

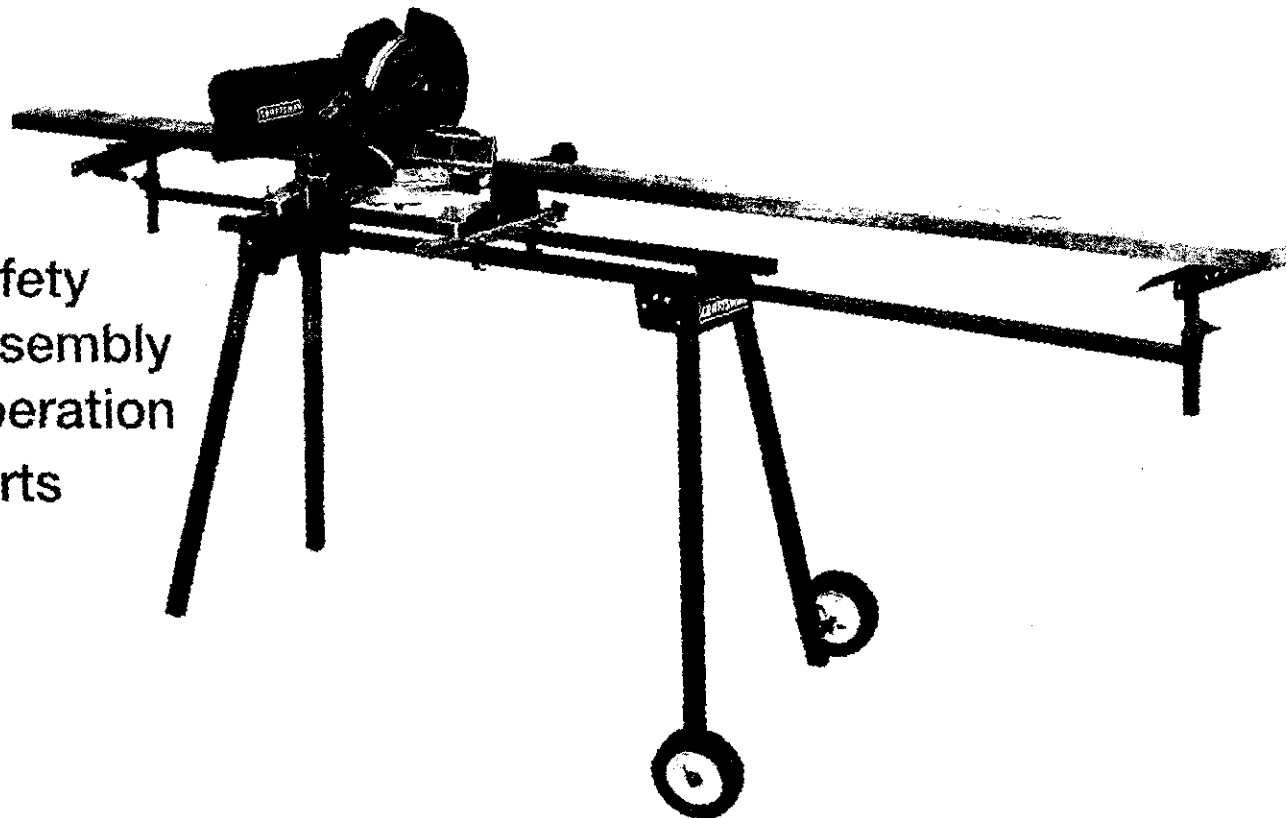
Owner's Manual

CRAFTSMAN[®]

Folding Miter Saw Stand

Stock No. 22299

HTC Products



- Safety
- Assembly
- Operation
- Parts

CAUTION:

Before using this product, read this manual and follow all its Safety Rules and Operating Instructions.

