

# Better Drill Bits

## The Sullivan Drill Steel Furnace

*Has Been Designed Especially for Heating Drill Steel.*

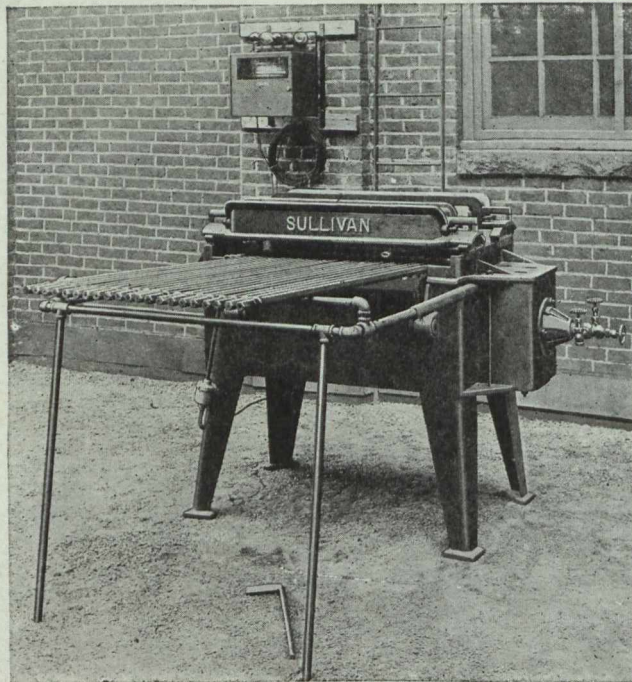
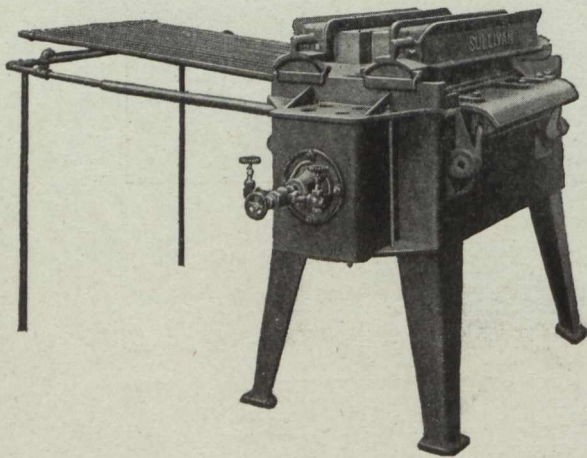
The Sullivan forge burns fuel oil or gas, the blast being furnished by air at low pressure.

*It possesses these advantages:*

1. Uniform temperatures secured; no danger of burning steel.
2. Great capacity; each side of the furnace will hold 16 to 25 steels.
3. Adaptability to different kinds of fuel.
4. Flexibility providing for heating any part of the steel desired.
5. Ease of adjustment and repair. Standard size fire brick are used throughout.
6. Economy of fuel and compressed air. A signalling pyrometer is recommended, to keep an exact check on the heat maintained.

*The Sullivan furnace occupies a space of 4 ft. 9 in by 2 ft. 9 in., and weighs 2500 lbs.*

Ask for New Bulletin No. 674.



Sullivan Oil Forge and Pyrometer

One of Our Customers Writes as follows:

*(Name and address on request)*

“Before the installation of the Sullivan furnace, two coal fires were necessary to keep the sharpener going. The new furnace has eliminated the use of coal and the need of one man. This, as you will see, is a great saving, but greater than this is the saving of drill steel. Not one piece has been burned by the use of the furnace.

“The cost of operation is ten cents per hour. The upkeep of the furnace, such as relining with bricks, etc., has been nothing during the three months of operation.

“The furnace is free from smoke, heats the steel thoroughly, uniformly, gradually, and rapid enough for the sharpener. Both sides of the furnace are used at the same time.

“The furnace is highly satisfactory.”

## Sullivan Machinery Company

NEW YORK  
LONDON  
SHANGHAI  
TORONTO

122 South Michigan Avenue, Chicago

SANTIAGO  
PARIS  
VANCOUVER  
SYDNEY