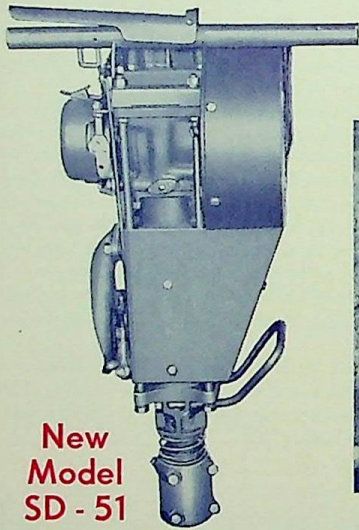


# LINE HAMMER

## SPIKE DRIVERS



New  
Model  
SD - 51



DRIVING SPIKES

For driving cut spikes into treated railroad ties, road form pins, spikes in bridge and deck work, etc., Syntron Spike Drivers do a better job at reduced costs.

### SPECIFICATIONS

Net Weight .....	100 lbs.
Overall Height .....	30"
Ignition .....	Flywheel Magneto
Cooling—Forced .....	Flywheel Fan
Fuel Feed .....	Gravity
Gas Tank Capacity .....	2 Qts.
Lubrication .....	Oil Mixed with Gasoline
Shipping Dimensions, Boxed .....	44" x 22" x 16"
Shipping Weight, Boxed .....	163 lbs.

# SYNTRON

100% Self-Contained

## GASOLINE HAMMERS

PAVING  
BREAKERS

ROCK  
DRILLS

SPIKE  
DRIVERS

New Electric  
Governor  
Automatically  
Provides Max.  
Blow With  
Open Throttle



Throttle  
Control  
Of Power

Magneto  
No Battery  
No Cable

New, Heavy Piston  
Adds 50% More  
Fracturing Power  
To Each Blow

Free Piston  
Strikes Directly  
On Tool Shank  
—No Springs

## Bust—Cut—Dig—Tamp—Drive—Drill

Buy through your distributor

ENSMINGER & COMPANY

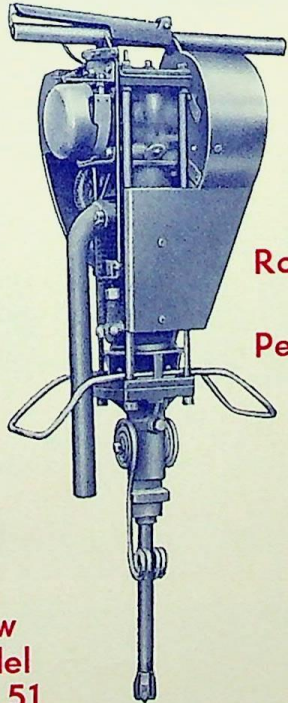
57 Wood Street

Wilkes-Barre, Pennsylvania

# SYNTRON

# "100% SELF-CONTAINED" GASOLINE

## ROCK DRILLS



**Drill  
Rock up to  
20"  
Per Minute**

**New  
Model  
RD - 51**

### SPECIFICATIONS

Net Weight (no tool)	118 lbs.
Overall Height (no tool)	37"
Ignition	Flywheel Magneto
Cooling—Forced	Flywheel Fan
Fuel Feed	Gravity
Gas Tank Capacity	2 Qts.
Lubrication	Oil Mixed with Gasoline
Shipping Dimension, Boxed	44" x 22" x 16"
Shipping Weight, Boxed	181 lbs.

## ROCK DRILLS

Sharp, powerful blows; plus high torque rotation of the bit; plus continuous exhaust gas pressure cleaning of the hole provides for fast, economical drilling in rock of up to 2½" dia. holes at a rate of up to 20" per minute.

The quick, standard insertion of drill steels and bit—a pull of the starting rope—easy, accurate spotting of work while the engine idles and tool remains still—electric-governor control of power assuring fast drilling without stalls—completely automatic and thorough cleaning of hole to prevent jamming—these are just a few of the RD-51's features that permit efficient operation by any one unskilled workman.

The RD-51's exhaust gas pressure through hollow drill steels will clean out holes down to a depth of 18" to 24". For deeper drilling—down to 8 or 10 feet—a small, light-weight, engine-driven blower is used to boost air pressure.

Extremely portable and 100% self-contained, the Syntron Model RD-51 is a "natural" for general contractors, railroads, highway departments, public utilities, prospectors, geologists, strip miners, quarriers, or anyone who requires a tool for fast, economical drilling in all kinds of rock.

For most efficient operation carbide-tipped drill bits are used with standard 1" x ¼" shank hollow drill steels.



**New Type  
Piston Assures  
High Torque  
Rotation of  
Drill Bit**

## ROCK DRILLS



### FOUR POINT H-THREAD DRILL BITS

Carbide-tipped bits are available in the following sizes: 1½", 1¾", 1¾", 1¾" and 2".



### HOLLOW DRILL STEELS



Standard 1" x ¼" shank hollow drill steels are available in lengths: 18", 24", 36", 48", 60", 72", 96" and 120".

### AUXILIARY BLOWER

For hole drilling from 24" to 8 or 10 feet, a gas engine driven blower weighing 84 lbs. and delivering 20 cu. ft. of free air per minute is available.

# NEW, IMPROVED SYNTRON "100%

## PAVING BREAK

SYNTRON Gasoline Hammers are made up of a single cylinder, air-cooled engine having two pistons. One piston actuates the fly-wheel magneto and cooling fan. This is at the top of the Hammer. The other piston, the striking piston, is a free piston and actuated by the tremendous ex-

### PAVING BREAKERS

plusive pressure, strikes directly on the shank of the tool. The use of a new, heavy piston now adds more fracturing power to each blow. This striking piston is returned by the "up" position for the next explosion by low gas pressure.

