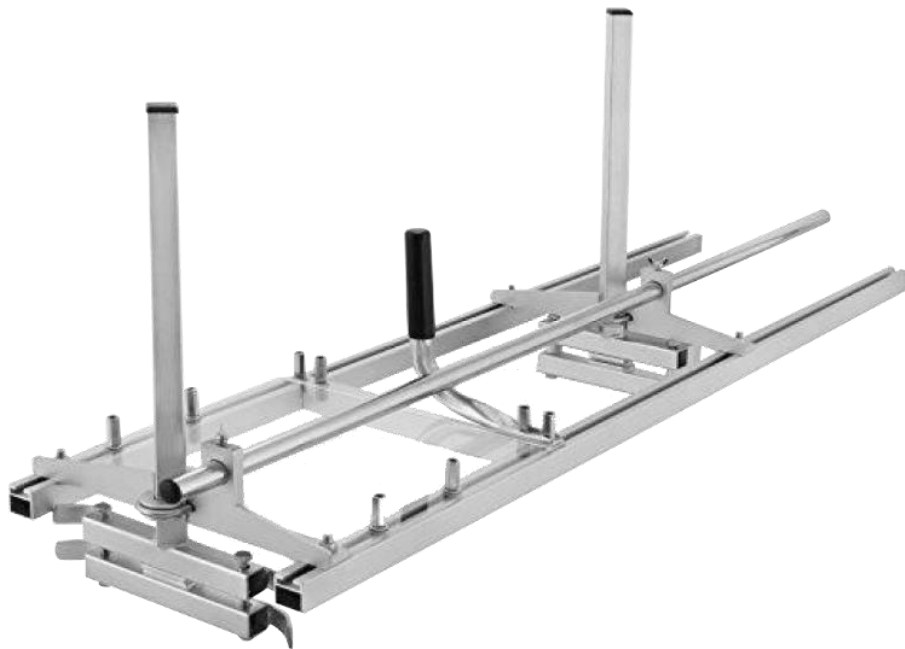


# BENCHMARK<sup>TM</sup> MC

## 36" CHAINSAW MILL 5241-100



5 Year Limited Warranty

**READ ALL INSTRUCTIONS BEFORE FIRST USE.  
KEEP THIS MANUAL FOR FUTURE REFERENCE.  
KEEP AWAY FROM CHILDREN.**



**WEAR CSA APPROVED  
EYE PROTECTION**



**WEAR EAR  
PROTECTION**



**WEAR A FACE  
MASK**

## PRODUCT SPECIFICATIONS

CHAINSAW MILL	
SIZE	36"
FITS	Chainsaw bars 14 " to 36"
Log Diameter	33in.
THICKNESS	Cut planks from 0.20" to 11.81" thick
WEIGHT	14.55 LBS (6.6KG.)

### NEED ASSISTANCE?

Call us on our toll- free customer support line:

1-866-349-8665 (Monday through Friday 9am – 5pm Eastern Standard Time)

- Technical questions
- Replacement parts
- Parts missing from package.

## INTENDED USE

Mill your own lumber at home or in the woods. This Benchmark chainsaw mill is made of aluminum and chrome-plated steel, making it rust and wear-proof for long-term use. It's lightweight and portable, allowing you to start your woodworking anywhere. The chainsaw mill features a solid structure to ensure your chainsaw slides smoothly and steadily. It also features a non-slip handle for a firm grip.

## GENERAL SAFETY RULES

**⚠ Warning:** Follow power tool manufacture's operating and safety instructions when using this product with power tools.

**⚠ WARNING:** Read and understand all instructions. Failure to follow all instructions listed below may result in serious injury

**⚠ CAUTION:** Do not allow persons to assemble this chainsaw mill until they have read this manual and have developed a thorough understanding of how the chainsaw mill works.

**⚠ WARNING:** The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions or situations that could occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

## SAVE THESE INSTRUCTIONS

### WORK AREA

- Keep work area clean, free of clutter, and well lit. Cluttered and dark work areas can cause accidents.
- Keep children and bystanders away while operating a chainsaw mill. Distractions can cause you to lose control, so visitors should remain at a safe distance from the work area.
- Be alert of your surroundings. Using a chainsaw mill in confined work areas may put you dangerously close to sharp tools and rotating parts.