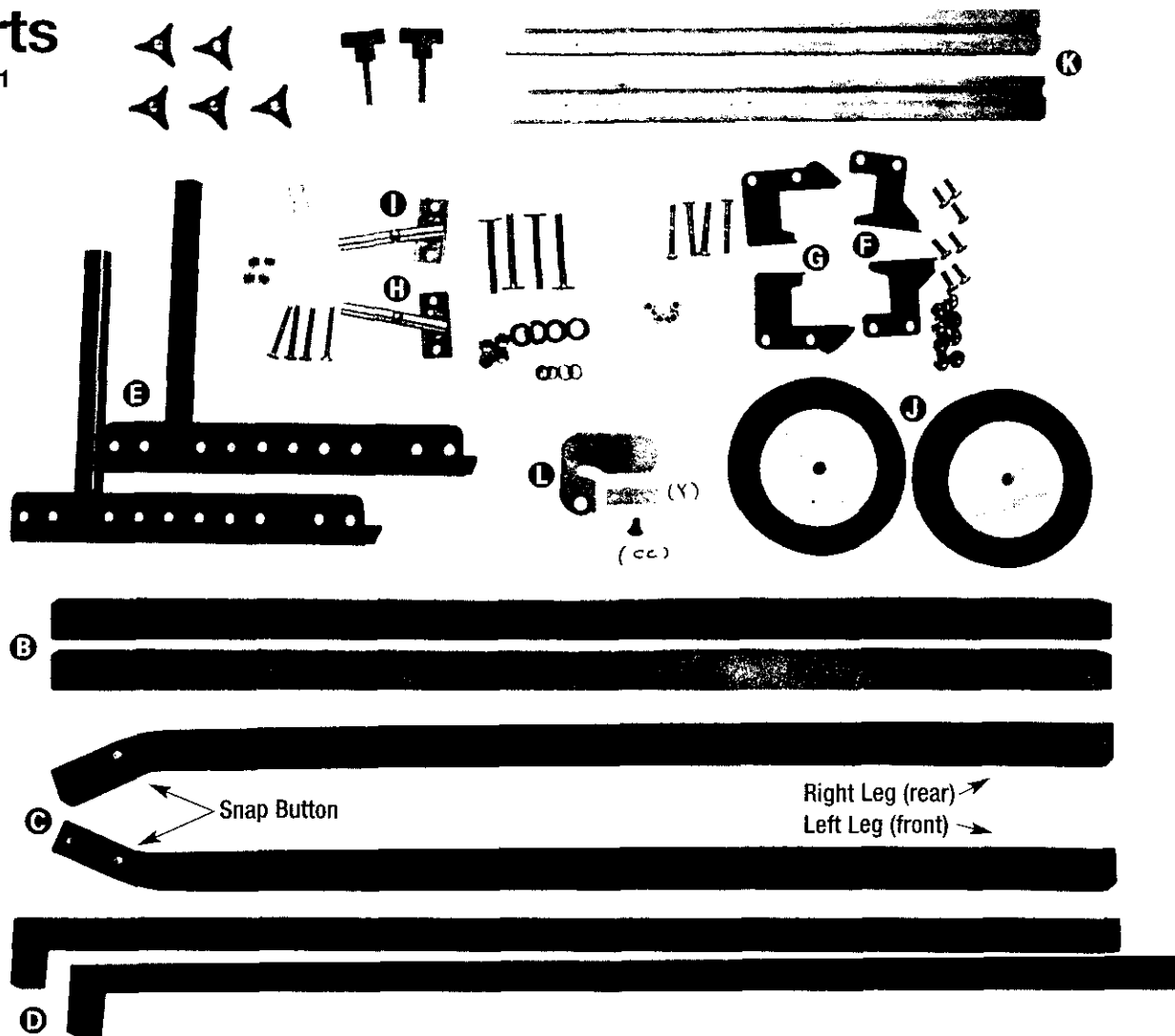
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Congratulations

You have just purchased a 22299 Folding Miter Saw Stand. This product has been specifically designed to assist you in the use of your 10-12" miter saw.

Parts

Figure 1



Model Number	22299	QTY
A Top Frame	5096	1
B Straight Legs	2901	2
C Curved Legs	2900	2
D Outrigger Supports	5099	2
E Support "T"	5098	2
F MTG Hook R/L	2898 R/L	1/1
G Clamp Bracket R/L	2906 R/L	1/1
H Wheel Mount Right	2897 R	1
I Wheel Mount Left	2897 L	1
J 6" Wheels	H213	2
K Aluminum Extrusion	2896	2
L Multi-Stop	2890	1
M 5/16"-18 x 2 1/2" T-BOLT	C227	4
N 5/16" FLAT WASHER	C204	8
L 5/16"-18 MULTI-STOP BOLT	2343	1

