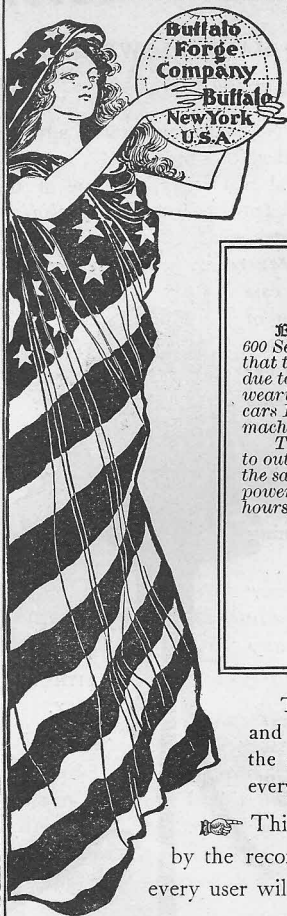


BUFFALO BLACKSMITH TOOLS



HEREIN will be found such Buffalo Blacksmith Tools as have won recognition through wide sales and universal popularity. These "headliners" include no out-of-date nor untested tools, and blacksmiths making a selection from these pages may be assured of getting the best to be had, backed by the unlimited guarantee of the pioneers and source of all genuine improvement in Blacksmith Tools.

CATALOGUE
No. LG 5

Buffalo, N. Y.....190....

Guarantee Certificate

Be it known to every purchaser of a Buffalo Steel-Plate Forge, 600 Series, also to every buyer of a No. 200 Buffalo Geared Blower, that these machines are hereby guaranteed against cost of repairs due to wear, for five years from date of this certificate. Any parts wearing out within five years will be replaced free of charge, f. o. b. cars Buffalo. Mention the date of this certificate and the style of machine.


The Buffalo Geared Blower, No. 200 Series, is also guaranteed to outwear any other on the market, to produce a stronger blast with the same number of turns of the crank per minute, and with less power than any other hand blower built. Run these machines 24 hours per day if you want to, this guarantee holds.

BUFFALO FORGE COMPANY,

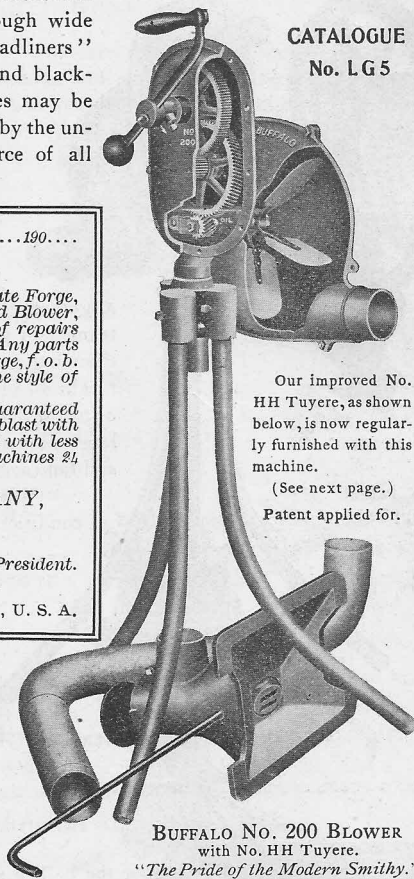
W. F. Mudd President.

BUFFALO, N. Y., U. S. A.

The above engraved certificate duly signed and bearing the seal of the Company, goes with the sale of every Buffalo No. 200 Blower, and every Forge fitted with it.

 This sweeping guarantee is more than justified by the record of the machine itself—a fact to which every user will attest.

(SEE NEXT PAGE)



BUFFALO No. 200 BLOWER
with No. HH Tuyere.

"The Pride of the Modern Smithy."

Our improved No. HH Tuyere, as shown below, is now regularly furnished with this machine.

(See next page.)

Patent applied for.



BUFFALO FORGE COMPANY

— BUFFALO, N. Y. —





Buffalo Forge Company, Buffalo, N. Y.



BUFFALO No. 200 AND 201 GEARED HAND BLOWERS.

"The Pride of the Modern Smithy."

The following features render the Buffalo No. 200 Blower far in advance of any mechanism ever designed to blow a blacksmith's fire.

The gears are cut and finished on special machinery, and are of the spur and helical variety. *Spiral gears which transmit motion by sliding contact with consequent friction and wear, are not used in this blower. The undue wear of such gears is bound to require early replacement.*

As cut shows gears are held in a rigid cast iron box frame, and can not possibly get out of alignment. The bearings are extra long, and are bored and reamed to gauge in the solid stock. No brass boxes to wear throwing gears out of line or requiring adjustment. Gears run in oil in a dust-proof case, which can be removed without disturbing the mechanism. Gears are broad and strong, with large properly formed teeth. Blower is adjustable for height and fan casing will deliver blast in any direction.

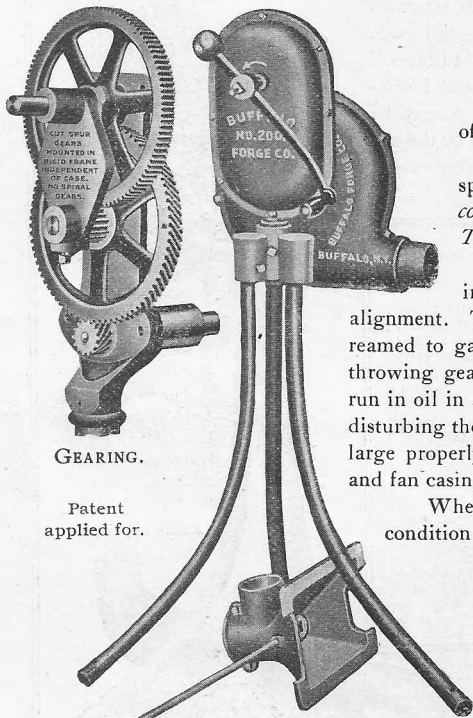
When once oiled blower remains in perfect running condition for months.

The sturdy construction of this blower enables us to offer the remarkable five-year guarantee seen on previous page. Put in any shop free on trial.

Price, Blower only \$33.00

Price, with No. HH Tuyere, 35.00

Height to crank, 38-44 in. (adjustable). Diam. of fan case, 12 in. Weight, Blower, 70 lbs.

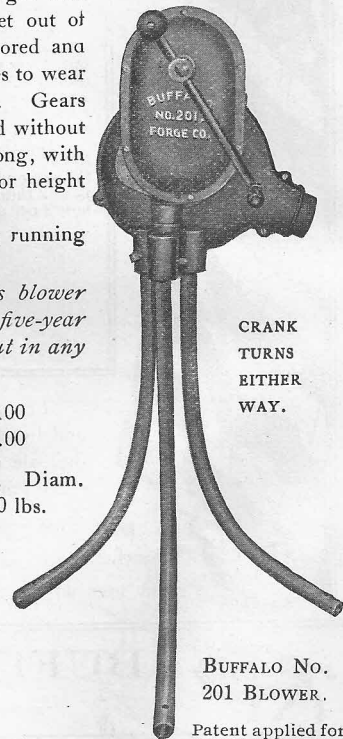


GEARING.