### PERSONAL SAFETY

- Stay alert, watch what you are doing, and use common sense when using a chainsaw mill.  
\*Do not use a portable chainsaw mill while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating a chainsaw mill may result in serious personal injury.
- Dress properly. Do not wear loose clothing, dangling objects, or jewellery. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewellery, or long hair can be caught in moving parts.
- Use safety apparel and equipment. Use safety goggles or safety glasses with side shields that comply with current national standards or, when needed, a face shield. Use a dust mask if working in dusty work conditions. This applies to all persons in the work area. Also use non-skid, safety shoes, hard hats, gloves, dust collection systems, and hearing protection when appropriate. Safety logging chaps should be worn at all times while using the chainsaw mill.

### CHAINSAW MILL USE AND CARE

- Do not modify the chainsaw mill in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the equipment. There are specific applications for which the chainsaw mill was designed.
- Always check for damaged or worn-out parts before using the chainsaw mill. Broken parts will affect the portable chainsaw mill operation. Replace or repair damaged or worn parts immediately.
- Do not exceed the chainsaw mill load capacity.
- Use the chainsaw mill on flat and level surfaces capable of supporting the chainsaw mill and its maximum load. Pulling or pushing a load on a slanted or uneven surface can result in loss of control.
- When the chainsaw mill is not in use, store it in a secure place out of the reach of children. Inspect it for good working condition prior to storage and before re-use.

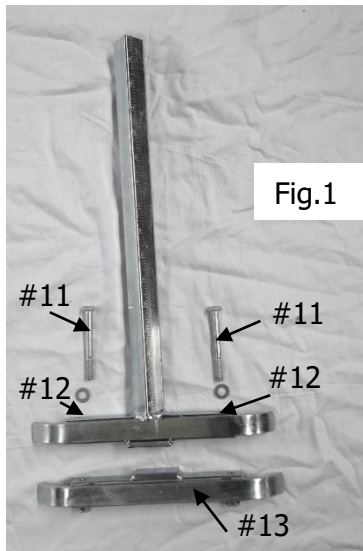
## ASSEMBLY

Refer to KEY#'s IN "PARTS INCLUDED LIST" on page #8

**⚠ CAUTION:** When lifting logs ALWAYS use CAUTION as logs can fall or drop. Heavy logs can cause injury to feet, legs, and hands. ALWAYS wear protective clothing including steel toe boots, leather gloves, leg, and arm protection.

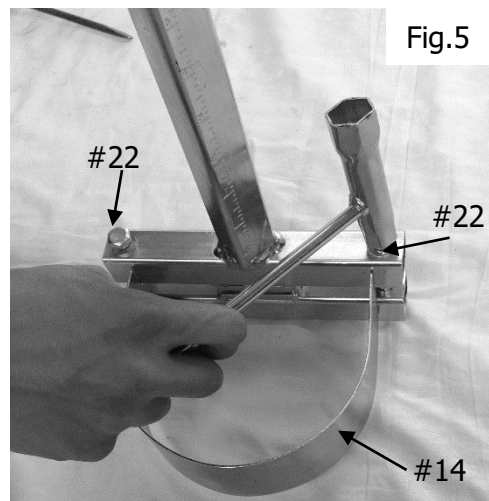
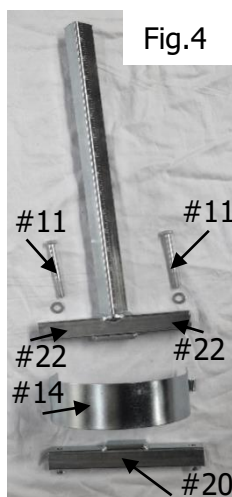
### Step1 (Fig.1 ~ 3)

Insert two M8×75 bolts (KEY#11 ) through adjustment post (KEY#12) and into clamping bracket (make sure the side of the adjustment post with measurements on it is facing away from you when assembling ) (KEY#13) engaging nuts on bottom of clamping bracket. Leave loose so there is a gap for the saw bar!



