

# **PORTABLE MODEL TNT MONARCH\* UNI-POINT RADIAL SAW**

**PRICE LIST No. 50-RT**

December 14, 1950



**MODEL TNT WITH CARRYING FRAME**

**AMERICAN SAW MILL MACHINERY CO.**

**HACKETTSTOWN • NEW JERSEY**

*\*Trademark Reg. U. S. Pat. Off.*

# PORTABLE MONARCH UNI-POINT RADIAL SAW

## Specifications

The portable Monarch Uni-Point radial saw, Model TNT, complete with wooden table top and aluminum carrying frame, can be mounted as follows: 1) on your table or job site work bench; or; 2) on a steel cabinet base for installation in a shop.

Many customers like to have both the cabinet base and the carrying frame, as it only requires a few minutes to remove the unit from the base when it is desired to carry the machine from job site to job site.

**MACHINE PARTS:** Nearly all machine parts are tough, lightweight, non-rusting, heat-treated magnesium. The few exposed steel parts are chromium plated. The telescoping ram and ball bearing rollers are hardened steel for long life.

**ENGINEERING:** Embodying the already famous Uni-Point principle, this lightweight model, also, is designed so the saw blade always passes through the guide fence at exactly the same point on the table regardless of how set for a bevel, miter or compound miter cross-cut angle. Another exclusive engineering feature is the yoke assembly, inside the housing, in which self-aligning ball bearing rollers are maintained rigidly against the bearing ways in "V" formation, preventing vertical or side motion and assuring absolute accuracy and smooth finger-touch operation.

**TABLE TOP:** Consists of a hard wood, chemically impregnated, for protection against warping. Four bolts permit leveling of table or quick removal of table from frame for passage through 30" doorway.

**CARRYING FRAME:** Aluminum, rigidly constructed, with easy-to-grip handles which hang down out of the way when not in use.

**CABINET BASE:** Sheet metal, rigidly constructed with front hinged door for storage of saws, tools and various accessories.

**MOTOR:** 1½ h.p. ventilated single phase dual voltage 115/230 volts; or ventilated, 3 phase 220 volt; or 3 h.p. 3 phase 220/440 volt special enclosed; all 60 cycle. Ventilating 3 phase 440 volt can be obtained on special order. Speed 3450 r.p.m., arbor ¾" diameter. (Facilities for change-over from 115 to 230 volts single phase or vice versa can be made by merely removing a small connector, and substituting two others in a special designed small box on the motor.)

**SWITCH:** Built-in toggle switch with auxiliary automatic circuit breaker as protection against overload is supplied with 1½ h.p. motors; standard across-the-line switch with 3 h.p. motors.

**CAPACITY:** Cross cut 3" deep, 16" wide, ripping 20½" wide. Even greater capacity may be obtained with self made auxiliary table when the guide fence is moved back.

**WEIGHT:** Lightest 12" radial saw in world; net weight: without carrying frame, 199 lbs.; with carrying frame, 218 lbs.; with cabinet base, 297 lbs. Shipping weights with carrying frame, 350 lbs.; with cabinet base, 460 lbs.

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# Portable Monarch Uni-Point Radial Saw

MODEL  TNT		Complete machine with wooden table top mounted on aluminum carrying frame, saw guard with special anti kick-back and fitted with 1½ or 3 h.p. motor*, as described below, wired to standard switch, (no saw blade). Net weight 218 lbs.					
		M A S T E R VENTILATED MOTORS					
		Single Phase 115/230 Dual Voltage 60 Cycle A. C.			3 Phase 220 or 440 Volt 60 Cycle A. C.		
		Volts	Price	Code	Volts	Price	Code
Power	Saw Size	{ 115 230	\$485.00 485.00	lauvq lauwr	{ 220 440	\$485.00 485.00	lauxs lauyt
1½	12"						
		S T A R SPECIAL ENCLOSED MOTOR					
3	14"	(single phase not available)			{ 220 440	\$565.00 565.00	lauzu lavem

NOTE: Magnetic Switch for 3 h.p. Star motor, extra ..... \$20.00

\*Master Motors are ventilated type, continuous duty 40° C; single phase motors are dual voltage and can be wired either 115 or 230 volts; 3 phase motors are 220 volts but 440 volts can be purchased on special order if desired. Full load speed of all motors 3450 r.p.m.