Patent applied for.

BUFFALO No. 200 BLOWER
With No. HH Tuyere.

CRANK TURNS IN DIRECTION OF ARROW.



CRANK
TURNS
EITHER
WAY.

BUFFALO No.
201 BLOWER.

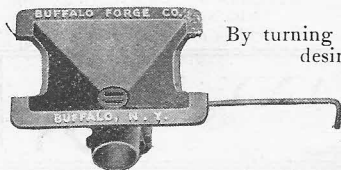
Patent applied for.

BUFFALO IMPROVED SIDE AND CENTER BLAST TUYERE No. HH.

By turning the ball, a sideways or vertical blast is secured, as desired. Size, 11½ x 9 x 4 in. Weight, 37 lbs.

Price, No. HH, \$5.00.

This improved tuyere is now regularly furnished with both the No. 200 and No. 201 Blowers. (See first page.)





Buffalo Forge Company, Buffalo, N. Y.



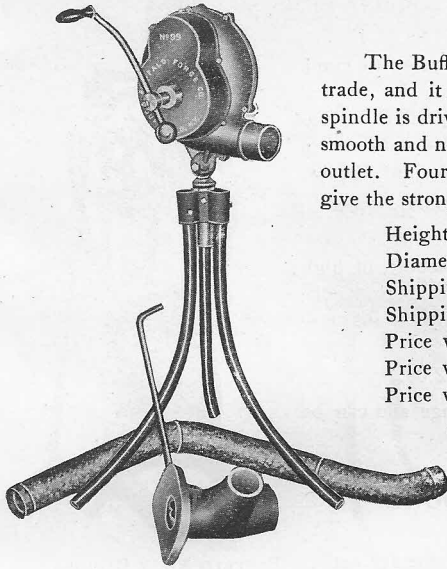
BUFFALO No. 99 GEARED HAND BLOWER.

The Buffalo Geared Hand Blower, No. 99, has been long and favorably known to the trade, and it is conceded to be the lightest running and most powerful blower built. Fan spindle is driven by a helical spur gear, cut and finished by special machinery, affording smooth and noiseless running. The blower is easily adjustable as to height and angle of outlet. Four simple gears, running in oil in a dust-proof case speed up the fan wheel to give the strongest possible blast with the greatest ease of operation.

Height to crank shaft (adjustable)	38 to 44 inches
Diameter of fan case	12 inches
Shipping weight with tuyere	95 pounds
Shipping weight without tuyere	70 pounds
Price without tuyere	\$28.00
Price with regular tuyere	30.00
Price with side and centre-blast tuyere (see page 2)	32.50

On special order, this blower will be supplied with a single-column cast-iron stand without extra cost.

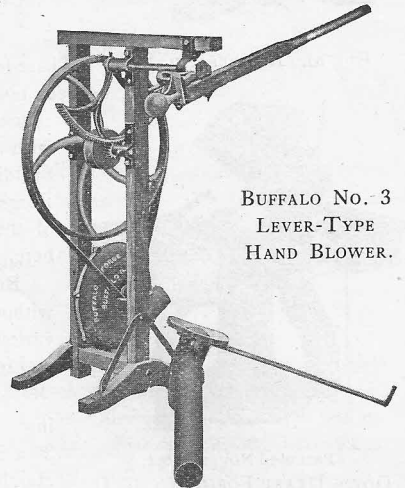
Buffalo Hand Blowers are made in over fifteen standard styles and numberless modifications, built for special conditions. Thus unusual requirements can often be filled from patterns in stock.



BUFFALO No. 99 GEARED HAND BLOWER.

BUFFALO LEVER - TYPE HAND BLOWERS.

These hand blowers are carefully built of the best of materials, and from designs which years of experience have shown to be without a flaw. They will be found simple in construction, noiseless in operation and most durable in service. Levers are swung from a universal joint, which permits working at any angle. Blast wheel and fan case are of extra size, and all bearings of ample length to prevent wear. Blowers are built right and left, and can also be furnished with tubular steel frame at an extra cost.



BUFFALO No. 3
LEVER-TYPE
HAND BLOWER.

BUFFALO No. 3 BLOWER.

This is the standard for blacksmiths, and stands 47 inches in height. Diameter fan, 14 inches. Weight, 105 lbs. Price, \$23.00. Price with tuyere, \$25.00.



Buffalo Forge Company, Buffalo, N. Y.

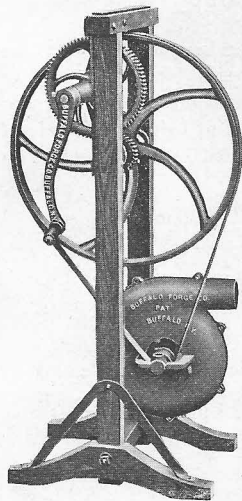


BUFFALO HAND BLOWERS.

CRANK TYPE.

BLACKSMITHS preferring this type of blower, with crank action, will find No. 5 entirely satisfactory for general service. No. 5 is similar to No. 3 in general design, but has the improved ratchet crank, dropping to position shown when not in action. Height, 47 in. Size fan, 14 in. Weight, 105 lbs.

Price, \$18.00. Price with tuyere, \$20.00.

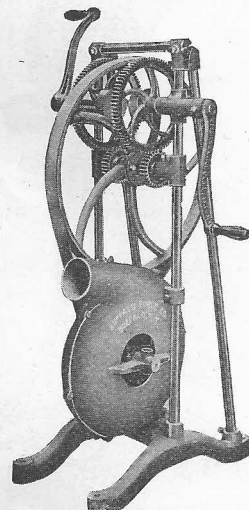


BUFFALO BLOWER No. 5.

Buffalo Blower No. 7 is a double crank machine of high power, designed for heavy blacksmithing and blast smoke dispelling in mines. Tubular steel frame. Height, 46 in. Size fan, 17 in. Weight, 175 lbs.

Price, \$30.00. Price with tuyere, \$32.00.

All parts of Buffalo Blowers are made to gauge and can be promptly duplicated.



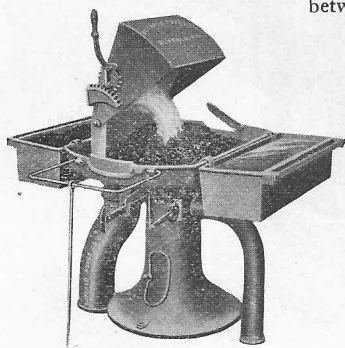
BUFFALO No. 7 BLOWER.

BUFFALO STATIONARY AND DOWN DRAFT FORGES.

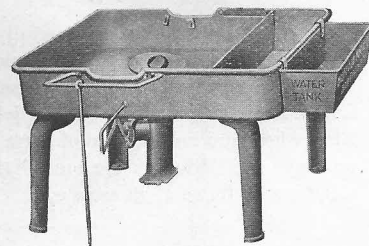
These forges are "stationary" in name only, the distinction between portable forges being that they have a permanent blast connection, which does not, however, interfere with moving to other parts of the shop or other buildings. Buffalo Down Draft and Stationary Forges are in such universal use that endorsement of their many superior qualities is uncalled for here.

