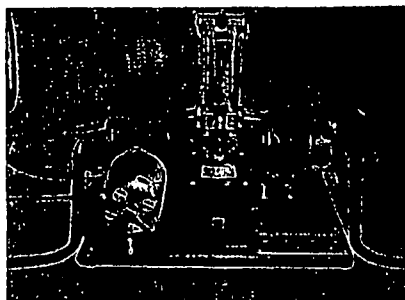


More EQUIPMENT NEWS

Begins on page 156

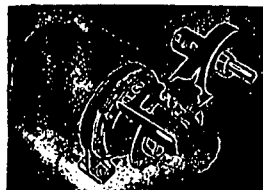


Air Filter Tester

648 • Dill dust-spot tester is designed to measure accurately efficiency of air filters on the job rather than in laboratories of filter manufacturers.

Apparatus consists essentially of drawing samples of dirt and cleaned air through filter paper. Efficiency of a filter is determined by amount of light transmitted through the filter paper, measured by photoelectric instruments.

Trion, Inc., 1000 Island Ave., McKees Rocks, Pa.



Variable-Speed Drive

632 • Flexi-speed drives may be mounted in almost any position around the driven equipment, may drive in any direction, and can deliver any desired speed within ratio of 8 to 1. Speed-control handwheel can be parallel to motor shaft or in any of 8 positions perpendicular to it. Units are available in 1/2, 3/4 and 1 hp capacities. Bulletin V-532.

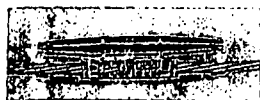
Reeves Pulley Co., Columbus, Ind.



Overload Release Clutch

634 • New clutch has instantaneous trigger action and is designed to allow machines to resume operation at the exact cycle point of release. Unit is permanently lubricated, can be used over a wide range of speeds and shaft sizes, manufacturer claims.

Overload Release Clutch Co., Inc., Dept. E., 1162 Stuyvesant Ave., Irvington, N. J.



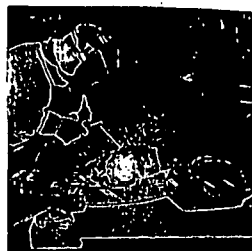
Cable Splice

636 • New 55 series Straightline splice requires conductors to feed through the jaws. There are openings only at tube ends; pilot cups in each opening guide the conductors home, preventing false grip.

Splice is made of copper and copper

CHECK THESE TOOL...

Iodine titration reagent.....	p 172
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Portable Electric Arc Welder

617 • Royal arc-hand portable welder uses 110/220 v ac, has heat range of 15 to 200 amps. Unit uses electrodes from 3/64 to 5/32 in., has a 50% duty cycle, manufacturer claims. Unit welds any metal up to extra-thick steel plate, can also be used for brazing, soldering, cutting or preheating using either the metallic arc or carbon arc process.

Royal Equipment Corp., 906 Main St., Burbank, Calif.

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



Fuse Links

649 • New lines of standard distribution fuse links are electrically and mechanically interchangeable with other makes of EET-NEMA standard units. Features include low melting temperatures, continuous current-carrying capabilities in excess of ratings, and long auxiliary tubes.

Line includes both type K (fast), with (Continued on page 172)

RIGHT DRAFT

ALLIS-CHALMERS

POWER PLANT CONTROL

Stepless, Wide Range Speed Control of Direct Coupled Draft Fans

Type 257 Liquid Rheostats control the speed of boiler driven by wound rotor motors you get:

Immediate response to varying draft conditions.

Smooth, continuous, stepless speed control.

Equal sensitivity over the entire operating range.

HOW IT WORKS. Motor speed is varied by increasing and decreasing resistance. This is accomplished by raising and lowering electrodes and the level of current-carrying electrolyte. A pilot wire transmits draft condition to a lifting mechanism which controls electrode position and electrolyte level. A full resistance range is provided in only 10 inches of electrode travel. The basic principle of liquid rheostat operation plus the utilization of specially engineered electrodes gives a linear relationship between motor speed and electrode travel over the complete rheostat range.

Since the rheostat is not mechanically connected to the motor it may be located to suit the most convenient plant layout. For complete details, contact your Allis-Chalmers representative or write Leaflet 1457544.

A-4046

ALLIS-CHALMERS

Milwaukee 1, Wisconsin

