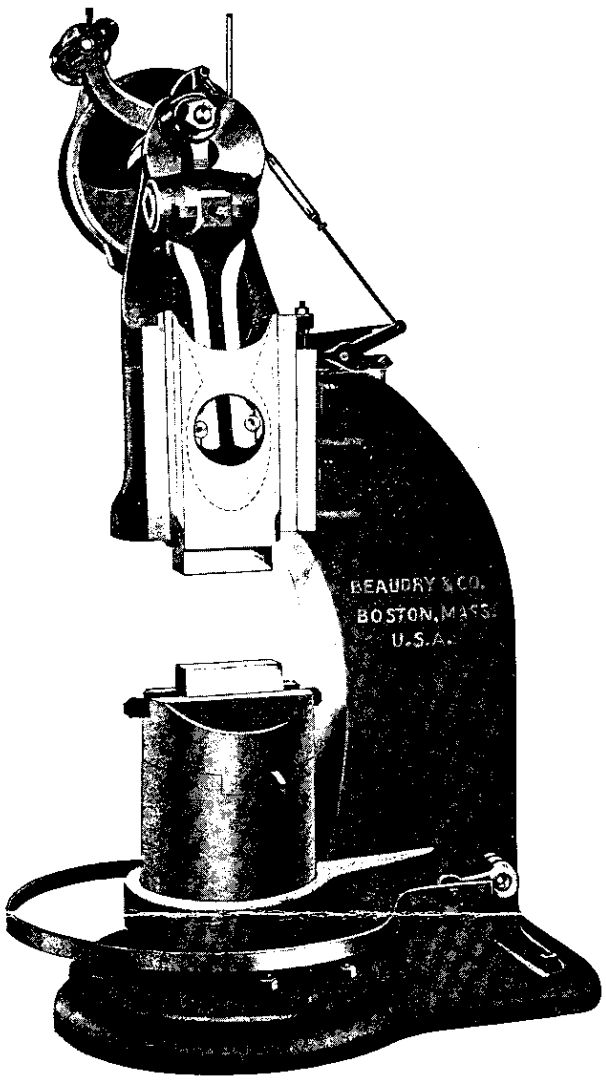
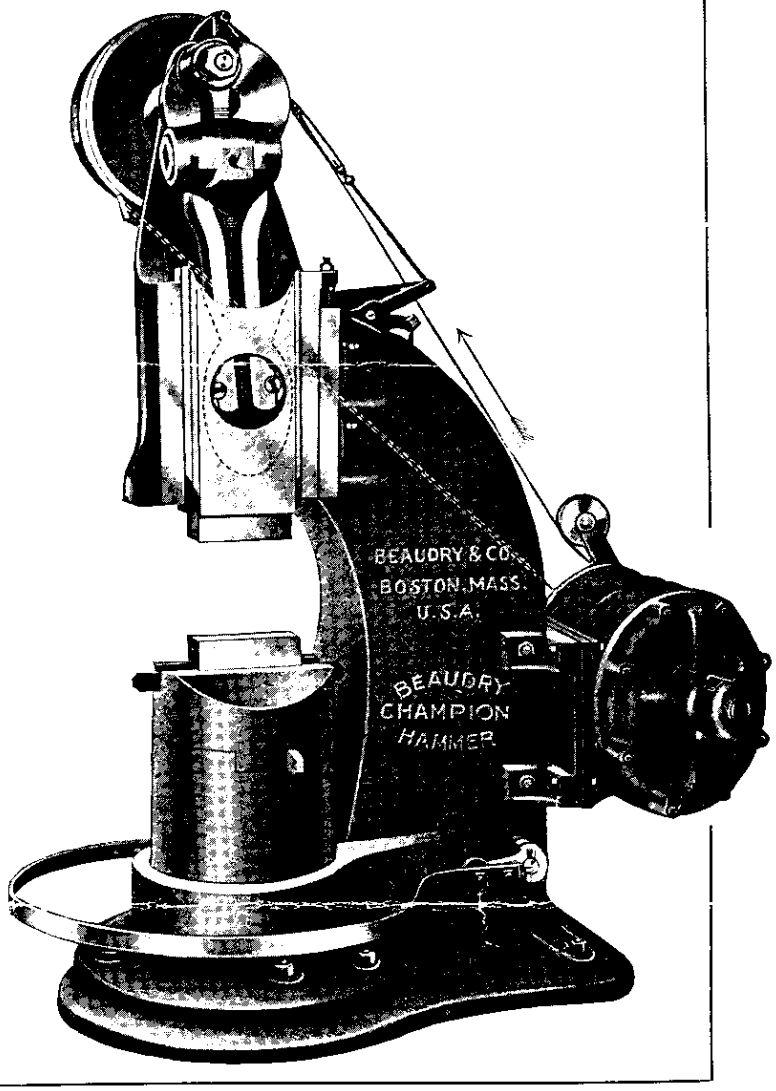
New Cat