Buffalo Stationary Forges, both with and without down draft attachments, are made in various styles suitable for every class of work, and form the subject of a special catalogue.

No. 00 S is a favorite for heavy blacksmithing. Size of hearth, 38 x 42 in. Size coal box, 36 x 9 x 8 in. Size water tank, 28 x 9 x 6½ in. Height, 26½ in. Weight, 412 lbs. Price, \$50.00.



Patented Nov. 27, 1894.
DOWN DRAFT FORGE No. 02 D.



BUFFALO STATIONARY FORGE
No. 00 S.



Buffalo Forge Company, Buffalo, N. Y.

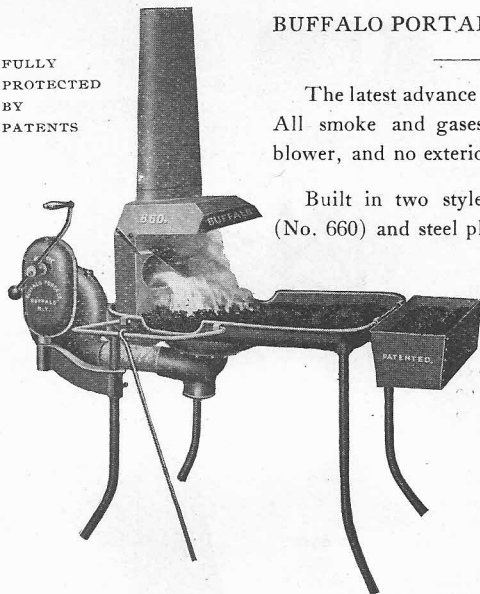


BUFFALO PORTABLE DOWN DRAFT FORGES.

FULLY
PROTECTED
BY
PATENTS

The latest advance in Blacksmith Forge construction—
All smoke and gases instantly removed with a simple
blower, and no exterior attachments.

Built in two styles, cast-iron construction
(No. 660) and steel plate (No 666).



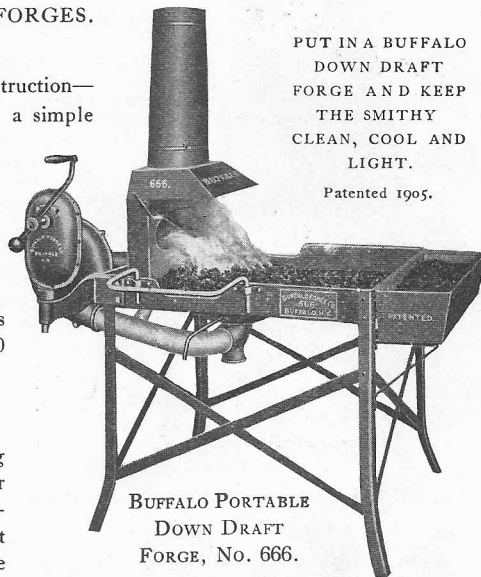
No outside connections
—The Buffalo No. 200
Blower does it all.

No smoke when starting
fire. No extra power
needed. Combined nat-
ural and mechanical draft
is the principle. Write
for particulars.

BUFFALO PORTABLE DOWN DRAFT FORGE No. 660.

PUT IN A BUFFALO
DOWN DRAFT
FORGE AND KEEP
THE SMITHY
CLEAN, COOL AND
LIGHT.

Patented 1905.



BUFFALO PORTABLE
DOWN DRAFT
FORGE, No. 666.

On turning the crank of the powerful No. 200 Blower, attached to these forges, all smoke and gases from the fire are drawn into the cast iron exhaust hood by means of the draft produced by a connection to fan case. The larger portion of the gases escape up the stack by reason of the natural and induced draft, while a part is returned to tuyere through fan. A separate connection direct from blast pipe into stack strengthens the natural draft, and is used when the fire is being started.

No. 660 CAST IRON TYPE.

This forge is built with a cast iron hearth 28 x 40 inches and 32 inches above the floor.

Shipping weight, 270 lbs.

Price complete with water tank, \$74.00.

No. 666 STEEL PLATE TYPE.

With the exception of cast iron exhaust hood, all parts of this forge are built of steel plate. Light, strong and absolutely indestructible. Size of hearth, 30 x 36 inches. Height to hearth, 33 inches. Size of tank, 30 x 9 x 6 inches. Shipping weight, 250 lbs. Price, \$90.00.



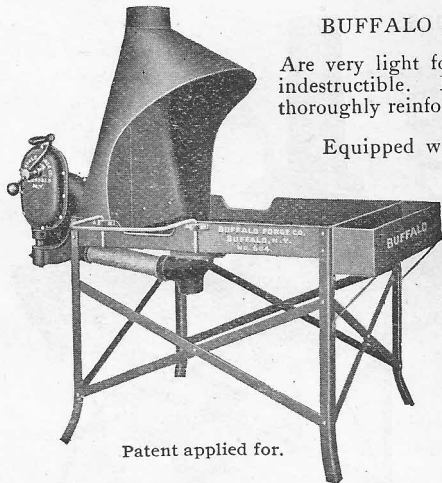
Buffalo Forge Company, Buffalo, N. Y.



BUFFALO STEEL PLATE FORGES

Are very light for their capacity and are almost indestructible. Built of heavy steel plate and thoroughly reinforced and braced.

Equipped with the No. 200 Blower, they are exceptionally powerful for their size. Fully guaranteed. See page one.



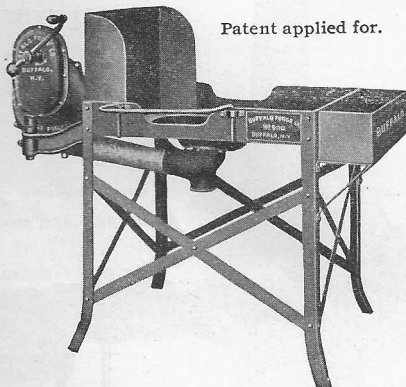
Patent applied for.

No. 604 STEEL PLATE FORGE.

No. 604 FORGE.

Size of hearth, 30 x 36 in.
Height, 33 in. Weight, 200 lbs. Price, \$70.00.

No. 601—Hearth 24 x 24, Price \$50.00
No. 603— " 30 x 30, " 65.00
No. 605— " 30 x 40, " 75.00



Patent applied for.

No. 602 STEEL PLATE FORGE.

No. 602 FORGE.

An outdoor forge, suitable for contractors, erecting gangs, railroad use, etc. Size of hearth, 30 x 30. Height, 33 in. Weight, 180 lbs. Price, \$60.00.

No. 600—Hearth 24 x 24, Price \$45.00.

No. 625 FORGE.

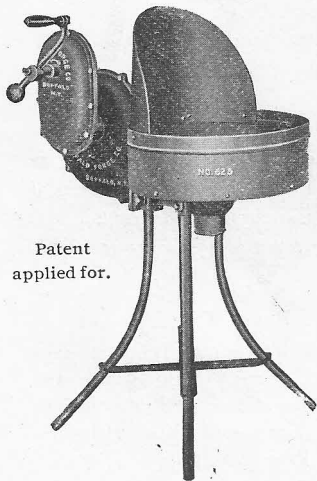
Built especially for rivet heating. All parts detachable, and can be put together in five minutes. Simple, light and durable, with all gearing enclosed in dust-proof case. Size hearth, 18 in. Weight, 140 lbs. Price, \$35.00.

