



ESTABLISHED 1830

WORLD'S OLDEST WOODWORKING MACHINERY MANUFACTURERS

PRECISION BUILT

WOODWORKING MACHINERY



H. W. KREHNER, AGENT
310 - ST. BERNARD ST.
BALTO. 12. NO. 302600 312

CATALOG 140

J. A. FAY & EGAN COMPANY

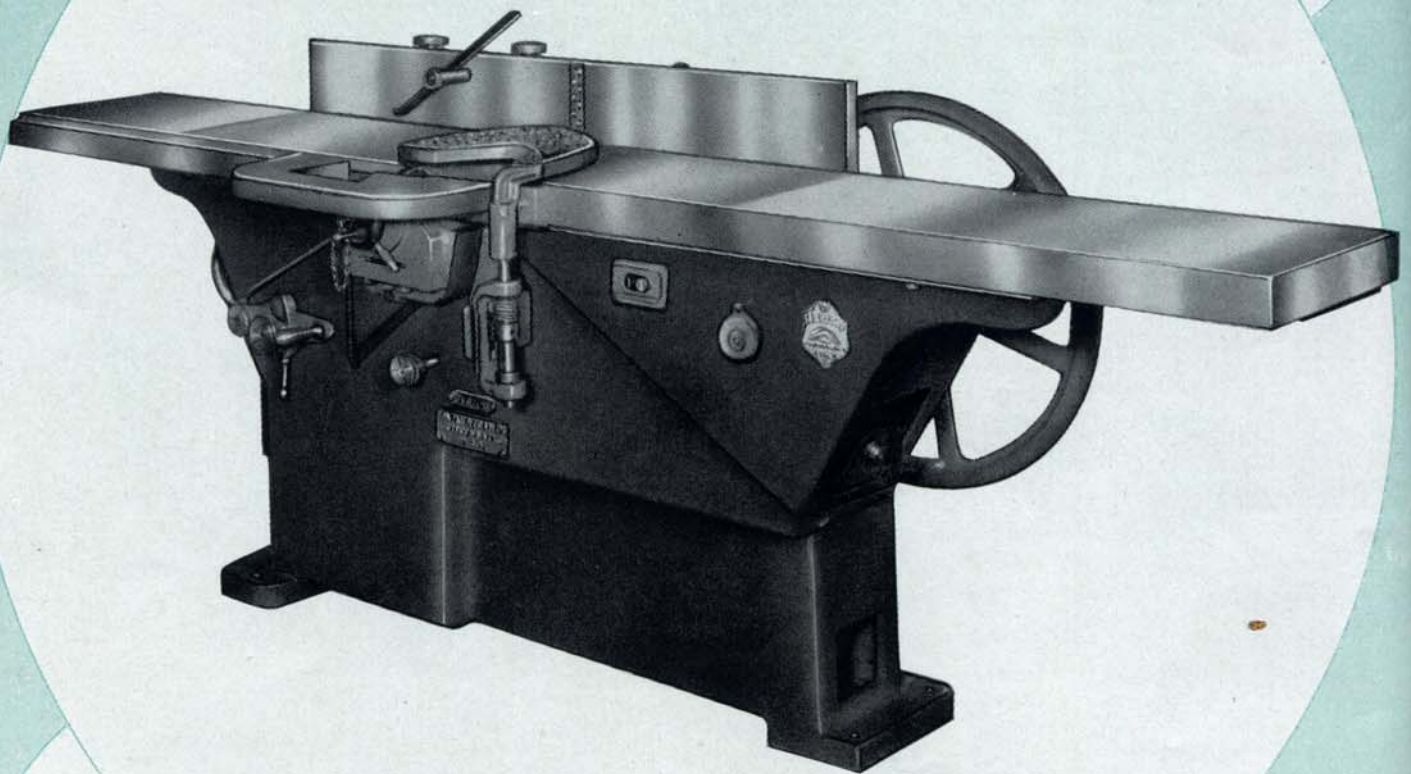
CINCINNATI 2, OHIO, U. S. A.

