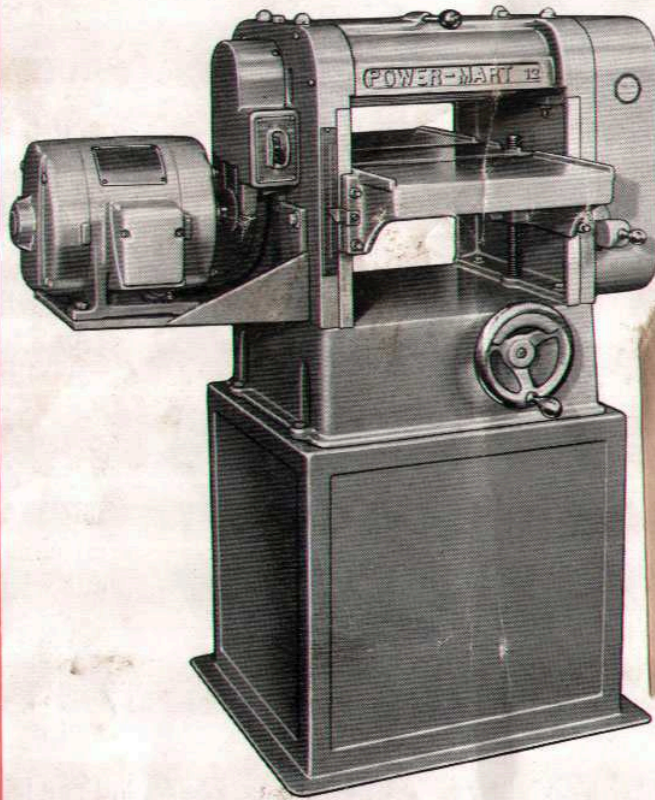
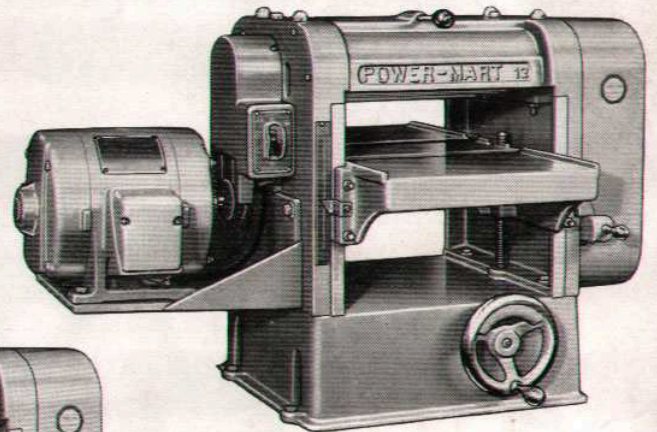