No. 625 A—Hearth 22 in., Price \$38.00.
No. 625 B— " 24 in., " 41.00.

No. 626 FORGE.

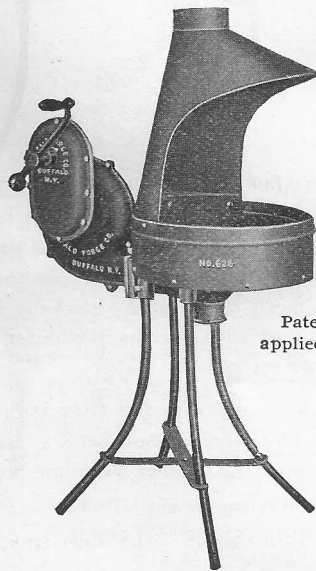
Similar to No. 625, but fitted with a half hood for indoor use. Suitable for light forging, tool dressing, etc. Weight, 150 lbs. Price, \$38.00.

No. 626 A—Hearth 22 in., Price \$43.00.
No. 626 B— " 24 in., " 45.00.



Patent applied for.

No. 625 RIVET FORGE.



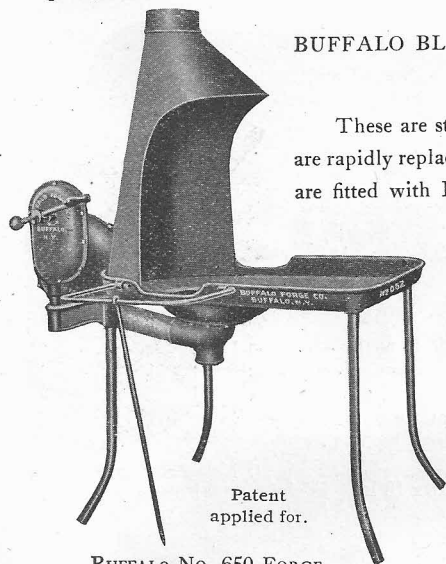
Patent applied for.

No. 626 FORGE.



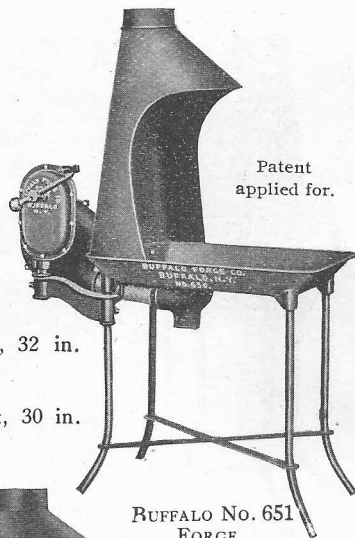
BUFFALO BLACKSMITH FORGES, Nos. 650, 651.

These are standard cast-iron hearth Forges, such as are rapidly replacing the old style bricked-in forges. They are fitted with Buffalo No. 200 Blowers in place of the lever-and-ratchet type with exposed gearing, and are fully guaranteed for five years. See page one.



Patent applied for.

BUFFALO No. 650 FORGE.



Patent applied for.

BUFFALO No. 651 FORGE.

No. 650—Hearth, 28 x 40 in. Height, 32 in.
Weight, 210 lbs. Price, \$50.00.

No. 651—Hearth, 23 x 30 in. Height, 30 in.
Weight, 140 lbs. Price, \$40.00.

BUFFALO LEVER-GEARED FORGES.

These machines have been World's Standard for thirty years. The gearing is simple and powerful, and lever is so swiveled that operator is not confined to any one position.

No. 0, the Blacksmiths' Forge—Hearth, 28 x 40 in. Weight, 270 lbs. Price, \$54.00.

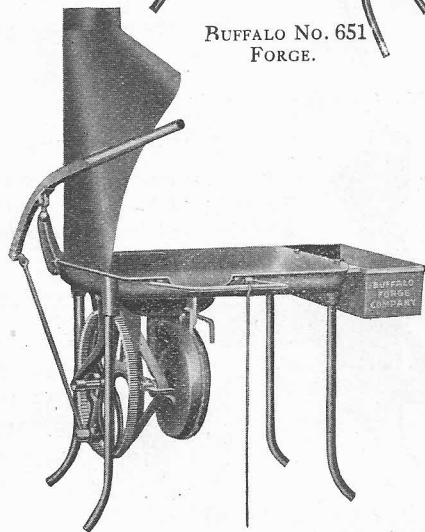
No. 3, the Boilermakers' Forge—Hearth, 21 x 27 in. Weight, 140 lbs. Price, \$36.00.

No. 1—Same Forge as No. 3, but has hood like No. 0. Price, \$40.00.

No. 2—Same Forge as No. 3, but has closed hood like Forge No. 6 (next page). Price, \$42.00.



No. 3 BOILERMAKERS' FORGE.



No. 0 BLACKSMITH FORGE.



Buffalo Forge Company, Buffalo, N. Y.

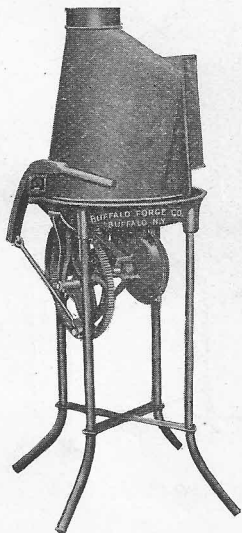


BUFFALO FORGE No. 6.

This is a Jewelers' Forge, similar in design to Nos. 0 and 3. Diameter of hearth, 18 in. Weight, 80 lbs. Price, \$30.00.

Forge No. 4 is same as No. 6, but provided with a half hood. Price, \$27.00.

Forge No. 5 is same as No. 6, but has dash like No. 3, adapting it especially for heating rivets. Price, \$24.00.



NEW BUFFALO RAILROAD FORGE, No. 10.

Owing to its special design and enclosed parts it is well adapted to withstand rough outdoor handling, and for this reason is especially valuable to railroad contractors, bridge and tank builders. Is so arranged that it can be operated with a lever at a high rate of speed, and when not in use, this lever can be removed. Equipped with our famous No. 200 Blower firmly secured within the body of the forge.

Height to top of bowl, 31 in. Size of hearth, 18 x 18 in. Weight, 125 lbs. Price, \$40.00.

NEW BUFFALO RAILROAD FORGE, No. 10.

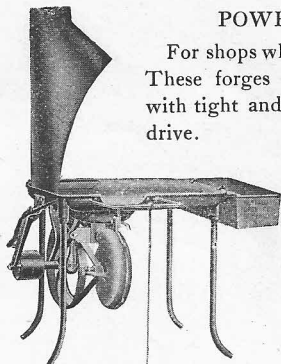
No. 6 JEWELERS' FORGE.

POWER FORGES.

