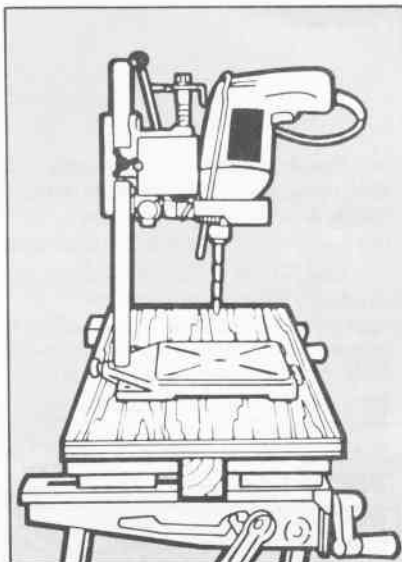
Attachments such as Black & Decker Vertical Drill Stand and the Horizontal Drill Stand may be attached with screws to a suitable sized piece of plywood to the underside of which a block of wood is attached. The block, when gripped securely in the Work Center vise jaws, provides rigidity for the operation of the tools in the attachments.

### Suggested Sizes

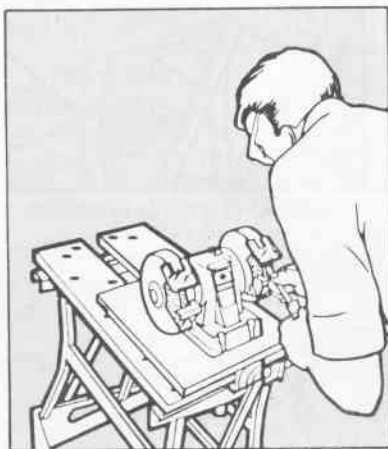
- A. Mounting Board 12" x 12" x 3/8"
- B. Vise Block 2" x 4" x 6"
- C. Retaining Board 3" x 3" x 1/4"
- D. Bolt 5"



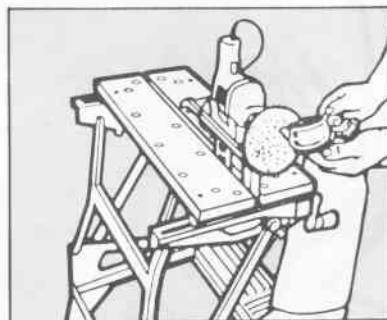
The block of wood on the underside of the mounting board is held in the jaws of the Work Center. The power tool is secure for use.



Add power tools you thought you never had room for. Securely holds even the larger tools.

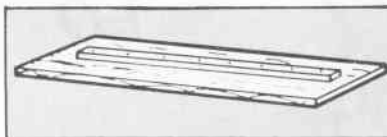


You'll want to use all of your power tool accessories more often. For instance, buffing—it's easier and more convenient with the Workmate® Work Center.



## General Purpose Table

**Suggested Sizes**  
 2' x 6' x 1/4" plywood  
 2" x 4" stud, 30" long  
 4 bolts 5" long



**CAUTION:** Do not use nails or screws. Use bolts. Center table top over center of vise jaws.

When the project calls for extra work space, you can make a work table by attaching a block of wood to the underside of a piece of plywood. Makes an extra long table surface for a work or play occasion. Center table over center of vise jaws and clamp block on underside firmly.





## Important

To assure product **SAFETY** and **RELIABILITY**, repairs, maintenance and adjustment should be performed by Black & Decker Service Centers or other qualified service organizations, always using Black & Decker replacement parts.

## Accessories

The accessories listed in this manual are available at extra cost from your local dealer or Black & Decker Service Center.

A complete listing of service centers is included on the owner's registration card packed with your tool.

If you need assistance in locating any accessory please contact:

Black & Decker (U.S.) Inc.  
User Services Department  
10 North Park Drive  
P.O. Box 857  
Hunt Valley, MD 21030-0857

Recommended accessories for your tool are listed in this manual.

**CAUTION:** the use of any other accessories or attachments may be hazardous.

## Workmate Accessories

(Available at Extra Cost)

### Cat. No. 79-010 Swivel Pegs

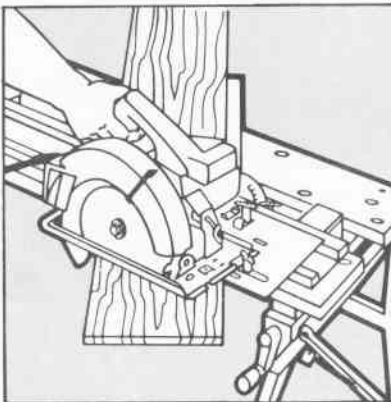
Packaged in pairs. Ideal for holding large and irregular shaped objects.