A hand throttle controls the power of the Hammer. In addition to the throttle,

### ROCK DRILLS

a new electric governor automatically assures maximum blow with throttle open. SYNTRON offers many advantages over other hammer drills. **Low Initial Cost**—no expensive air compressor, hose and accessories. **Low Maintenance Cost**—no batteries to run down; no springs to fatigue and break. **Low Operating Cost**

### SPIKE DRIVERS

—consumes less than 2 quarts of fuel per hour under continuous running. **Rugged Construction**—to stand rough, hard service, job after job. **Easy Starting**—summer or winter, by a simple pull of the rope. **Extreme Portability**—small and compact in size; no accessories; can be stowed in trunk of car; no hose to kink or tangle. **Simple Design**—easy cleaning or inspection. **Cool Running.**



New  
Heavier  
Fracturing Blow  
Piston

New  
Model  
PB-51

Summer or Winter - - - al

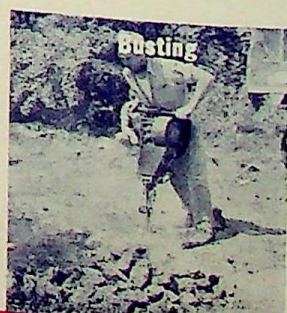
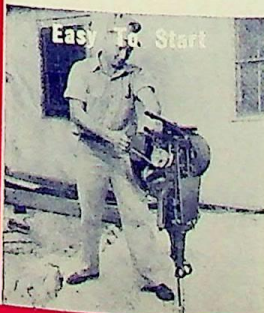
The fast, efficient, low cost operation of a Syntron PB-51 Gasoline Hammer Paving Breaker will save you money on job after job.

It's doubly portable—compact design and absence of compressor, hose, cable, battery box, etc. offer both to-the-job and on-the-job portability for easy, one-man operation.

It's more than powerful—its fracturing blows powered by the explosive energy of gasoline can be varied or stopped by the finger-tip throttle control while the new electric governor provides maximum blow with open throttle—doing a better job at reduced job-time and job-fatigue.

It's dependable—summer or winter, on your regular jobs or in an emergency, your Syntron PB-51 is ready for quick, easy operation.

It's versatile—used the world over to bust concrete, cut asphalt, dig clay and shale, dig frozen ground, dig pole holes, drive ground rods, drive sheathing, tamp backfill and to speed up dozens of other jobs.

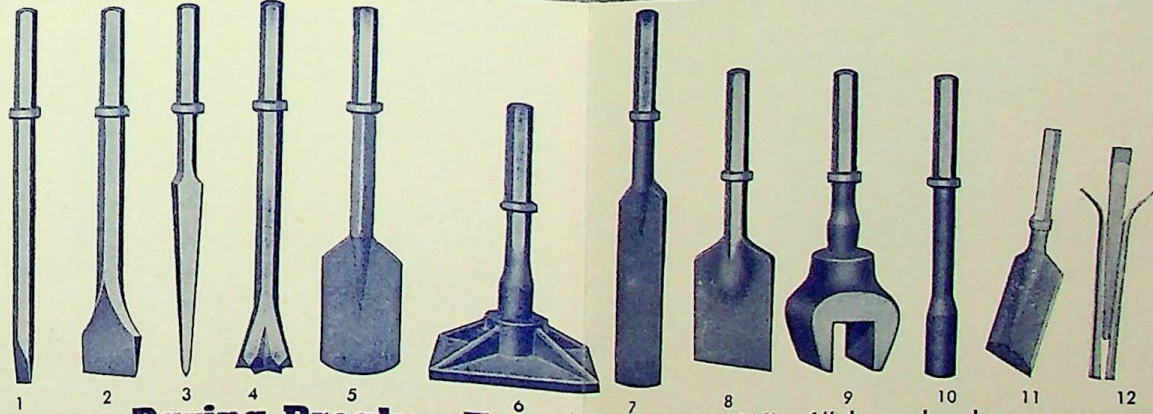


# SELF-CONTAINED" GASOLINE HAMMER BREAKERS SAVE WORK—SAVE MONEY—SAVE TIME

Syntron Paving Breakers keep costs down for general contractors, public utilities, railroads, highway departments, cemeteries, prospectors, factory maintenance men, etc. Before you buy—either your first paving breaker, or next—try the new, improved Syntron PB-51. Work it side by side with any other paving breaker on a really tough job—and compare. Feel the smooth, easy operation—the surplus power—of the PB-51. See how fast the Syntron Paving Breaker does its work. Study all the facts—then specify SYNTRON.

### SPECIFICATIONS

Net Weight (no tool)	97 lbs.
Overall Height (no tool)	32"
Ignition	Flywheel Magneto
Cooling—Forced	Flywheel Fan
Fuel Feed	Gravity
Gas Tank Capacity	2 Qts.
Lubrication	Oil Mixed with Gasoline
Shipping Dimensions, Boxed	44" x 22" x 16"
Shipping Weight, Boxed	160 lbs.



### Paving Breaker Tools—All with 1 1/2" x 6" hex shanks

- 1. Gad
- 2. 3" Chisel
- 3. Frost Wedge
- 4. Solid Drill Steel
- 5. Clay Spade
- 6. Tamper
- 7. 3" Digger
- 8. Asphalt Cutter
- 9. Sheathing Driver
- 10. Ground Rod Driver
- 11. Offset Trimming Spade
- 12. 2" Plug and Feathers

ays ready to go anywhere - - - to bust, cut, dig, tamp, drive, etc.