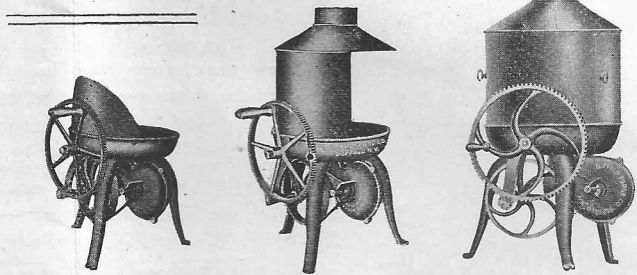
For shops where power is available. These forges have blowers provided with tight and loose pulleys for belt drive.

No. 0 P—Hearth, 28 x 40 in. Weight, 250 lbs. Price, \$58.00

No. 1 P—Hearth, 21 x 27 in. Weight, 150 lbs. Price, \$45.00



POWER FORGE No. 0 P.



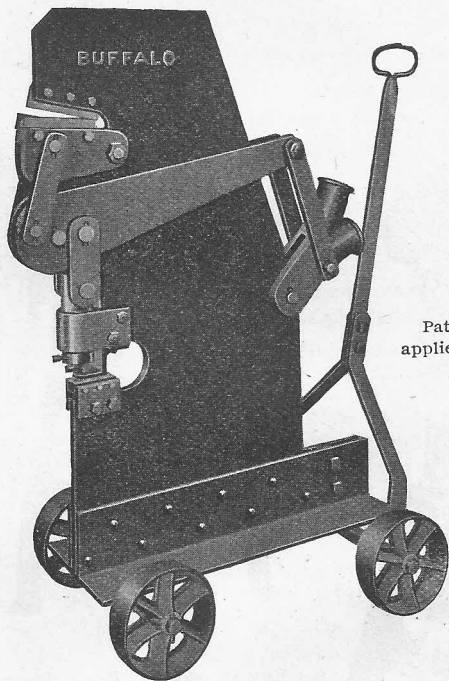
BENCH FORGE, No. 7. BENCH FORGE, No. 8. BENCH FORGE, No. 9.

BUFFALO BENCH FORGES.

Forges 7, 8, 9, are intended for light work, and can be easily carried about. Adapted for jewelers, locksmiths, prospectors, assayers and laboratory use. Height to bowl, 15 in. Diam. bowl, 15 in. Weights, 40, 42, 43 lbs. Prices, No. 7, \$16.00; No. 8, \$18.00; No. 9, \$20.00.



Buffalo Forge Company, Buffalo, N. Y.



Patent
applied for.

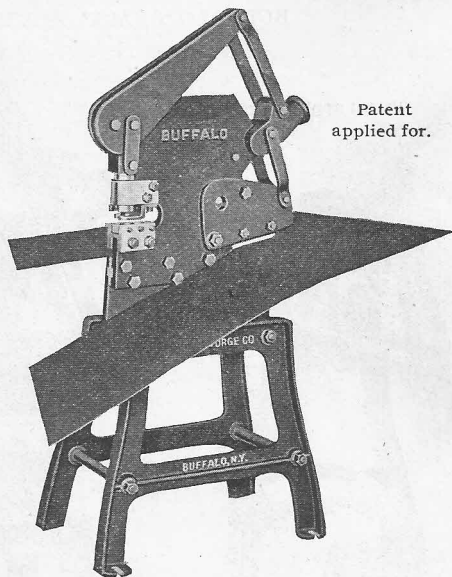
BUFFALO PORTABLE PUNCH AND SHEAR No. 5.

Punches $\frac{3}{4}$ in. holes in $\frac{1}{2}$ in. plate. Shears bar iron $6 \times \frac{5}{8}$ in. Depth of throat, 7 in. Height, 58 in. Weight, 850 lbs. Weight without wheels, 725 lbs. Punches furnished, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ in.

A high power machine for use wherever a portable punch and shear with the capacity of a power-driven machine is desirable. Built of armor plate and forgings throughout.

Price, \$140.00. Price without wheels, \$125.00.

SEND FOR OUR
SPECIAL
CATALOGUE OF
ARMOR-PLATE
TOOLS.



Patent
applied for.

BUFFALO COMBINED PUNCH, BAR-CUTTER AND
CONTINUOUS SHEAR, No. 4 $\frac{1}{2}$.

This is an armor plate tool of great convenience and capacity. As cut shows it will shear plate of any width, and up to No. 8 guage. Bar cutter will cut off round bar from $\frac{3}{4}$ in. to 0, and flat bar $2 \frac{1}{2} \times \frac{3}{8}$ in. Punches $\frac{1}{2}$ in. holes in $\frac{3}{8}$ in. plates. Punches furnished, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ in. Height over all, 55 in. Weight, 460 lbs. Price, \$115.00. The great capacity of this machine is made possible by a specially keyed construction which gives unlimited strength. Also a special arrangement for clearing, when cutting the sheets, without binding. With this tool the blacksmith may undertake a variety of profitable work, such as smokestack and breeching repairs, tankwork, ornamental iron work, iron railings, etc. Write for complete description. Also made in other sizes.



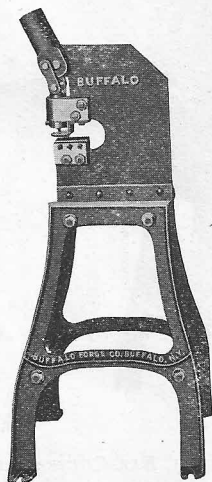
Buffalo Forge Company, Buffalo, N. Y.



BUFFALO ARMOR PLATE TOOLS—LIGHT, STRONG, INDESTRUCTIBLE.

Send for special catalogue of these goods.

Patent applied for.

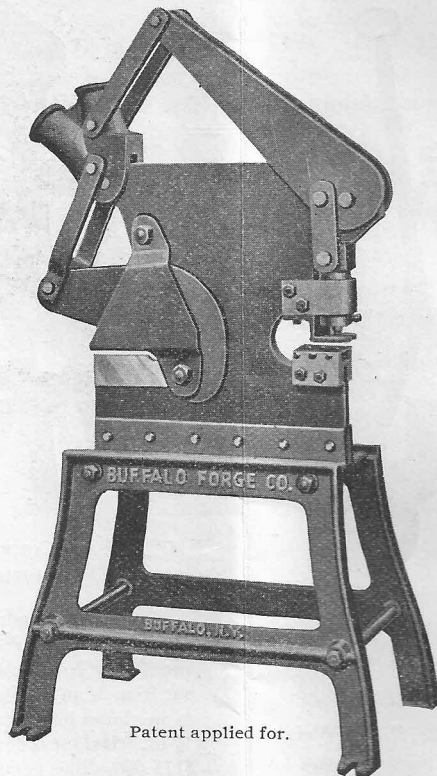


BUFFALO ARMOR-PLATE PUNCH
No. 14.

FRONT LEVER PATTERN.

Punches $\frac{3}{8}$ in. holes in $\frac{3}{8}$ in. plate. Depth of throat, $4\frac{1}{4}$ in. Punches furnished, $\frac{5}{16}$ and $\frac{3}{8}$ in. Weight, 130 lbs. Price, \$50.00.