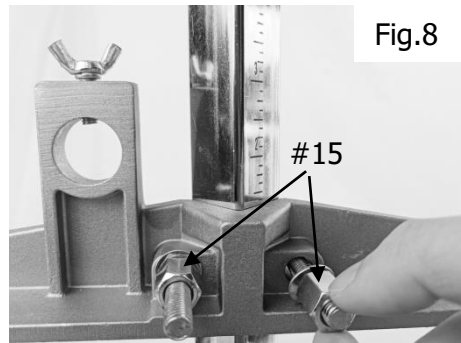
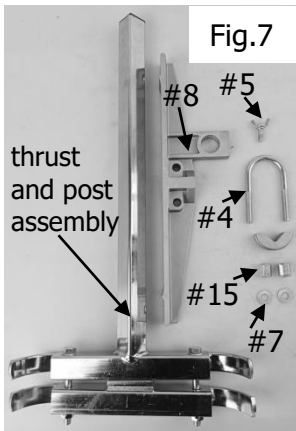
### Step2 (Fig.4 ~ 6)

Insert two M8×75 bolts (KEY#11 ) through adjustment post (KEY#22), Slide bolts through nose guard (KEY# 14) and through clamping bracket (KEY#20). Start hex head bolts (KEY#11) into nuts on bottom of bracket. Leave loose so there is a gap for mounting chainsaw bar!



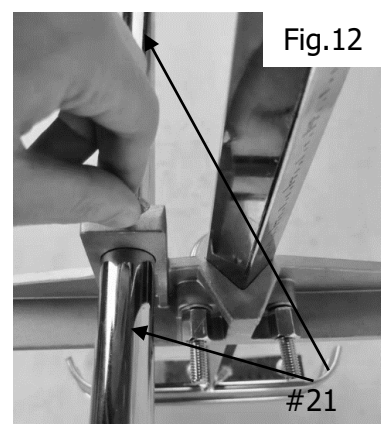
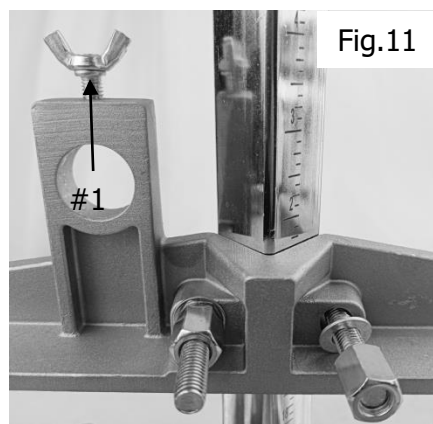
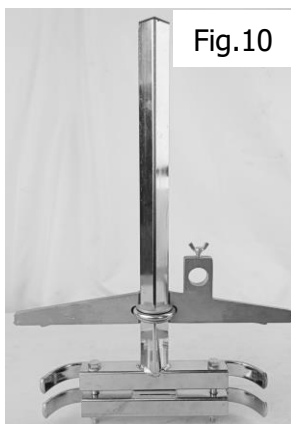
### Step3 (Fig.7 ~ 9)

Attach thrust and post assembly and end bracket (KEY#8) using U-clamp (KEY#4) post clamp (KEY#5) two flat washer (KEY#7), and coupling nuts (KEY#15)



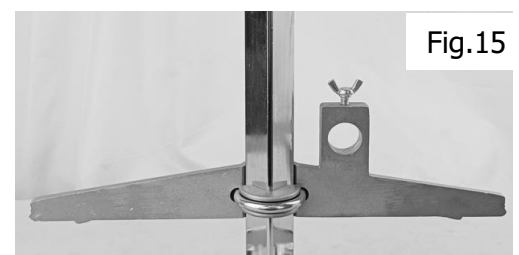
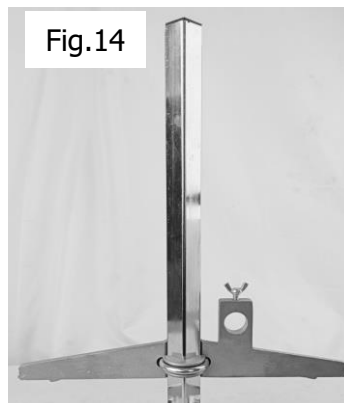
### Step4 (Fig.10 ~ 12)