Model Number	22299	QTY
P Leg Plugs (right)	2908 R	2
Q Leg Plugs (left)	2908L	2
K 5/16" Lock Washers	C226	4
S 5/16" Hex Nut	C202	4
T 1/4" - 20 x 5/8" Hex Bolts	D122	12
U 1/4" - 20 Nylok Nut	D102	8
V 1/4" - 20 x 1-3/4" Hex Bolt	D139	4
W 5/16" - 18 x 1/2" 3-Point Knob	G101	5
X 5/16" - 18 x 1-1/2" 3-Point Knob	G103	2
Y Threaded Plate	2902	1
Z Latch Pin (wheel axles)	F206	2
AA Snap Button	F103	4
BB 1/4" - 20 Serrated Flange Nut	D118	8
CC 1/4" - 20 Carriage Bolt	D138	4

General Safety Instructions for Power Tools

Using power tools of any kind can be dangerous if safe operating procedures are not followed. Recognizing the hazards of each tool and using them with respect and caution will considerably limit the possibility of personal injury. However, if safety precautions are ignored, personal injury will likely result. Always use common sense – your personal safety is your responsibility.

1. Know your power tool. Read and understand the Owner's Manual and observe the warnings and instruction labels affixed to the tool.
2. Properly ground all tools.
3. Keep guards in place.
4. Remove adjusting keys and wrenches.
5. Keep work area clean and dry.
6. Keep children away.
7. Never leave running machines/tools unattended.
8. Disconnect tools from service.
9. Use correct tools for the job.
10. Never force a tool.
11. Wear safety apparel.
12. Wear safety glasses/goggles.
13. Never stand or sit on tools.
14. Replace damaged components immediately.
15. Make sure your work platform is sufficiently sturdy to do the specific job at hand.
16. Properly anchor power tools to work stands.
17. Use correct blade for job being done.
18. Think Safety. Safety is a combination of operator awareness, common sense and alertness at all times.

22299 Hardware List Update

Please update 1/4"-20x5/8" hex bolt (D122) quantity to 8 (originally 12).
New part (4 only) 1/4-20x5/8" carriage bolt (D213) is for use when attaching wheel axle brackets to the frame in step 3.

Safety Instructions for Miter Saw Stands

1. Use caution when folding or unfolding legs to limit any finger pinch points.
2. Place stand on flat and level surface to keep tool from rocking or tipping.
3. Make certain that work support extensions are within safe operating limits, and are properly locked in place before using tool. **Do not exceed 500 lbs. on main frame table.**
4. Test the setup for stability before proceeding with work.
5. Be sure the miter saw is tightened securely at all mountings before use or folding the stand for transport.

Assembly Instructions

Read all assembly instructions completely before attempting assembly. See parts list on Page 2 for names and pictures of parts. Figure 1.