# POWER-MART "12"

## THICKNESS PLANER

12½" x 6" CAPACITY

TABLE MODEL



FLOOR MODEL

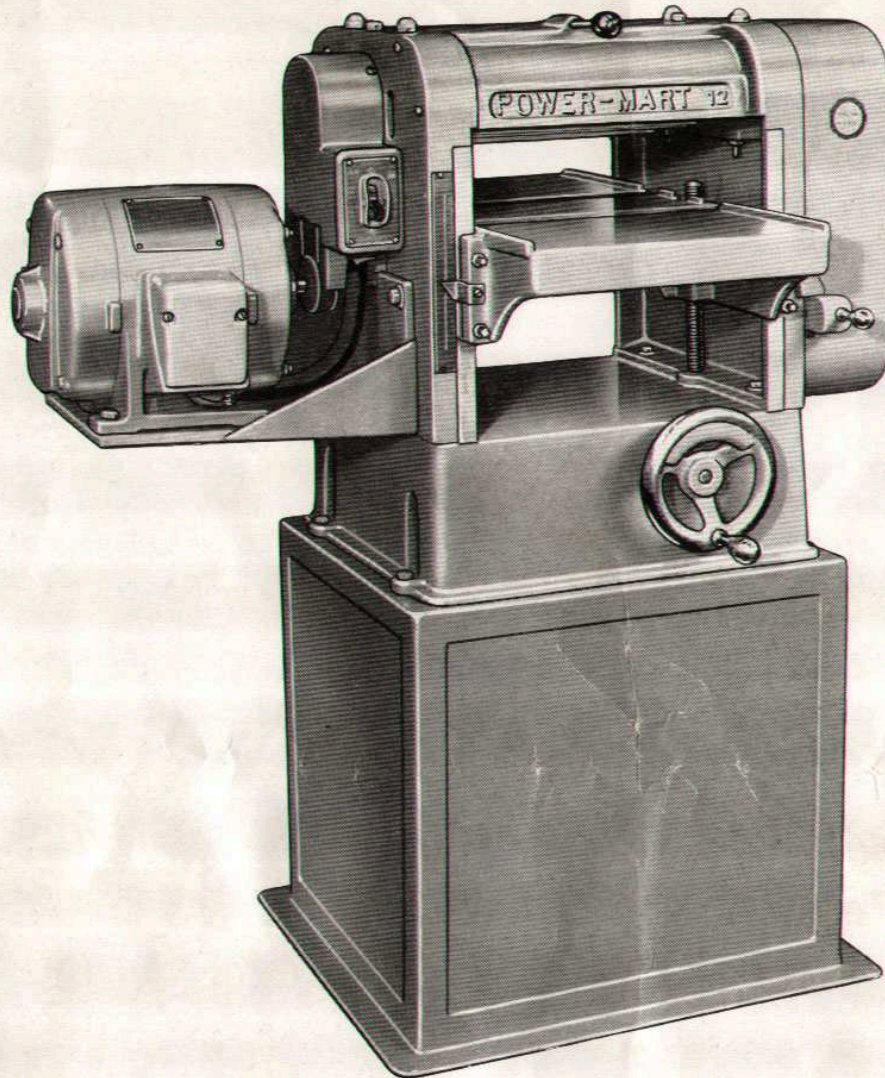
AVIATION  
59 BAKER ST., N. W.  
ATLANTA, GA.  
AVIATION SUPPLY CORP.  
59 BAKER ST., N. W.  
ATLANTA, GA.

MFD. BY

### TENN.-ACME MACHINE Co.

McMINNVILLE, TENNESSEE

# COMPARE ALL THE ADVANTAGES OF OWNING A



FLOOR MODEL

**EXCLUSIVE ENGINEERING** and engineered by the former machinery. Twenty-five years into the many extra features

**PRECISION CONSTRUCTION** service. The following are just

- (1) RIGID CONSTRUCTION
- (2) Eight machined surfaces head alignment at all times
- (3) Precision ground finish of
- (4) TWO STYLES—Available
- (5) Extra capacity—12½" x
- (6) OPEN MOUNTING OF accumulation.

**FULLY ADJUSTABLE:** Feeders, Pressure Bar and Chipbr which are necessary for obtaining results.

**INCREASED CAPACITY:** 12½" wide by 6" in thickness, that will meet 95% of the need pay 2 to 3 times as much for very little more capacity.

**MINIMUM POWER REQUIRED** 7/16" diameter cutterhead with ER-MART "12" is equipped of efficiency in its ability of plan cut with the minimum of power can be obtained with 1 and compared to machines fitted with to ¾" larger diameter and power motor.

**ALIMITE LUBRICATION:** Don't be misled by claims of "sealed for life" bearings. Past experience of similar machines have proven it un-wise to guarantee positive sealing of planer cutter subjected to excessive and varying shock loads. The POWER-MART "12" is equipped with ball bearings but also arranged for positive alemite lubrication.