BEAUDRY CHAMPION POWER HAMMERS—Belt or Motor Driven

Made in Ten Sizes. Weight of Ram Ranging from 50 to 500 pounds

Ram or Head is made of steel and is carried in heavy __/ shaped guides with adjustable taper gib to take up wear. Adjustment is provided for regulating the space between the dies, and full effective blow can be given on the largest work as readily as on a piece 1/8 in. thick. Two steel spring arms, with hardened tool steel rollers at their lower extremities, operate within the ram upon a curved track and serve to lift and throw the ram, which, with increased speed of hammer, acquires increased travel and force of blow. This positive action of the spring arms perfectly controls the ram and causes it to rebound without sudden jar the instant the blow is struck. Machine is started, stopped and regulated by a foot treadle extending around the base, and may be worked to equal advantage from all sides of the anvil. Bars of any length may be worked either way of the dies.

Anvil is an independent casting having no connection with the frame, and is held in place by its own foundation bolts. Independent anvil cap is keyed to anvil and bottom die is keyed to this cap, thereby giving the bottom die adjustment in both directions. (See Note.)

Frame is massive and cast in one piece to insure against troubles resulting from vibration.

Brake acts very positively and will instantly stop the machine, holding the ram at any position of the stroke.

SIZES AND DETAILS OF BELT-DRIVEN HAMMERS

Sizes	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 11	No. 12
Weight of Ram, lbs.	50	75	100	125	150	200	250	300	400	500
Estimated Force of Blow, lbs.	300	450	600	750	900	1200	1500	1800	2400	3000
Lift of Ram, inches	6	7	8	8½	9	10	11	11½	12½	13
*Average Size Work, inches	1½	1¾	2¼	2½	3	3½	4	4¼	5	6
Speed of Hammer	300	300	275	275	250	225	225	200	175	175
Diameter of Driving Pulley, inches	14	14	16	16	17	18	18	19	20	22
Face of Driving Pulley, inches	3	3	3½	3½	4	4	4½	5	6	7
Approx. Weight of Hammer, lbs.	2000	2400	3000	3200	3700	4400	4800	5400	7000	9000

SIZES AND DETAILS OF MOTOR-DRIVEN HAMMERS

Horse Power of Motor	5	5	7½	7½	7½	10	10	10	15	15
Speed of Motor	900	900	850	850	850	800	800	800	750	750
Speed of Hammer	300	300	275	275	250	225	225	200	175	175
Size of Hammer Pulley	16 x 3½	16 x 3½	16 x 4½	16 x 4½	19 x 5	19 x 5	19 x 5	22 x 5½	22 x 5½	22 x 5½
Diameter Motor Pulley	5½	5½	5	5	5¼	5	5½	5½	5¼	5¼
Approx. Weight Hammer and Motor, lbs.	2400	2900	3600	3800	4200	5000	5400	6000	7700	9700

550 600 800 850 950 1075 1200 1300 1500 1800

NOTE—No. 2 is made with anvil base cast solid with frame; all other sizes have independent anvils.

*Capacity given is for iron; reduce one-third for steel; high speed steel reduce one-half.

BUILT SOLELY BY

BEAUDRY & COMPANY, INC.

141 MILK STREET, BOSTON, MASS.

250# Hammer Cir