**CAUTION:** Swivel pegs are to be used only in cases where the workpiece **DOES NOT** extend beyond the surface of the two vise jaws. Black & Decker supplies, at extra cost, clamps for securing larger projects to your Workmate and "C" clamps are available at your local hardware store.



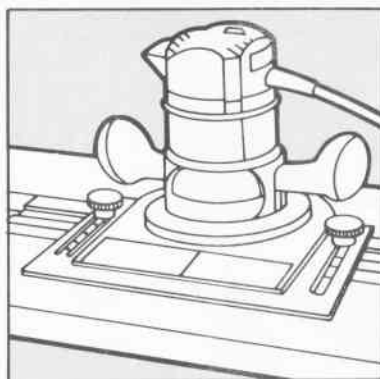
### Cat. No. 79-012 Workmate® Saw & Miter Guide

Clamps into Workmate® Work Center you hold material down securely for accurate miter and compound miter cuts. Accepts most popular makes of 7-1/4" Circular Saws and is ideal for cutting rafters, floor joists, studs, window baseboard and decorative trim.



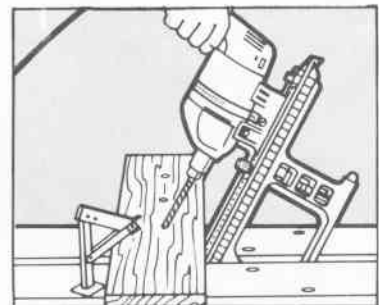
### Cat. No. 79-013 Type 2 Workmate® Router & Shape Guide

Professional router cuts made easy. Holds Black & Decker and other popular routers securely on Workmate® Portable Work Center table top. Gives solid "hands off" support for all types of router cuts.



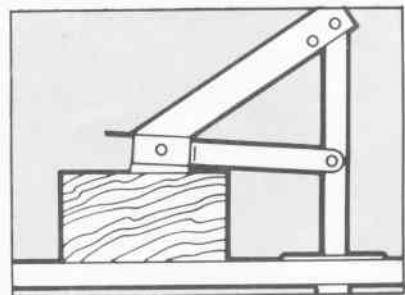
### Cat. No. 79-015 Workmate® Drill Guide

Holds Black & Decker and most other drills securely for vertical or 0° to 90° angular drilling. Use freehand for accurate angles or horizontally in Workmate® to hold drill for buffing, sanding jobs.



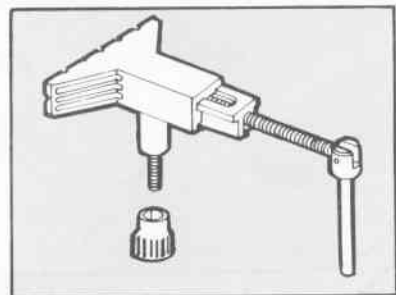
### Cat. No. 79-016 Workmate® Clamps (Pkg. of two)

Specially designed clamp assembly to hold items on a Work Center vise jaw for gluing, routing, sanding, sawing, etc.



### Cat. No. 79-018 Workmate® Horizontal Clamp

Fits into swivel peg holes in vise jaws to aid in clamping horizontally. Excellent as small gluing clamp.



Black & Decker's Full Two Year Home Use Warranty states that, in case of a defect, you may return the tool to the place of purchase for a free replacement (if it is a participating retailer) or you may take it to a Black & Decker Service Center.

## **Home Use Warranty (A Full Two Year Warranty)**

Black & Decker (U.S.) Inc. warrants this product for two years against any defects that are due to faulty material or workmanship. Please return the complete unit, transportation prepaid, to the seller (if a participating retailer) for free replacement (proof of purchase may be required). The unit may also be returned to a Black & Decker Service Center listed under "Tools Electric" in the Yellow Pages for free replacement or repair at our option. This warranty does not apply to accessories. This warranty gives you specific legal rights and you may have other rights which vary from state to state. Should you have any questions, contact your nearest Black & Decker Service Center Manager.

Black & Decker Workmate® Work Center covered by one or more of the following U.S. patents: 3 615 087; 3 841 619; 4 034 684; 4 076 229; 4 127 260; 4 140 309; 4 154 435; 4 155 386; 4 157 174; 4 159 821; 4 169 606; 230 801; D250 079; 4 253 212; 243 820; 4 248 411; 4 265 436; Pat. Ped. Corresponding Patents in other countries.



See 'Tools-Electric'  
—Yellow Pages—  
for Service & Sales



**BLACK & DECKER®**

BLACK & DECKER (U.S.) INC., U.S. Power Tools Group, 10 North Park Drive, P.O. 798, Hunt Valley, MD 21030-0798 U.S.A.

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