**GUARANTEED QUALITY:** GUARANTEED AGAINST DEFECTIVE MATERIALS AND

**COMPARE CAPACITY — COMPARE QUALITY — YET!**

# A POWER-MART "12" THICKNESS PLANER!

**RING** THE POWER-MART "12" (12½" x 6") Thickness Planer has been personally designed by the inventor and manufacturer of a prominent line of Thickness Planers and Woodworking Machines of Machine Designing plus Twenty-five years of Manufacturing has all been incorporated into the new POWER-MART "12" PLANER.

**ATTENTION:** The purchaser of a POWER-MART "12" Planer is assured of a lifetime of precision work just a few of the precision assembly features which spell out the quality of this machine.

**CONSTRUCTION!** Extra heavy fully machined cast iron frame and bed.

Rollers on table ways fitted to eight machine surfaces on frame assure perfect table and cutterhead times.

Adjustment of cutterhead, feed rollers and idler rollers to permit micromatic adjustment.

Available as a table model or floor model.

12" x 6"

**NO MOTOR!** Accessibility—easy installation plus minimizing fire hazard from dust and chip

Feed Rollers, Idle Roller, Chipbreaker. Adjustments for obtaining the best planer

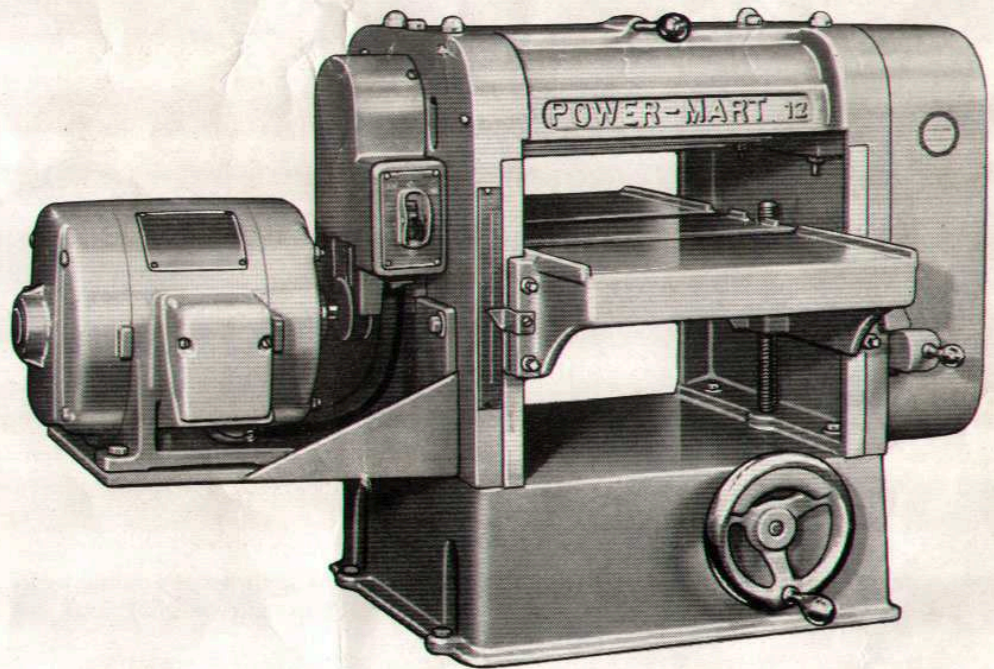
**KEY:** Will plane material of any thickness. Here is a machine that meets the needs of all users. Why not own a machine which offers

**REQUIREMENTS:** The 2½ H.P. motor with which the POWER-MART "12" offers the maximum in planing a ¼" depth of cut per pass. Equal efficiency and 1½ H.P. motors as well as equipped with cutterheads ½" diameter and powered with a 2 H.P.

experience in the manufacture of cutter-head bearings if you desire with sealed and shielded