**IMPORTANT:** To those purchasers desiring a portable model with carrying frame for various job site locations and desiring electrical facilities for rapid motor change to 115 volts or 230 volts, a special motor wiring arrangement and chart showing how to change connectors is attached to the motor with every machine. This arrangement for easy change of voltage can be used only on single phase motors. The machine may be purchased with both the carrying frame and cabinet base. The hold down bolts are matched so that mounting machine on cabinet base is quickly accomplished.

Steel Cabinet Base for Model TNT, weight 79 lbs. add extra (code lavai) ..... \$40.00

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## MODEL TNT

### ADDITIONAL EQUIPMENT

12" diameter combination rip-and-cross cut saw, each.....	\$ 8.52
12" diameter rip saw, each.....	8.52
12" diameter cross cut saw, each.....	8.52
12" hollow ground planer saw, each .....	14.72
Two rolling tables, each section 8' 10" long, 17½" wide, seven rolls, for attachment to both sides of Uni-Point table giving 10' each side of blade, with legs.....	120.00
Graduated gauge 10' long with six stops left side, plain 10' fence other side for above tables. (If graduation should be right side and plain fence left side, specify accordingly) .....	75.00
Graduated gauge with six stops left side only.....	60.00
Additional stops each.....	3.85
Ball bearing lumber rolls, 10' section, seven rolls, no legs, each section.....	35.00
Ball bearing lumber rolls, 5' section, three rolls, no legs, each section.....	18.00
Schmidt lock-edge collar shaper head consisting of two collars 3" in diameter to accommodate two serrated knives, sleeve 4½" long for screwing assembly over ¾" arbor, with special arbor nut and one pair of straight edge knives.....	65.00
Combination mandrel extension and router bit adapter, 1¼" diameter with nut, for dado heads up to 2" wide and router bits .....	17.00
Router bits, left hand, ½" shank, in sizes 3/16", ¼", 5/16", ¾", 7/16" and ½", each.....	2.32
Router bits, left hand, ½" shank, size ¾", each.....	3.10
Router bits, left hand, ½" shank, size ¾", each.....	3.74
Router bits, left hand, ½" shank, size ¾", each.....	4.38
Router bits, left hand, ½" shank, size 1", each.....	5.03
Regular 12" guard.....	35.00
Special safety undercarriage for 12" guard, which attached to standard guard, covers all saw teeth all the time, extra .....	22.00
Rafter notch cutter head with 4 corrugated safety knives, cutting diameter 5¼", knives 2" wide at cutting edge and 3/16" thick with filling collar.....	70.00
Special guard for dado heads 10" diameter and 2" wide .....	39.00
Special guard for notch cutter .....	39.00

### ADJUSTABLE GROOVING OR DADO HEADS

List Prices and Specifications of Complete Heads

Set No.	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Set Size	1/8" to 3/8" by 8ths	1/8" to 5/8" by 8ths	1/8" to 13/16" by 16ths	1/8" to 1 1/16" by 16ths	1/8" to 1 9/16" by 16ths	1/8" to 2 1/16" by 16ths
No. Out-side Saws	2	2	2	2	2	2
No. Fillers						
1/16"	—	—	1	1	1	1
1/8"	1	1	2	2	2	2
1/4"	—	1	1	2	4	6
8"	\$23.83	\$28.08	\$33.44	\$37.69	\$46.30	\$54.79
9"	26.46	31.03	36.90	41.47	50.54	59.62
10"	30.46	35.28	41.69	46.51*	56.16	65.77
11"	34.74	39.85	46.76	51.91	61.99	72.22
12"	40.36	45.97	53.50	59.11	70.34	81.58

\*Standard size, all purpose, dado head in stock.

Other sizes require special ordering.

All prices F.O.B. factory. All prices and specifications are subject to change without notice. Standard terms are net 30 days. All shipments will be made straight railroad freight, standard classification, unless otherwise specified by purchaser.

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