Secure handle assembly (KEY#21) at thrust end flush with end bracket by using butterfly screw (KEY#1)



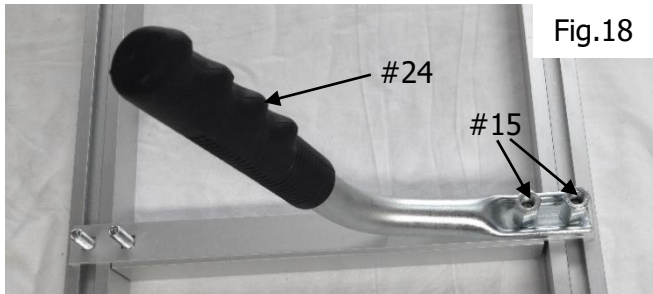
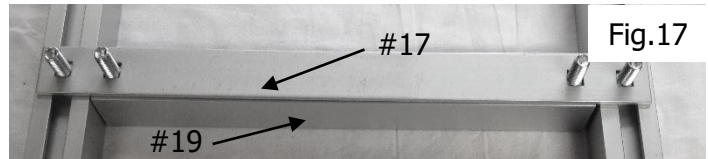
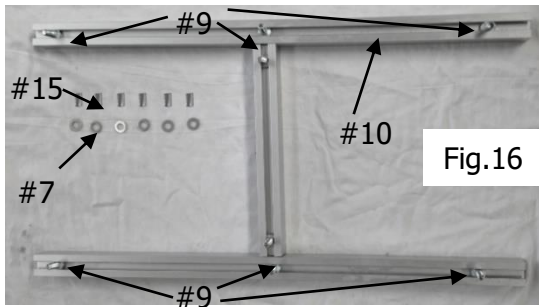
### Step5 (Fig.13 ~ 15)

The same applies to the nose end but do not tighten nut (same Step3 and Step 4)



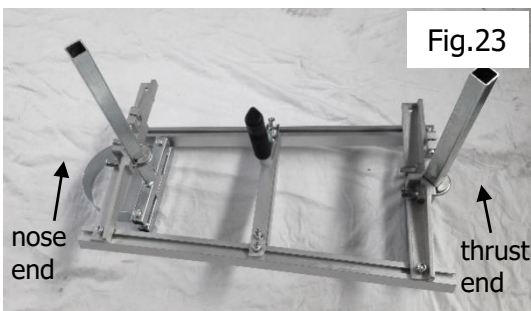
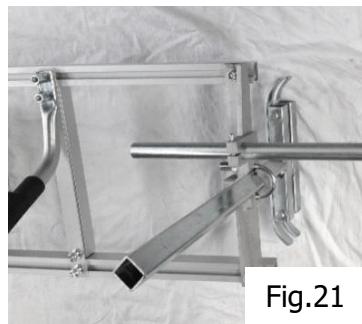
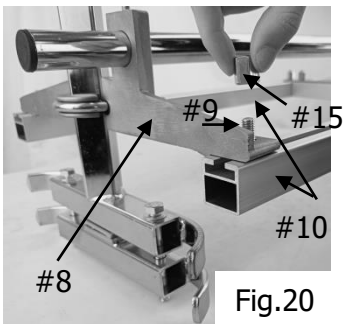
## Step 6 (Fig.16 ~ 19)

Attach tie bar (KEY#17) and grip (KEY#24) to on-off bar (KEY# 19) using carriage bolts (KEY# 9) ,lock washer and one coupling nut (KEY# #15) .Then attach unit to thickness rails (KEY#10) using two bolts (KEY#9), flat washer and nuts (KEY#15) Attach shield to the long rails(10#) using four bolts (KEY#9),washers (KEY#7) ,and nuts (KEY#15)



## Step 7 (Fig.20 ~ 22)

Attach end bracket (KEY#8) to thickness rails (KEY#10) using carriage bolts (KEY#9) flat washer and hex nut (KEY#15). Tighten hex nuts, finger tight only. Attach 2nd end bracket (KEY#8) to thickness rail (KEY#10) .Using two bolt (KEY#9),washer and nuts (KEY#15) . Now tighten hex nuts. Be sure the end brackets are flush with thickness rails.