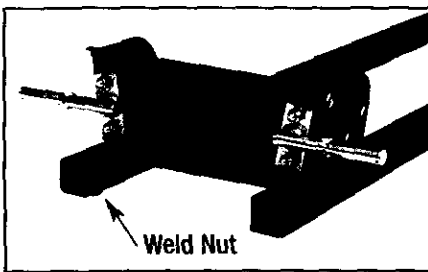


Figure 2

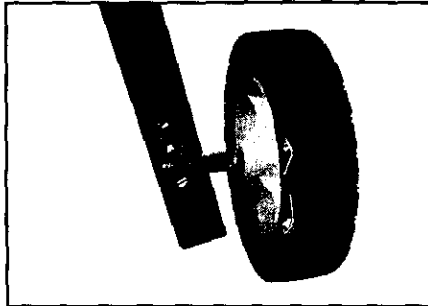


Figure 3

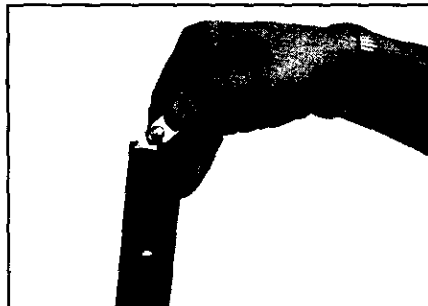


Figure 4

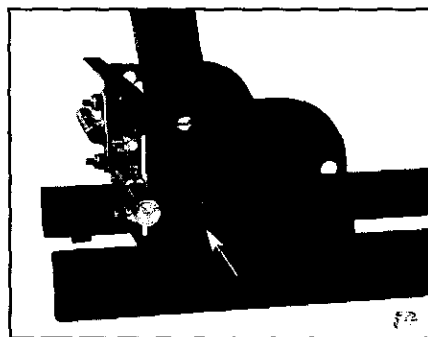


Figure 5

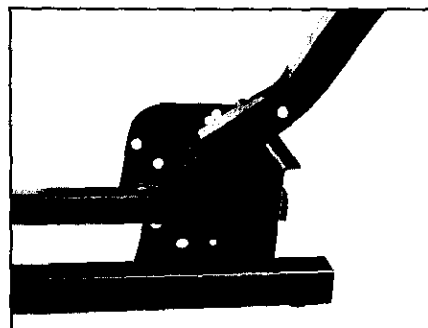


Figure 6

1. Identify all components and hardware.
2. Place top frame upside down on your workbench or work surface. Position so that the nuts welded to the top of the frame tubes will be positioned in the lower right and upper left when the frame is turned over for assembly. Figure 2.
3. Attach the wheel axle brackets to the left end of the frame. Note you will have a right and left bracket. When the mounting holes are aligned, the correct bracket will position the axle parallel to the work surface. Secure with 1/4"- 20 x 5/8" hex bolts from the inside of the frame, 1/4"- 20 Nylok nuts on the outside of the frame. Figure 2.

NOTE: For easy movement with the stand fully opened, attach the wheels to the outside of the lower legs as shown in Figure 3. If you choose this position, complete this portion of the assembly as your last step.

Use (2) 1/4"-20 x 1-3/4" hex bolts and (2) 1/4"-20 Nylok nuts per leg.

4. Install snap buttons into the top end of the straight legs. Carefully guide the snap buttons into position with a screw driver until it pops into the large through hole in the top of the legs. Straight legs will be installed on the **left** end of the frame. Figure 4.
5. Install snap buttons into the top of the curved legs. These will be oriented as left and right (front/back) during assembly. Curved top legs will be attached to the right end of the frame. Figure 1 shows the correct installation of the snap buttons and correct right/left orientation.
6. Attach the straight legs to the frame using (1) 1/4"- 20 x 2" carriage bolt, (1) 5/16" flat washer and (1) 1/4"- 20 Nylok nut per leg. Bolt will pass through the flat washer, then through the left hole in the frame plate closest to the frame tube, through the top hole in the leg and through the bracket on the inside of the frame. Secure with 1/4"- 20 Nylok nut. Figure 5.

Repeat this procedure for the leg directly opposite (back).

NOTE: Tighten the leg fasteners so the legs are stiff when folding or opening the stand.

7. Attach the left curved legs to the frame using (1) 1/4" - 20 x 2" carriage bolt, (1) 5/16" flat washer and (1) 1/4" - 20 Nylok nut per leg. Use the hole which is second from the right, closest to the frame tube to attach the leg. Pass the bolt through the flat washer, then through the hole in the outside of the frame, through the top hole in the leg, through the bracket on the inside of the frame, and secure with 1/4" - 20 Nylok nut. Figure 6 and 7.

Repeat this procedure for the right (back) leg.

8. Install 1-1/4" angled tube plugs into the bottom of all four legs. Plug angle will match the leg angle to allow the stand to sit flush on the floor.
9. Rotate both the right and left legs to be sure the spring plugs engage the holes in the frame plate in the extended and collapsed position. Fold the left legs down. Fold the right legs down. Be sure the right legs nest neatly over the left legs and lock in position for transport.
10. Return legs to extended positions. Carefully stand the assembly upright on the floor.
11. Thread 5/16" - 18 x 1/2" 3-point knobs into the weld nuts on the top of the frame tube. Install the outrigger support and secure in place with the 3-point knob.

12. Thread 5/16" - 18 x 1/2" 3-point knobs into the outrigger ends. Install support T's as shown, secure with 3-point knob. Figure 8.

13. Carefully review Figures 9, 10 and 11. Both the mounting hook and the clamp bracket are Right/Left specific. Begin by sliding (4) 1/4"-20 x 5/8" hex bolts into the small "T" slot on each aluminum extrusion.