ALSO MADE IN OTHER SIZES



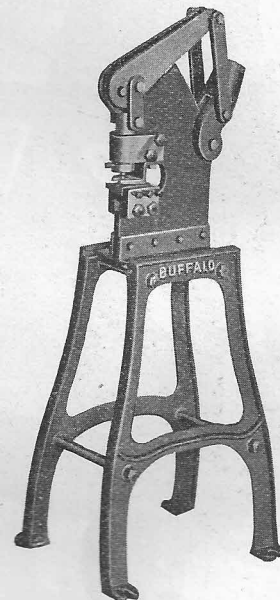
Patent applied for.

BUFFALO COMBINED PUNCH AND SHEAR No. 4B.

Punches $\frac{1}{2}$ in. holes in $\frac{1}{2}$ in. plate. Shears bars $3 \times \frac{5}{8}$ or 1 in. round. Punches furnished, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ in. Depth throat of punch, 5 in. Length shear jaws, $4\frac{1}{2}$ in. Height floor to die, 29 in. Height over all, 48 in. Weight, 400 lbs. Price, \$115.00.

ALSO MADE IN OTHER SIZES.

Patent applied for.



BUFFALO ARMOR-PLATE PUNCH
No. 13B.

BACK LEVER PATTERN.

Punches $\frac{1}{4}$ in. holes in $\frac{1}{4}$ in. plate. Depth of throat, 4 in. Punches furnished, $\frac{1}{8}$, $\frac{1}{4}$ in. Weight, 90 lbs. Price, \$40.00.

ALSO MADE IN OTHER SIZES.

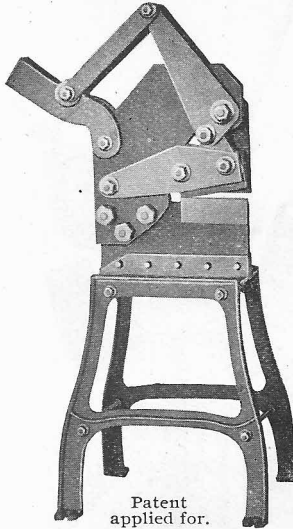


BUFFALO No. 3 SLITTING SHEAR.

Built throughout of armor plate, with crucible steel jaws. Plates of any width may be sheared in successive cuts.

Capacity, No. 8 gauge sheet metal, or $2\frac{1}{2} \times \frac{3}{8}$ in. bars. Weight, 220 lbs. Price, \$80.00.

Also made in smaller sizes.



Patent applied for.

BUFFALO No. 3 SHEAR.

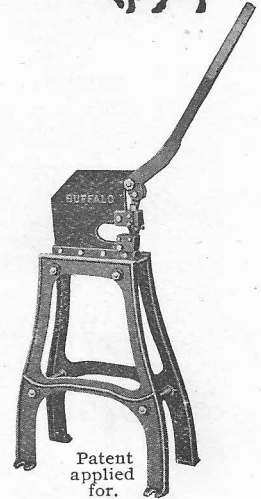
PYGMY PUNCHES AND SHEARS.

For sheet metal working we list these "Pygmy" tools which can punch and shear plate up to $\frac{1}{8}$ in. thick. Built of armor plate and are light and easily portable.

Punch No. 12.—Punches $\frac{1}{8} \times \frac{1}{8}$. Throat, 4 in. Weight, 50 lbs. Punches furnished, $\frac{3}{32}$, $\frac{1}{8}$. Price, \$20.00.

Shear No. 0.—Shears No. 20 guage sheet iron in any widths. Shears $\frac{1}{8} \times 3$ band iron. Weight, 50 lbs. Price, \$20.00.

Punch No. 12 can be furnished with lever worked from the rear or without stand for bench use.



Patent applied for.

PYGMY PUNCH No. 12.

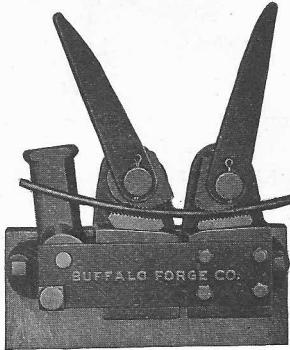
BUFFALO No. 2 ANGLE CUTTER.

For shops using angle iron in quantity, this will be found a time and money saving tool. Cuts clean and square, allowing of the most rapid and accurate work.

Capacity, $2\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{4}$ angle. Weight, 200 lbs. Price, \$40.00.

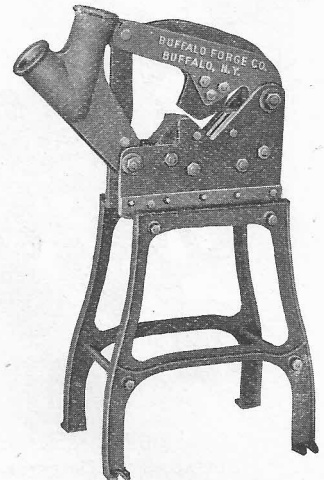
BUFFALO TIRE UPSETTER No. 1.

Is a small machine designed for carriage tires only. It bolts to post, and is constructed of Armor plate steel. Capacity, $1\frac{1}{8} \times \frac{1}{4}$ tires. Weight, 26 lbs. Price, \$12.50.



BUFFALO No. 1 TIRE UPSETTER.

Patent applied for.



BUFFALO No. 2 ANGLE CUTTER.
Patent applied for.



Buffalo Forge Company, Buffalo, N. Y.



BUFFALO IMPROVED No. 2 TIRE UPSETTER.

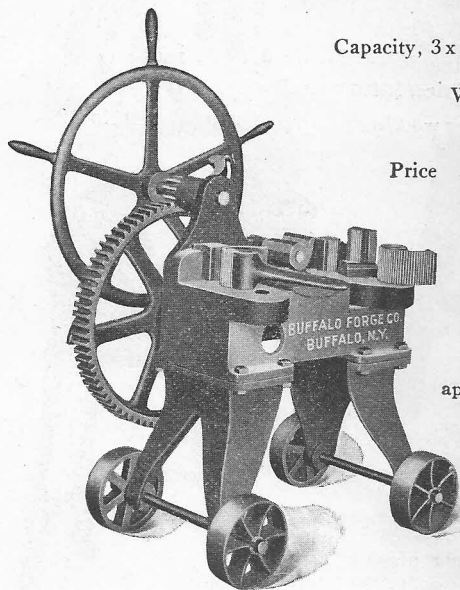
Body and legs of this machine are heavy cast-iron, with grips of crucible steel with machine cut teeth. Grips are self adjusting to any diameter tire and seize same with a secure and lasting hold. The plunger seen between grips is brought down on work and prevents kinking or buckling.

The anvil-piece seen under plunger is used when straight work is to be upset or welded.

Capacity, 3 x 5/8 in. tires, or 1 1/2 in. axles.