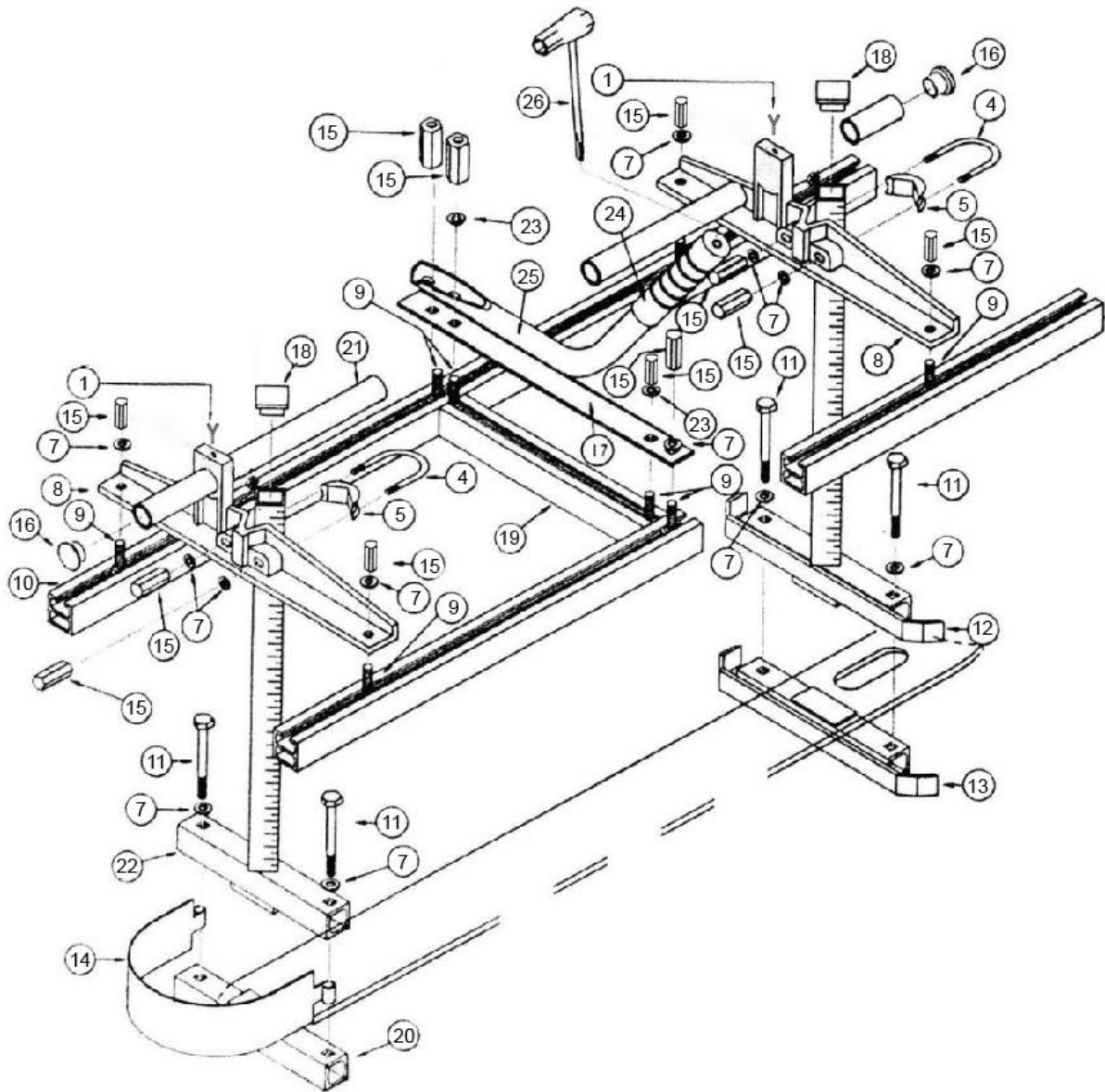
**⚠ WARNING: NEVER assemble or dismantle any part of the chainsaw mill while the chainsaw is running! Be extremely careful of the chainsaw chain while the chainsaw is running. Be careful around chainsaw chain as the edges are sharp.**