**TOP WORKMANSHIP.**

TABLE MODEL



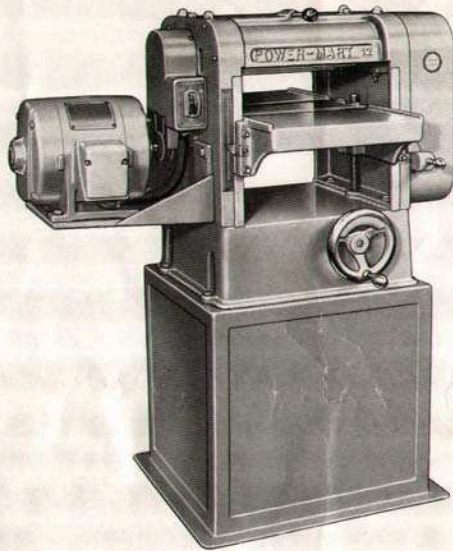
**IT! "THE LOWEST PRICED MACHINE IN ITS FIELD"**

# GENERAL SPECIFICATIONS

- FRAME:** Complete cast iron throughout. Fully machined and perfectly aligned.
- BED:** One piece machined cast iron. Fitted with two idler rollers 1 $\frac{1}{4}$ " diameter. Bed size 24 $\frac{1}{4}$ " x 12 $\frac{1}{2}$ ". Raises and lowers on large acme screws mounted in thrust bearings. Fitted with adjustable shims in table ways to prevent looseness and chatter. Idler rollers have precision ground finish.
- CUTTERHEAD:** Three knife round safety type. 2-7/16" diameter. Mounted in oversized New Departure ball bearings. Bearings are sealed and shielded type but also arranged for Alemite lubrication. Fitted with three H.S. knives 12 $\frac{1}{2}$ " x  $\frac{3}{4}$ " x  $\frac{1}{8}$ ". Cutterhead revolves 4300 RPM.
- CHIPBREAKER:** Solid one piece adjustable. Extra heavy and very close fitting.
- PRESSURE BAR:** Mounted in machined ways against adjustable spring tension. **ADJUSTABLE WHILE MACHINE IS OPERATING!**
- FEED ROLLERS:** Consists of a corrugated infeed roller and smooth outfeed roller 1- $\frac{3}{4}$ " diameter. Both rollers are ground to precision finish. Individual spring pressure adjustment for both rollers. Powered through "V" belts from cutterhead to oversized cut gears. Feed control lever permits stopping feed rollers without stopping power.
- RATE OF FEED:** 18 ft. per minute with cutterhead turning 4300 RPM. Feed speed can be increased to any desired speed up to 60 ft. per minute by changing size of one sheave.
- CAPACITY:**
- |                      |       |                    |
|----------------------|-------|--------------------|
| Thickest stock       | ----- | 6" plus            |
| Thinnest             | ----- | 1/16"              |
| Widest               | ----- | 12 $\frac{1}{2}$ " |
| Shortest             | ----- | 6"                 |
| Maximum depth of cut | ----- | $\frac{1}{4}$ "    |
| Cuts per inch        | ----- | 60                 |
- GUARDS:** Completely guarded over all moving parts.
- POWER REQUIREMENTS:** 1 or 1 $\frac{1}{2}$  H.P. for general service.  
2 or 3 H.P. for rough production planning.
- OVERALL DIMENSIONS:** TABLE MODEL, less motor . . 23" wide, 24 $\frac{1}{2}$ " deep, 22" high.  
FLOOR MODEL, mounted on steel floor stand and equipped with 2 H.P. motor . . 34" wide, 24 $\frac{1}{2}$ " deep, 40" high.  
Floor space required . . . . . 21 $\frac{1}{2}$ " x 19"
- WEIGHT:** TABLE MODEL, less motor . . . . . 300 lbs.  
FLOOR MODEL equipped with 2 H.P. motor . . . . . 400 lbs.  
(actual weight—not shipping weight)
- STANDARD EQUIPMENT:** All machines are furnished with 2 groove cutterhead drive sheave, motor mount and belt guard, and one set of H.S. knives.
- OPTIONAL EQUIPMENT:** Steel Floor stand (see Floor Model). Factory equipped with motors complete as pictured and ready for operation.

