

# Spin the Globe...



Wherever it stops you'll find Zallee Expansion Joints selected as the ideal medium for absorbing axial and lateral movement due to thermal changes in all kinds of pipelines.

A central heating plant in Iceland, a refinery in Texas, a power plant in India... all over the world engineers have selected Zallee Expansion Joints for dependable performance. And here's why... No packing to deteriorate... No maintenance required... Longest service life assured.

There's a Zallee Expansion Joint for almost any application—made of copper, stainless steels or other corrosion-resistant alloys in diameters from 3" upward for temperatures from sub-zero to 1600° F. Available for pressures from vacuum to 300 psi in standard designs and up to 1000 psi in special designs.

You'll want this brand new 60-page Zallee Catalog 47 which describes these joints, their manufacture and how to select the proper expansion joint for your application—all in a profusely illustrated easy-to-read form. Use it as a guide or as a permanent reference source. Write for it TODAY to: Zallee Brothers and Johnson, 814 Locust Street, Wilmington 99, Del.



## Zallee

EXPANSION JOINTS

WORLD'S LARGEST MANUFACTURERS OF EXPANSION JOINTS EXCLUSIVELY

may be used for fuel or lubricating oil—straight mineral or heavy-duty additive oil—and will not remove or affect the additive. Bag filters come in sizes from 1- to 400-gpm filtering capacity, depending on viscosity and pressure. Filter has a ball-valve relief valve for safety if cleaning is neglected or oil is cold and viscous upon starting. If such protection is provided in connecting piping, built-in relief valve is omitted. Wm W Nugent & Co, Inc, 410 N Hermitage Ave, Chicago 22, Ill.

### Welding Flux

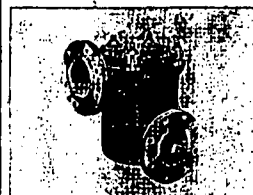
E66

DESIGNATED AS AIRCO FORMULA No. 34, new welding flux has been specifically compounded to dissolve chromium oxides encountered in welding stainless steel and other high chromium-bearing alloys. It replaces the flux known as *Kromax*. It is available in 1- and 1-lb cans. Dept 1630, Air Reduction Sales Co, 60 E 42nd St, New York 17, N. Y.

### Condensate System

E67

NEW CONDENSATE-RETURN SYSTEM provides constant flow of steam and rapid return of high-temperature condensate to the boiler. Manufacturer says that all water fed to the boiler is desalted by effective liberation of free oxygen and non-condensable gases. Systems are available for steam pressures up to 250 psi. It requires no pumps or other mechanism for operation. W H Acker Organization, 3167 Fulton Rd, Cleveland, Ohio.



### Pipeline Strainer

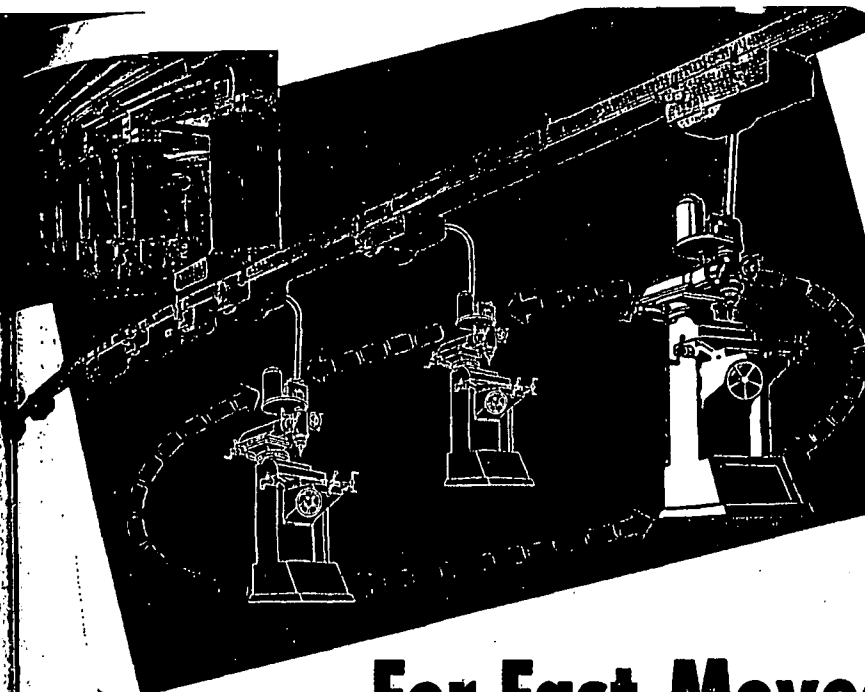
E68

ORFEE STRAINER permits complete draining with the line. With inlet and outlet at right angles, strainer may be installed to form a right angle connection in a piping system. Cover is removable for lifting out perforated strainer basket. Cleanout plug permits steam blowdown cleaning when practical. Made in cast bronze, steel, semi-steel or iron, or alloy metals for corrosion resistance. Models are available for working pressures from 125 to 500 psi in sizes from 1 1/2 to 12 in. in diameter, with flanged, screwed or welding connections. J A Zurn Mfg Co, Erie, Pa.

### Welding Rod

E69

EuroRod 188 welding rod has a maximum hardness up to 67 Rc. The new alloy has a bonding temperature of 1800 F and remelts at 1950 F. In addition to



## For Fast Moves

### Relocate machines with no delays for rewiring

Power can be taken off wherever needed with this convenient, flexible and economical distribution system.

Power where you want it—with Trumbull FLEX-A-POWER Plug-In Busways—gives you maximum flexibility in machine arrangement without the cost and nuisance of rewiring each time you change the layout.

With FLEX-A-POWER Plug-In Busways covering your whole plant, you can

move a machine or a whole line of machines with no interruption of power. Convenient outlets every 12 inches permit plug-ins right at the load.

Even when major changeovers require moving an entire department, the FLEX-A-POWER system can be moved along, too—dismantled, removed and reinstalled quickly, with practically 100% use of all materials.

That's because every part of a Trumbull Busway System is prefabricated,

which of course reduces original installation and construction costs. FLEX-A-POWER is stocked in standard foot lengths and is available in capacities from 250 to 1000 amp. with all necessary fittings and accessories.

Send for Bulletin. THE TRUMBULL ELECTRIC MANUFACTURING CO, Plainville, Conn. Other factories at New York, Ohio • San Francisco • Seattle • N. Hollywood. Sales offices and representatives in all important cities.



*The OVERHEAD  
that pays for itself  
in Cost Reduction*

TRUMBULL  ELECTRIC

# FLEX-a-Power