## SETTING UP THE CHAINSAW MILL

- Slide the sliding clamp assembly (adjustable post) to the approximate position to match the length of the chainsaw bar.
- Loosen the clamping brackets.
- Slide the nose of the chainsaw bar (with chainsaw handle facing up) between the clamping brackets of the “thrust end” and on through to the clamping brackets of the “nose end.”
- Slide bar through thrust end until the saw is within 1 inch of the back of the nose guard.
- Center clamping brackets on bar and tighten bolts.
- Adjust the clamp on the nose end of the mill so that the nose guard misses the end of the chain, and the clamping bracket is not contacting the sprocket in the nose of the bar.
- Ensure clamping brackets are centered on the saw bar and tighten bolts.
- Ensure all nuts and bolts are sufficiently tightened.



## EXPLODED VIEW





## PARTS INCLUDED LIST

**WARNING!** When servicing, use only original equipment replacement parts. The use of any other parts may create a safety hazard or cause damage to the tool. Any attempt to repair or replace electrical parts on this tool may create a safety hazard unless repairs are performed by a qualified technician. For more information, call the Toll-free Helpline, at 1-866-349-8665.

Key#	Part #	Part Name	Qty
1	5241-100-001	BUTTERFLY SCREWS	2
4	5241-100-004	U-CLAMP.5/16-18	2
5	5241-100-005	POST CLAMP	2
7	5241-100-007	FLAT WASHER.5/16	16
8	5241-100-008	END BRACKET	2
9	5241-100-009	CRG BOLT 5/16-18X3/4	8
10	5241-100-010	THICKNESS RAIL	2
11	5241-100-011	HEX BOLT5/16-18X3-1/2	4
12	5241-100-012	ADJ.POST/THRUST END	1
13	5241-100-013	CLMP BRKT/THRUST END	1
14	5241-100-014	NOSE GUARD	1
15	5241-100-015	COUPLING NUT5/16-16	12
16	5241-100-016	END CAP/HANDLE	2
17	5241-100-017	TIE BAR	1
18	5241-100-018	END CAP/RISER POST	2
19	5241-100-019	ON-OFF GUIDE BAR	1
20	5241-100-020	CLMP.BRKT/NOSE END	1
21	5241-100-021	HANDLE ASSEMBLY	1
22	5241-100-022	ADJ.POST/NOSE END	1
23	5241-100-023	LOCK WASHER	2
24	5241-100-024	GRIP	1
25	5241-100-025	HANDLE	1
26	5241-100-026	WRENCH	1

## **WARRANTY**

### **BENCHMARK CHAINSAW MILL**

If this Benchmark tool fails due to a defect in material or workmanship within five years from the date of purchase, return it to any Home Hardware store with the original bill of sale for exchange. This warranty does not include expendable parts including but not limited to blades, brushes, belts, light bulbs.

This warranty covers defects in material or workmanship only. It does not cover normal wear and tear, failure due to abuse/misuse, or defects caused by careless or accidental mishandling. If this Benchmark product is used for commercial or rental purposes, this warranty does not apply.

# 36" CHAINSAW MILL



**BENCHMARK™**

**BENCHMARK TOOLS CANADA**

ST. JACOBS, ONTARIO N0B 2N0

© 2023 Home Hardware Stores Limited

**CUSTOMER SERVICE/TECH SUPPORT**

1-866-349-8665

**5241-100**

Made in China



\* This Benchmark™ product carries a five (5) year LIMITED warranty against defects in workmanship and materials.

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