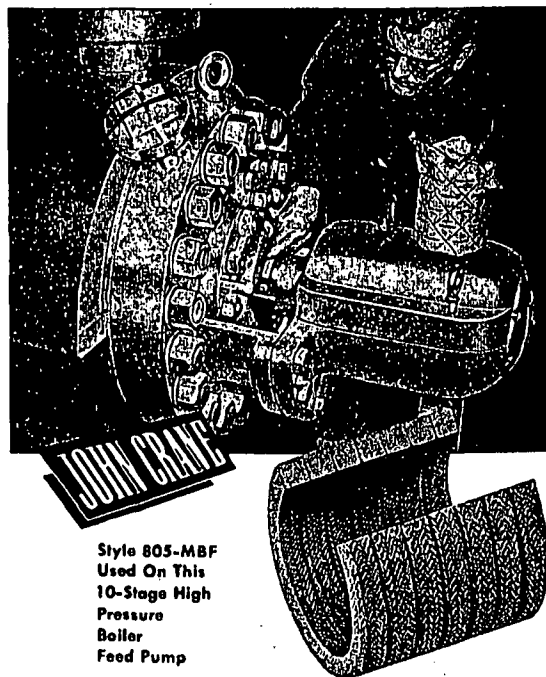


Take a good look at this critical PACKING INSTALLATION...



**Style 805-MBF
Used On This
10-Stage High
Pressure
Boiler
Feed Pump**

This set of packings is going to handle a tough job. The pump is rated at 965 gpm, 4250' total head, handling hot (312°F.) boiler feed water at 89½ suction pressure and driven by a 3850 rpm induction motor (shaft sleeves are chrome plated—675 Brinell).

There are many styles of "John Crane" Packings—but Style 805-MBF was recommended and used because it was developed and developed alone for high speed centrifugal boiler feed pumps. The natural lubricating characteristics in the design of the monel and asbestos yarn braid-over-braid construction makes it a strong, wear resistant packing. Used in hundreds of installations all over the world—it has proved to be a highly efficient, long-life, trouble-free packing that gives you the results you want.

For quick action, let our Engineering Department help you. Write for latest "John Crane" Packings Catalog. Crane Packing Company, 1830 Cuyler Avenue, Chicago 13, Illinois.

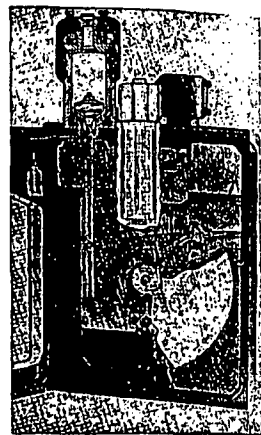


CRANE PACKING COMPANY

MORE EQUIPMENT NEWS

Continued on page 136

in, hose, fire extinguisher, fireman's axe, spanner wrench. Standard sizes come in five widths and three heights. Elkhart Brass Mfg. Co., Inc., 1302 W. Beardley Ave., Elkhart, Ind.



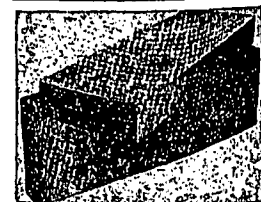
Mercury Manometer

622 • High-pressure mercury manometer is designed for routine operation at pressures up to 5000 psi. Features of the instrument include magnetic coupling between float and follow-up linkage, stainless steel float and range tubes, free-riding float to seal against upper or lower O-rings in float chamber, temperature compensation. Unit is also offered with a recorder that can be used with McGaughey-type continuous integrating mechanisms.

Float operates through a 2-in. linear travel in low pressure range tube. Range tubes are available for 100, 200 and 400 in. of water standard, or higher if specified. Stainless steel construction permits use directly with corrosive fluids.

Flacher & Porter Co., 10 Jacksonville Rd., Hatboro, Pa.

For more data on these items, use post card, p. 165. Identify your request with item number.



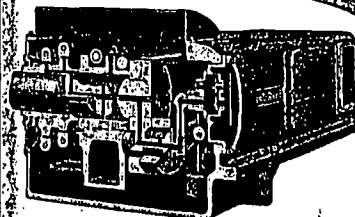
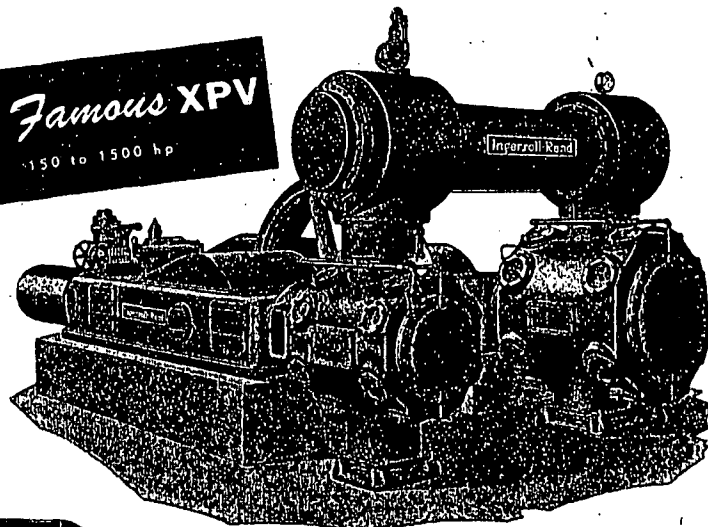
Insulating Blocks

652 • Super-temp pressure vacuum insulating blocks are suited for temperatures up

Sets the Standard for STEAM-POWERED COMPRESSORS

The Famous XPV

150 to 1500 hp



This cross-section through one of the main bearings of the new XPV shows its unique lubrication system. The combination oil-pump drive and distribution system (patented) supplies oil through drilled passages directly to the crankpin and main bearings, valve-gear eccentrics, and crossheads.

All of the oil discharged from the pump passes through a fine-mesh bronze filter before entering the distribution system. The oil stays clean and bearing surfaces are protected.

Because the frame is sealed, oil stays in; and dust and dirt stay out. The oil in the crankcase keeps clean, and the smooth contours of the frame make it easier to keep clean outside.

Ever since the first steam-powered compressor of "4-corner" construction was built by Ingersoll-Rand in 1900, I-R "steamers" have been the standard of comparison. Through the following years, other models introduced such precedent-breaking improvements as: balanced-piston-valve riding cut-off steam end, double-crosshead and tie-rod construction, and Channel Compressor Valves.

The new XPV sets a truly new standard of comparison. Many of the outstanding features of the old XPV have been retained because of their advantages. Many improvements have been introduced to make a superior compressor.

One of the outstanding features of the new XPV is its full-floating bearings. Main, crankpin, and crosshead-pin bearings are all free to rotate; rubbing speeds are reduced, and bearing loads and lubricant are distributed evenly around the entire bearing surface both inside and out. The wear on these non-adjustable bearings is almost non-existent, and the sealed, dust-tight frame need be opened only for inspection.

Part by part, and as a complete unit, the new XPV has been designed to compress air or gas with the greatest over-all efficiency. For further information ask the nearest I-R branch office for Bulletin 3444-A. Call upon Ingersoll-Rand engineers to prove why you should use this new XPV, the new standard of comparison.

Ingersoll-Rand

11 BROADWAY, NEW YORK 4, N. Y. 378-1