14. Attach the mounting hook and clamp bracket to the extrusion using the 1/4"-20 hex bolts installed in Step 15 and (4) 1/4"-20 serrated flange nuts per extrusion. Thread 5/16"-18 x 1-1/2", 3-point knobs onto the clamp brackets as shown. Hand tighten only.

15. Slide (4) T-bolts into the large (top) slot on the aluminum extrusion. Space them to the approximate distance required to mount the saw. Figure 11.

16. Carefully lift the saw up and place onto the aluminum extrusion, passing the T-mounting bolts installed in Step 15 through the mounting holes in the base of the miter saw. Figure 12.

17. Secure the saw in place on the aluminum extrusion with (1) 5/16" flat washer, (1) 5/16" lock washer, and (1) 5/16" hex nut per T-mounting bolt. Hand tighten only.

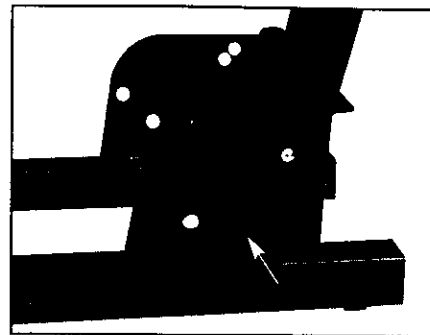


Figure 7

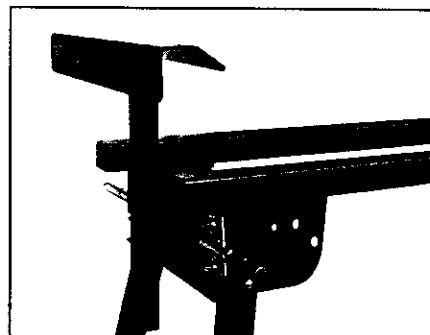


Figure 8

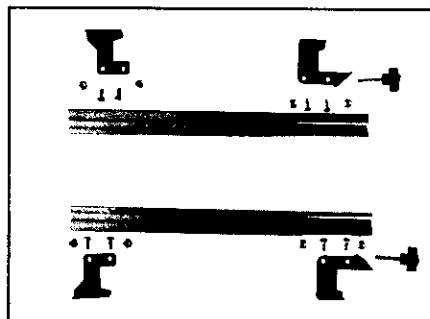


Figure 9

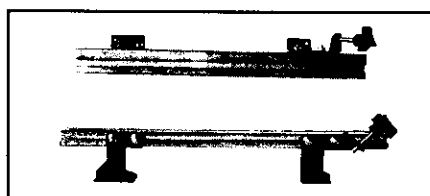


Figure 10

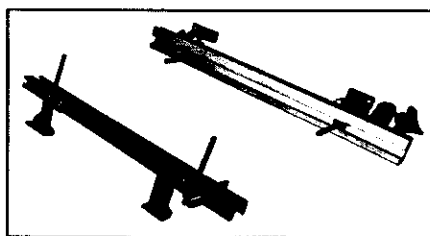


Figure 11

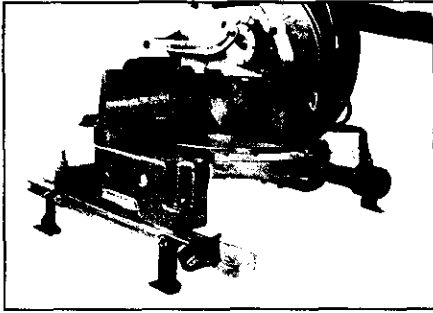


Figure 12

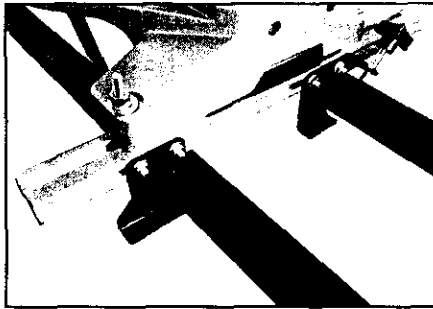


Figure 13



Figure 14

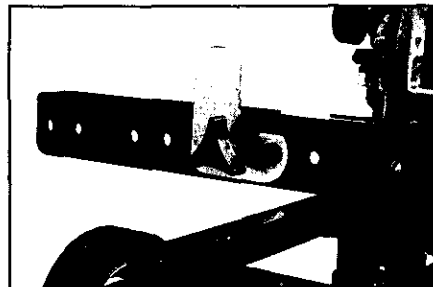


Figure 15

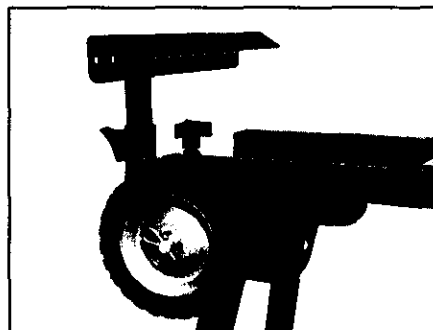


Figure 16

18. Carefully lift the saw with the attached extrusions and place onto the leg/frame assembly. Adjust the saw front/back along the extrusion to balance the saw on the frame. The mounting hook and clamp angle can also be adjusted to further balance the saw, and to equally space the mounting brackets along the extrusion.
19. Slide the mounting hook and clamp angle under the table top tube as shown in Figure 13. Tighten all the bracket fasteners and the saw mounting fasteners. The saw and extrusions can now be secured to the stand by tightening the 5/16"-18 x 1-1/2", 3-point knobs installed in Step 14.