The Lightning Line
TRADE MARK REG.
ESTABLISHED 1830

Hand Jointer

No.
316

BALL BEARING — DIRECT MOTOR DRIVEN

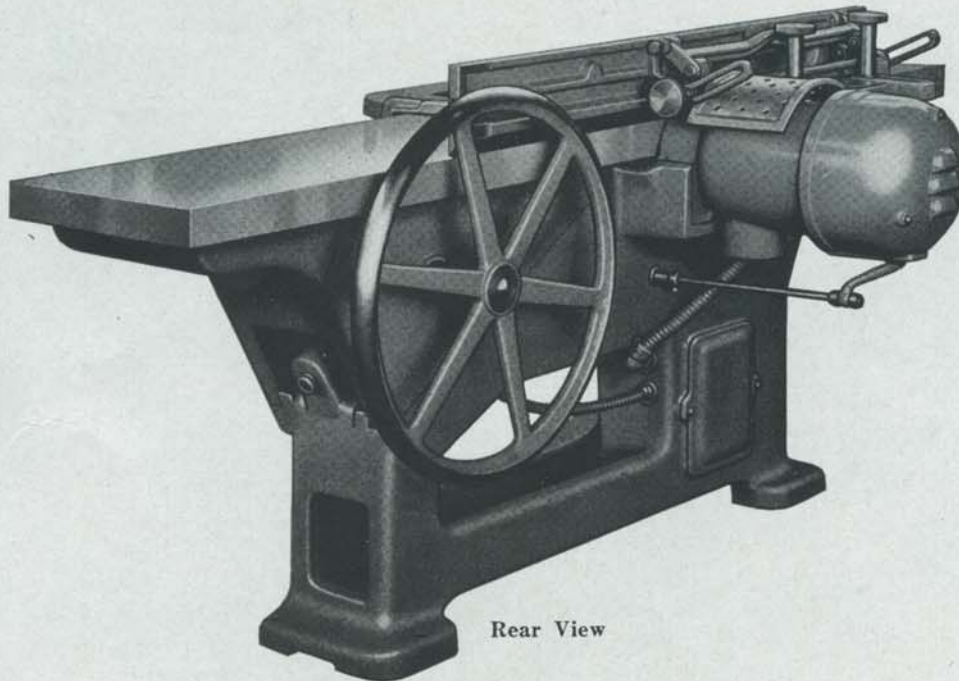


BUILT IN SIZES
12", 16", 24" & 30"
WIDE

[12]

J. A. FAY & EGAN CO. * CINCINNATI, O.
WORLD'S OLDEST MANUFACTURERS OF WOOD WORKING MACHINERY

No. 316 Ball Bearing Hand Planer and Jointer



Rear View

- Frame** Heavy one-piece unit, with four-point floor support. Offset, at feed-in end provides ample operating space. Reinforced with built in compartments for magnetic control, push button station, and dust chute having outlet at feed-out end.
- Capacity** Five sizes, to plane stock up to 12", 16", 20", 24" or 30" wide.
- Tables** Planed and surface ground true. Extra heavy, deeply ribbed, and arranged for rabbeting. Removable steel lips inserted at the throat. Infeed table 54" long, adjusts horizontally for access to cylinder, and vertically on long gibbed inclined ways by large self-locking hand wheel at rear. Outfeed table 42" long similarly adjusted, except by hand wheel at outfeed end, and provided with lever adjusting device for making hollow or spring joints.
- Cylinder** Three-knife round type, 5" swing, mounted in one-piece cast cylinder unit, comprising yoked bearings and totally enclosed motor housing, so constructed that entire cylinder, ball bearings and rotor (or pulley on belt drive machine), may be withdrawn integral at rear end. Hand wheel, with indexing holes and locking pin, provided at front end of cylinder, for use in setting, grinding or changing knives.
- Brake** Woven asbestos lined, spring released, operable from front of machine, provided on direct motor driven machines.
- Fence** 48" long, 5½" high, angles 45°. Double link supported at each end, for securing accurate degree of tilt over entire length. Gauge and indicator show degree of tilt. Index also provided to show exact thickness of finished stock.
- Guards** Automatic aluminum guard furnished over cylinder at front of fence, and an aluminum guard fitted to rear of fence, covers cylinder when fence is moved forward.
- Drives** Standard belt drive includes pulley on cylinder. Countershaft drive includes tight and loose pulleys, 10" x 4½", to run 800 R.P.M. Bracket and flexible coupling for coupling motor to cylinder, furnished for odd cycle or direct current motors. Direct motor drive includes 3 to 5 H.P. motor up to 24", and 7½ H.P. on 30" machines. Motors are 3600 R.P.M. shaftless type, totally enclosed, dust-proof, ball-bearing, fan cooled, for operation on A.C., 2 or 3 phase, 50/60 cycle, any voltage. Condenser type single phase motors on application. Magnetic control provides overload and undervoltage protection, with separate start and stop push button station.
- Equipment** Includes one set of high-speed steel knives, front and rear guards, rabbeting arm.

No.	Size	H. P.	Floor Space	Average Weights		C. M.	Code
				Domestic	Export		
316	12"	3-5	43" x 98"	1750 lbs.	2250 lbs.	88	BIDIA
316	16"	5	47" x 98"	2100 lbs.	2500 lbs.	90	BIDWO
316	20"	5	51" x 98"	2350 lbs.	2750 lbs.	92	BIEDJ
316	24"	5	55" x 98"	2600 lbs.	2900 lbs.	94	BIEHN
316	30"	7½	61" x 98"	3000 lbs.	3500 lbs.	98	BIENT

These details are constantly subject to change as improvement directs.