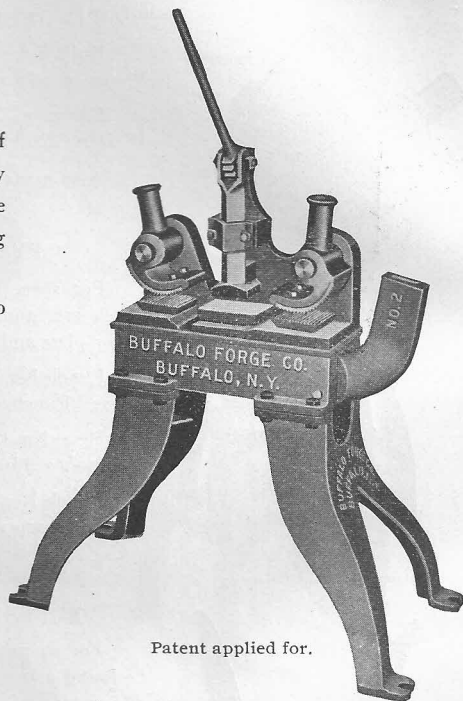
Weight, 300 lbs.

Price \$30.00.



BUFFALO TIRE UPSETTER No. 3.

Patent applied for.



Patent applied for.

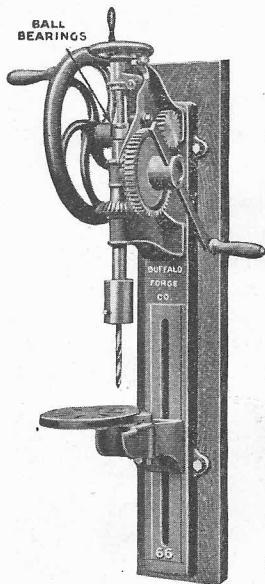
BUFFALO IMPROVED No. 2 TIRE UPSETTER.

BUFFALO TIRE UPSETTER, No. 3.

This is a powerful edge grip machine, operated by a windlass and reduction gears.

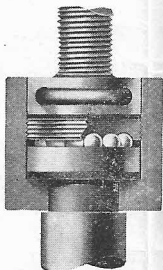
By using the proper body grips and putting hand grips in outer hole, tires up to 6 in. wide can be upset. Removable cam between grips prevents kinking. Removable anvil piece for straight work. Upsets 1 1/2 in. at one setting. Capacity, 6 x 1 1/4 in. tires, or 2 1/2 axles.

Weight, 900 lbs. Price, \$100.00.



BALL BEARINGS

BUFFALO BALL BEARING DRILLS WITH THE BEARINGS PLACED WHERE THEY WILL BE OF UTILITY.

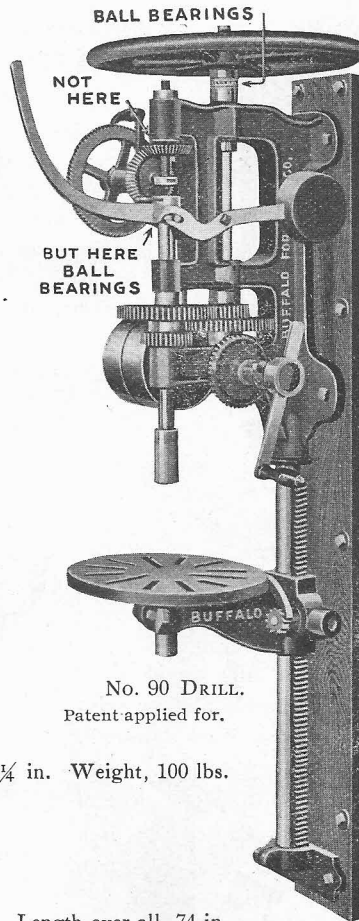


SECTION OF SPINDLE HEAD.

BUFFALO BALL BEARINGS ARE PLACED IN THE SPINDLE HEAD, WHERE 90 PER CENT. OF DESTRUCTIVE FRICTION OCCURS.

The point of greatest friction in a drill is in the spindle head, between the rapidly revolving drill spindle with its upward thrust, and the slowly turning feed screw, with its equal pressure downward. Here we put a set of ball bearings, and not behind feed screw gear as in ordinary drills. A second set is put under fly wheel in the No. 90 Drill.

Buffalo Ball Bearing Drills are high-grade machines in every respect, and possess other features of unusual merit. Full description on application.



BALL BEARINGS

NOT HERE

BUT HERE BALL BEARINGS

No. 90 DRILL.

Patent applied for.

BUFFALO No. 66 BALL BEARING DRILL.

Length, 37 inches. Capacity, 1 in. hole to center of 15 in. circle. Run of feed, 3¼ in. Weight, 100 lbs.

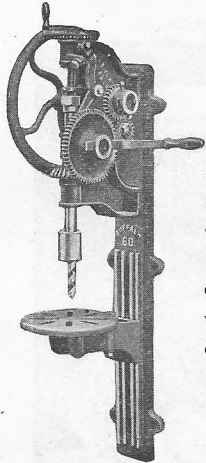
Price. \$22.00.

BUFFALO No. 90 BALL BEARING DRILL.

Automatic, hand, or lever feeds. Two-speed gears. Drills to center, 22 in. circle. Length over all, 74 in. Run of feed, 6 in. Weight, 325 lbs. Price, \$55.00. Can be supplied with tight and loose, or cone pulleys, and countershafts at a slight extra charge.



Buffalo Forge Company, Buffalo, N. Y.



BUFFALO DRILL,
No. 60.

STANDARD BUFFALO BLACKSMITH DRILLS.

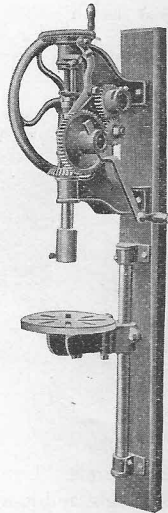
The following drills have been selected from our extensive line of over fifty styles, as the most popular and serviceable for general blacksmith use.

They are particularly strong and compact, made of the best of materials, with workmanship all that could be desired.

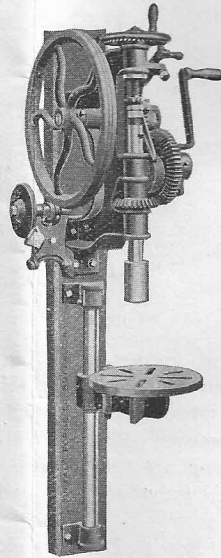
DRILLS No. 60, 61.

These drills are identical, except that No. 61 has wooden back instead of iron. Length, No. 60 Drill, 42 in. Length, No. 61 Drill, 54 in. Run of feed, 4 in. Capacity, 1½-inch hole to center of 16½ inch circle. Weight, 135 lbs.

Price, \$32.00.



BUFFALO DRILL, No. 61.



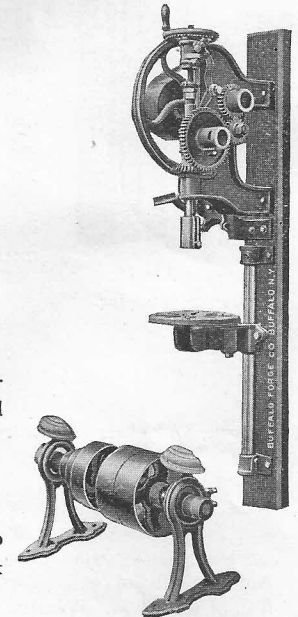
BUFFALO DRILL, No. 61 B.

DRILL No. 61 G.

Same drill as No. 61, but fitted complete with emery wheel, cone pulley and countershaft.

Weight, 210 lbs. Price, \$52.00.