20. Install the multi-stop onto right or left support T. Attach the multi-stop to the T with special shoulder bolt, passed through the round hole in the multi-stop, through the round hole in the support T and into the threaded mounting plate positioned on the inside of the T. Align the mounting plate with an adjacent hole in the support T and install a 5/16"-18 x 1/2" 3-point knob to hold the multi-stop in place. Figure 14 and 15.

The multi-stop can be used on the right or left support T. It may also be positioned anywhere along the length of the T. Use as a bump stop for repetitive cuts or as a fence style stop for squaring material to the blade.
21. Install the wheels onto the axle brackets with the integrated spacer facing towards the center of the stand. Secure with the latch pin, passed through the hole in the axle bracket. Figure 16.

Set-up / Knockdown Procedure

1. Be sure the saw is positioned to the extreme left on the frame and securely tightened.
2. Starting with the legs at the wheel end (left), depress the snap buttons to release the legs.
3. Carefully walk the frame and saw down to the floor while allowing the legs to fold under. Once resting on the floor, the legs can be completely folded to engage the snap buttons. Figure 17.
4. Carefully stand the unit up onto the wheeled end.
5. Depress the snap buttons on the remaining 2 legs. Fold the legs down until they nest neatly under the frame and the snap buttons engage the frame. Figure 18.

The stand is now ready to roll. Reverse the procedure to set the stand up for use. Figure 19.

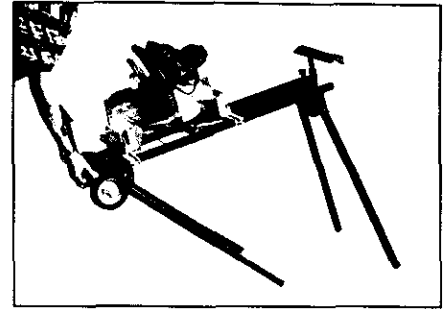


Figure 17

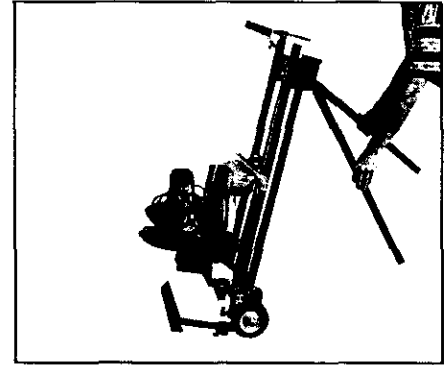


Figure 18

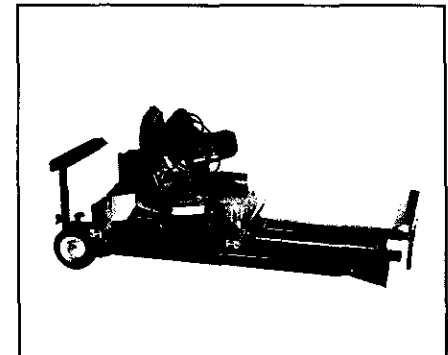


Figure 19

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