DISTRIBUTED BY

## COMPARE ALL THE ADVANTAGES OF OWNING A POWER-MART "12" THICKNESS PLANER!



FLOOR MODEL

**EXCLUSIVE ENGINEERING!** THE POWER-MART "12" ( $12\frac{1}{2}$ " x 6") Thickness Planer has been personally designed and engineered by the former owner and manufacturer of a prominent line of Thickness Planers and Woodworking Machinery. Twenty-five years of Machine Designing plus Twenty-five years of Manufacturing has all been incorporated into the many extra features now offered in the new POWER-MART "12" PLANER.

**PRECISION CONSTRUCTION:** The purchaser of a POWER-MART "12" Planer is assured of a lifetime of precision service. The following are just a few of the precision assembly features which spell out the quality of this machine.

- (1) **RIGID CONSTRUCTION!** Extra heavy fully machined cast iron frame and bed.
- (2) Eight machined surfaces on table ways fitted to eight machine surfaces on frame assure perfect table and cutter-head alignment at all times.
- (3) Precision ground finish of cutterhead, feed rollers and idler rollers to permit micromatic adjustment.
- (4) **TWO STYLES**—Available as a table model or floor model.
- (5) Extra capacity— $12\frac{1}{2}$ " x 6"
- (6) **OPEN MOUNTING OF MOTOR!** Accessibility—easy installation plus minimizing fire hazard from dust and chip accumulation.

**FULLY ADJUSTABLE:** Feed Rollers, Idle Rollers, Pressure Bar and Chipbreaker. Adjustments which are necessary for obtaining the best planing results.

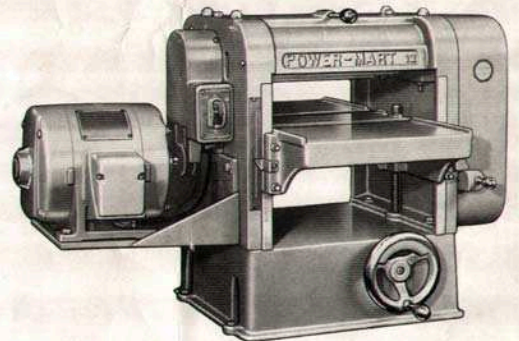
**INCREASED CAPACITY:** Plane material  $12\frac{1}{2}$ " wide by 6" in thickness. Here is a machine that will meet 95% of the needs of all users. Why pay 2 to 3 times as much for machines which offer very little more capacity.

**MINIMUM POWER REQUIREMENTS:** The 2-7/16" diameter cutterhead with which the POWER-MART "12" is equipped offers the maximum in efficiency in its ability of planing a  $\frac{1}{4}$ " depth of cut with the minimum of power. Equal efficiency can be obtained with 1 and  $1\frac{1}{2}$  H.P. motors as compared to machines fitted with cutterheads  $\frac{1}{2}$ " to  $\frac{3}{4}$ " larger diameter and powered with a 2 H.P. motor.

**ALMITE LUBRICATION:** Don't be misled by claims of "sealed for life" bearings. Past experience in the manufacturing of similar machines have proven it un-wise to guarantee positive sealing of planer cutter-head bearings if subjected to excessive and varying shock loads. The POWER-MART "12" is equipped with sealed and shielded ball bearings but also arranged for positive alemite lubrication.

**GUARANTEED QUALITY:** GUARANTEED AGAINST DEFECTIVE MATERIALS AND WORKMANSHIP.

TABLE MODEL



**COMPARE CAPACITY — COMPARE QUALITY — YET! "THE LOWEST PRICED MACHINE IN ITS FIELD"**