All Buffalo Drills have sockets to take the standard ½ in. round shank drills.



BUFFALO DRILL, No. 61 G.

DRILL No. 61 B.

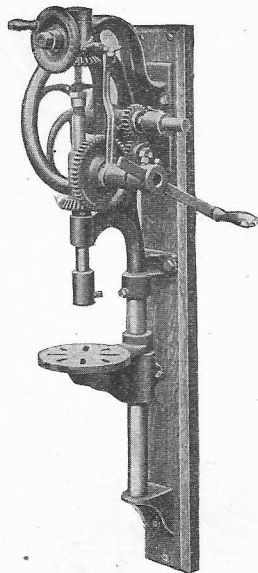
Same drill as No. 61, shown below, but fitted with emery wheel attachment.

Price, \$34.00.

These drills are all ball bearing. Made up in various combinations, with and without pulleys, countershafts, emery wheels, etc. Send for complete list.



Buffalo Forge Company, Buffalo, N. Y.

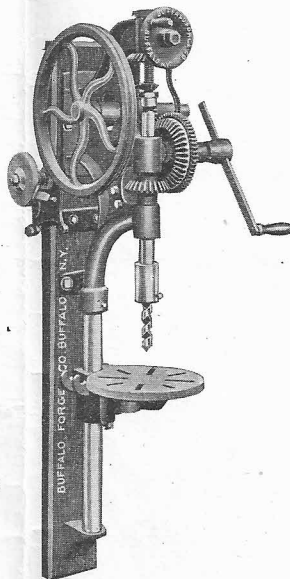


No. 71 DRILL.

BUFFALO DRILL, No. 71.

No. 71 is ball bearing has a capacity of $1\frac{1}{4}$ -inch holes to the center of 11-inch circle. Length, 44 inches. Run of feed, 5 inches. Weight, 130 lbs. Price, \$36.00.

Can be furnished with pulley and emery wheel.



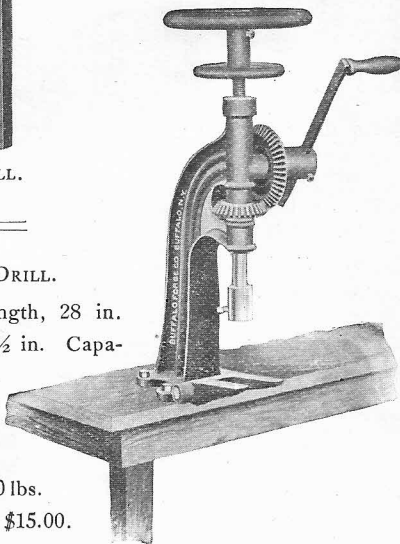
No. 74 DRILL.

Drills Nos. 74 and 75 are both ball bearing and have a capacity of $1\frac{1}{4}$ -inch hole to center of 15-inch circle. Length, 54 inches. Run of feed, 5 inches. Diameter of pulley where used is 8 inches. Automatic feed, triple gear.

No. 69 DRILL.

No. 69. Length, 28 in. Run of feed, $3\frac{1}{2}$ in. Capacity, $\frac{7}{8}$ -inch hole to center of 9-inch circle.

Weight, 50 lbs.
Price \$15.00.



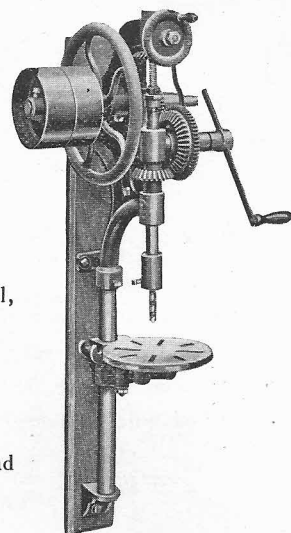
BUFFALO No. 69 HAND FEED DRILL.

Weight, No. 74, with emery wheel, 200 lbs.

Price . . \$46.00.

Weight, No. 75, with tight and loose pulleys, 210 lbs.

Price . \$52.00.



BUFFALO No. 75 DRILL.



Buffalo Forge Company, Buffalo, N. Y.

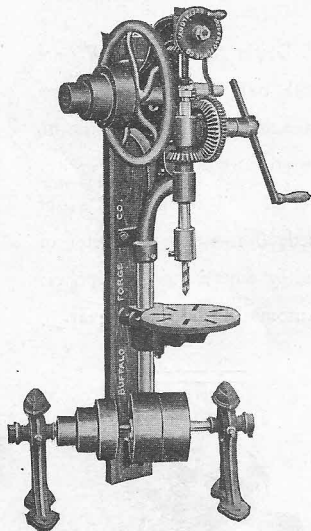


BUFFALO HAND AND POWER DRILL, No. 81.

This is the same drill as No. 74, but is fitted with cone pulley and countershaft.

Fitted with ball bearings, has a capacity $1\frac{1}{4}$ -inch hole to center of 15-inch circle. Length, 54 inches. Run of feed, 5 inches. Automatic feed, triple gear.

Weight, 270 lbs. Price, \$65.00.

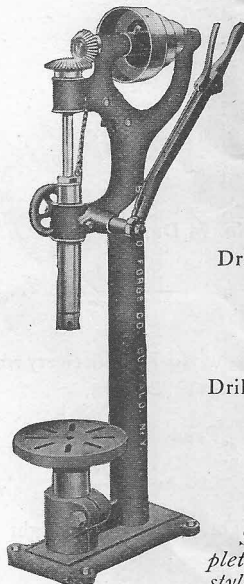


DRILL No. 81.

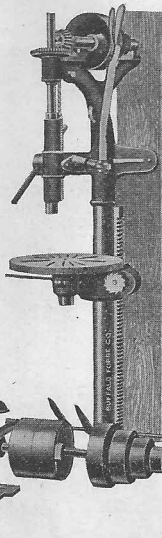
BUFFALO POWER FLOOR DRILL, No. 83, WITH LEVER FEED.

No. 83 is a lever-feed drill for power only. Drills to center of 13-inch circle. Length, 50 in. Run of feed, 8 in. Weight, 160 lbs.

Price \$65.00.



No. 83 POWER DRILL
WITH LEVER FEED.



No. 87 POWER DRILL.

Drill No. 87, complete with countershaft.

Weight, 425 lbs.

Price \$120.00.

Drill No. 88, complete with back gears and countershaft.

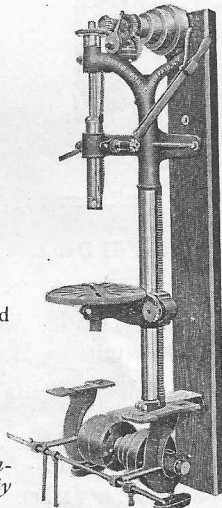
Weight, 450 lbs.

Price \$130.00.

Send for our catalogue, showing complete line of Drills. More than fifty styles.

Drills Nos. 87 and 88, are for power use with lever feed. Length, 66 inches. Run of feed, 8 inches. Drill to center of 20-inch circle.

The No. 88 Back Gear Drill may be furnished with special attachment for holding wheels while drilling the tires, when so ordered.



No. 88 DRILL.