

(Magnified 800 times)

Picture of a splitting headache

That's how most plant engineers feel about this tiny piece of dust from a plant stack. Tiny, but a terrific troublemaker!

Armed with the latest scientific facts and most modern equipment, Buell engineers have successfully licked the dust problem for many of America's Leading Corporations.

Such success is the result of more than twenty years of scientific *research plus a sound approach to each individual problem.*

As a result, users of Buell equipment often report startling improvement in plant-community relations as well as increased production directly traceable to higher employee morale. In many instances such benefits offset the cost of an installation.

Our informative brochure—The Collection and Recovery of Industrial Dusts—explains *all three* Buell systems for industrial dust collection. For your complimentary copy write Dept. 50-J, Buell Engineering Company, 70 Pine Street, New York 5, N. Y.

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MECHANICAL ELECTRICAL *20 Years of Engineered Efficiency in* **DUST COLLECTION SYSTEMS**

More FREE BULLETINS

Begins on page 1[illegible]

2-color folder. Photos and specs for various types. Bulletin 735B, Detroit Hoist and Machine Co, 8201 Morrow St, Detroit 11, Mich.

39 Diesel industrial tractors equipped with *Shoreloader* assemblies discussed in 4-page, 2-color folder. Photos and full specs. Bulletin A5201-1, Baker-Lull Corp, 314 W 90th St, Minneapolis 20, Minn.

MECHANICAL TRANSMISSION

40 Roller chain wheels with taper bushings covered in 16-page, 2-color booklet. Photos, dimensional drawings, full specs included. Book 2449, Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill.

41 Packaged adjustable-voltage drives for variable speed applications featured in 16-page, 2-color booklet. Full specs and photos on construction, application, operation. Booklet B-5808, Westinghouse Electric Corp, Box 2099, Pittsburgh 30, Pa.

42 Worm gearing and its application and performance throughout industry explained in 36-page, 2-color booklet entitled, *Cone-Drive Gears Yet Work in Industry.* Presents 32 successful applications in 30 different industrial classifications. Bulletin CD-173, Michigan Tool Co, Cone-Drive Gears Div, 7171 E McNichols Rd, Detroit 12, Mich.

METAL & ALLOYS

43 Copper and its alloys discussed in 28-page, 2-color booklet entitled, *Corrosion Resistance of Copper and Copper Alloys.* Explains chemical and physical nature of corrosive attack in its various forms. Photos and property specs included. Bulletin B-34R, American Brass Co, 25 Broadway, New York 4, N. Y.

44 Aluminum and its uses in process industries treated in 8-page illustrated booklet. Spec tables show materials that may be handled with aluminum, composition and properties of alloys, other engrg data. Aluminum Co of America, 808 Alcoa Bldg, Pittsburgh 19, Pa.

45 Iron ore beneficiation with the application of electric power described in 20-page illustrated booklet. Types of electrical equipment and systems best suited for each phase included. Booklet B-5858, Westinghouse Electric Corp, Box 2099, Pittsburgh 30, Pa.

46 New types of stainless alloy products with applications in oil, chemical, petro-chemical industries discussed in 10-page, illustrated booklet. Solar Aircraft Co, San Diego 12, Calif.

METERS & INSTRUMENTS

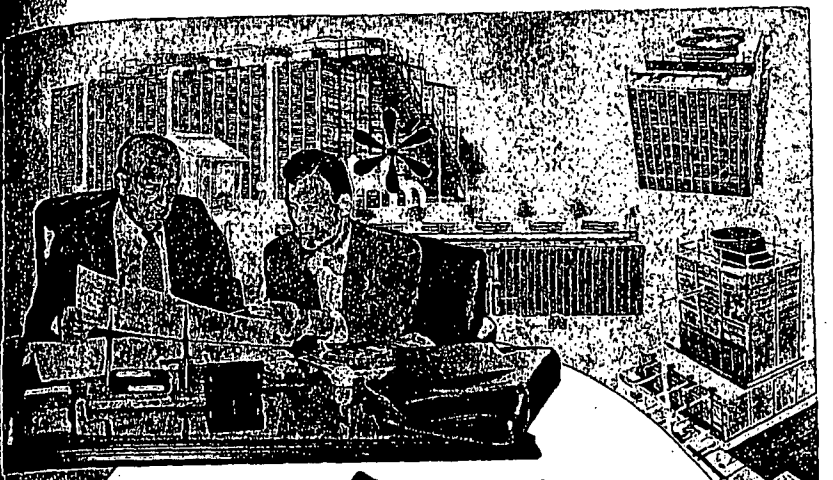
47 Orifice meter flow control unit for boiler blow-off covered in 8-page, 2-color, illustrated bulletin. Metering pumps for use with corrosive and abrasive fluids outlined in 8-page, 2-color, illustrated bulletin. Both booklets contain complete specifications. Madden Corp, 1842 Morse Ave, Chicago 26, Ill.

48 Electrical, mechanical and liquid level flow meters outlined in series of data sheets. Photos and specs included for each instrument. Spec sheets 341 through 345 incl. Minneapolis-Honeywell Regulator Co, Philadelphia 44, Pa.

49 Fuel flow instruments, controls, and accessory fittings presented in compilation of bulletins. Photos, full specs, performance data for various types of equipment listed. Bulletins 1100, 1200, 1300, 1400, 1600, and 1800. Revere Corp of America, Wallingford, Conn.

50 Speed measurement by vibration of tuned steel reeds as a substitute for mechanical tachometers and speed indicators described in 16-page, 2-color, illustrated booklet. Bulletin 31-P3, James G Biddle Co, 1316 Arch St, Philadelphia 7, Pa.

51 Meters for the measurement of liquids and gases by variable area



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