

POWER PLANT ENGINEERING

PLAINTIFF'S
EXHIBIT

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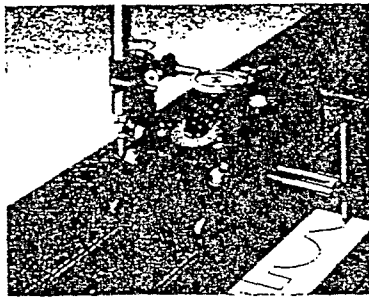
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Portable Cutting Machine

THE HARRIS CALORIFIC Co., Cleveland, O., announce a new and improved Model K portable, motor-driven gas cutting machine.

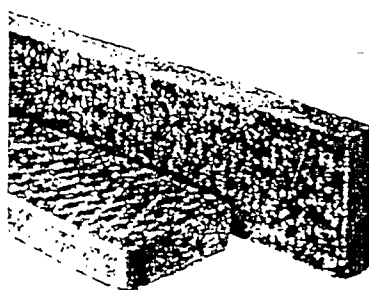


The Model K is powered by a Universal Electric Motor and will cut straight lines of any length, with square or beveled edges; 1 to 80 in. diam. circles with standard equipment; possesses a speed range from 3 to 60 in. per min. forward or reverse. An instant stop feature permits cutting of sharp angles, and a tracing feature provides for cutting irregular forms. Mounting for 2 torches is provided. It weighs 45 lbs. complete with torch.

Many different Harris torches are available for this machine to efficiently use acetylene, propane, natural gas and other fuel gases in combination with oxygen.

Insulating Block

B-H Mono-Block is the name of a new insulating block developed by Baldwin-Hill Co., 577 Kluge Avenue, Trenton, N. J., and suitable for a full range of temperatures up to 1600 deg. F. It is fabricated of B-H Black Rockwool, felted and bonded together to form a semi-hard block that is light in weight, easily cut and fitted around equipment having curved surfaces of large radii as well as flat surfaces. It is especially adapted to boiler walls, breechings, ducts, tanks, towers and similar hot equipment and is



made in lengths from 18 to 36 in., widths from 6 to 12 in. and thicknesses from 1 to 4 in. To facilitate application of this block, it is advisable to use B-H Bond-Tite, a highly efficient adhesive that holds the block in place against the surface being insulated and is effective in sealing porous surfaces.

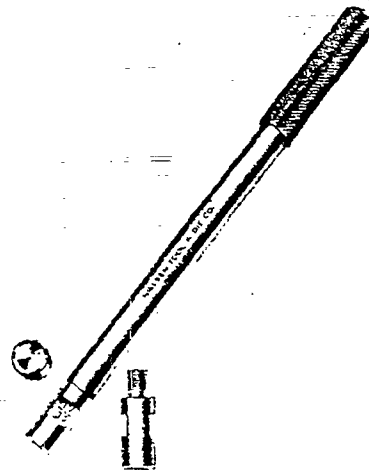
Air Hose for Hot Oil Service

RECOMMENDED for use where excessive hot oil conditions are encountered, The B. F. Goodrich Co., Akron, Ohio, announces the addition of a new air hose made with a synthetic tube and rubber cover. It is known as Type 54.

Laboratory tests indicate that the synthetic tube used in this construction should give two to three times longer service life when exposed to the same conditions as a tube made of natural rubber. The hose is built with a smooth green abrasion resistant cover.

Transfer Screw and Punch Set

A NEW method for transferring screw and stud holes as well as blind drill holes from a drilled surface to another that is to be drilled in duplicate has been perfected in the Neilsen transfer screw and punch sets now available from Neilsen Tool & Die Company, Berkely, Mich. Layout punches are made to transfer drill



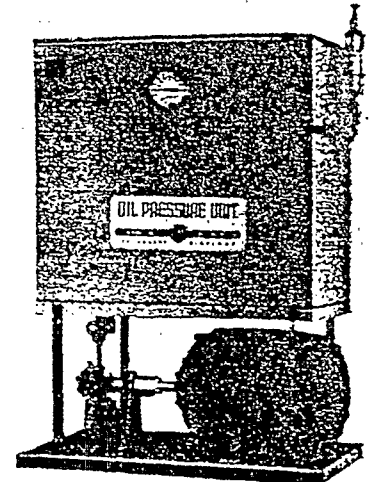
holes through a drilled section in diameters from 17/64 to 59/64 in. The punch is made with a case hardened tip that is removable for replacement and, when a solid blow is struck on the punch head, will transfer the drill center and drill circle with complete accuracy. Center and drill circle penetrate steel to a depth of 0.010 in. Transfer screws are made with a shoulder support of uniform height enabling holes of various sizes to be transferred in the same plane at one impression.

Gasket

A NEW kind of gasket which embodies a combination of the desirable properties of asbestos and neoprene has been introduced by Victor Manufacturing & Gasket Co. of Detroit, Mich. The gaskets are made by a new process which results in an entirely different type of product from the usual rubber or neoprene bound asbestos composition commonly known as super-heat packing. These new gaskets are not supplied in sheet form. In the manufacturing process they are first blanked from asbestos sheet material. Then the gasket is coated with a neoprene cement developed especially to increase its resistance to the passage of gases and liquids.

Oil Pressure Unit

A NEW compact oil pressure unit designed for circulating lubricating oil at a predetermined uniform pressure through lantern glands of stuffing boxes, through large bearings, and for supplying oil to hydraulic equipment, heat treating systems or where there is the problem of circulating or supplying oil at a uniform pressure, is announced by the Duramatic Corporation, 2104 Factory Street, Kalamazoo, Michigan. This Oil Pressure Unit features a manual type regulator to provide a circulation up to 100



lb. pressure, a cooling coil of seamless copper tubing, an oil filter, pressure pump, explosion-proof electric motor, cast iron base, vapor-proof lid, oil tank vent, oil level gage and pressure gage. Unit is supplied complete or as a motor-pump assembly.

Flashlight Extension

THIS device known as the Sierra Flashlight Bulb Extension, is made by the Sierra Aircraft Co., Sierra Madre, Cal., of special wire encased in high-grade aluminum alloy tubing, to aid in making close inspections. The extension has



lengths from 6 to 36 in. Its plug is screwed into any flashlight. Being adjustable it can go down into inaccessible mechanisms or around corners. Engineers and inspectors can make it into a hook or into its own stand so that both hands are free to work with the light at the exact location desired.