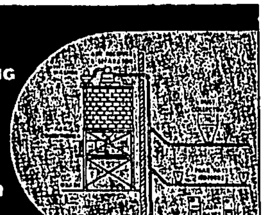


Cut ASH HANDLING Costs

With Modern Ash Removal...

The Beaumont "Vac-Veyor" System

THE ashes, siftings, soot, and dust are vacuum conveyed through a pipe from ash pits, stack, etc. to an ash receiver and separator at the top side of a silo. One man operates the system—keeps your plant cleaner with less labor. Initial and operating costs are rock-bottom—maintenance remains very low.

One contract—one responsibility—for Bulk Handling Systems.

Write for more information to:

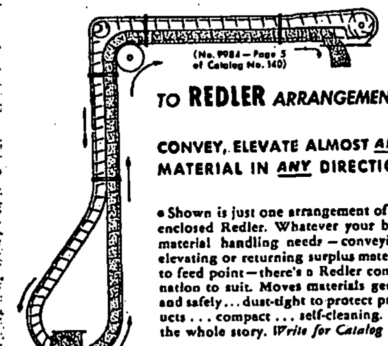
BEAUMONT BIRCH COMPANY

• 1502 RACE STREET • PHILADELPHIA 2, PA.

Designers • Manufacturers • Erectors

COAL AND ASH HANDLING SYSTEMS

NO LIMIT..



TO REDLER ARRANGEMENTS

CONVEY, ELEVATE ALMOST ANY MATERIAL IN ANY DIRECTION

• Shown is just one arrangement of an enclosed Redler. Whatever your bulk material handling needs—conveying, elevating or returning surplus material to feed point—there's a Redler combination to suit. Moves materials gently and safely... dust-tight to protect products... compact... self-cleaning. Get the whole story. *Write for Catalog 140.*

STEPHENS-ADAMSON

MFG. CO.

Conveyors
Elevators
Screens
Car Loaders
Car Pullers
Speed Reducers
SealMaster Ball Bearings
Winches

55 RIDGEWAY AVE., AURORA, ILL.

•Murray, D J, Mfg Co, Wausau, Wis.
National Conveyors Co, Inc, 50 Church St, New York 7, N. Y.
Palmer-Bee Co, 1710 Poland Ave, Detroit 12, Mich.
Robins Conveyors Div, 270 Passaic Ave, Passaic, N. J.
Shingle Leather Co, 1300 Walnut St, Camden, N. J.
Sprout, Waldron & Co, Muncy, Pa.
•Stephens-Adamson Mfg Co, 5 Ridgeway, Aurora, Ill.
Warren Brothers Roads Co, 38 Memorial Dr, Cambridge 42, Mass.

CONVEYORS, CONTINUOUS FLOW

Ajax Flexible Coupling Co Inc, English & Portage Sts, Westfield, N. Y.
American Coal Burner Corp, 12-18 E Erie St, Chicago 11, Ill.
Barber-Greene Co, Aurora, Ill.
Chain Belt Co, 1674 W Bruce St, Milwaukee 4, Wis.
Gifford-Wood Co, Hudson, N. Y.
Hewitt Rubber Div, 240 Kensington Ave, Buffalo 5, N. Y.
•Jeffrey Mfg Co, 932-99 N Fourth St, Columbus 16, Ohio
•Link-Belt Co, 300 W Pershing Rd, Chicago 9, Ill.
Palmer-Bee Co, 1710 Poland Ave, Detroit 12, Mich.
•Stephens-Adamson Mfg Co, 5 Ridgeway, Aurora, Ill.
Sturtevant Mill Co, 71 Harrison Sq, Boston 22, Mass.
Sullivan Div, Joy Mfg Co, Woodland Ave, Michigan City, Ind.
Warren Brothers Roads Co, 38 Memorial Dr, Cambridge 42, Mass.

CONVEYORS, DRAG

Bartlett, C O & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio.
•Beaumont Birch Co, 1505 Race St, Phila 2, Pa.
Bergen Point Iron Wks, Foot of W 5th St, Bayonne, N. J.
Brady Conveyors Corp, 20 W Jackson Blvd, Chicago 4, Ill.
Caldwell, W E Co, 1948 S Brook St, Louisville 8, Ky.
Chain Belt Co, 1674 W Bruce St, Milwaukee 4, Wis.
Continental Gin Co, 4500 S 5th Ave, Birmingham 2, Ala.
Fairfield Engrg Co, 320 Chicago Ave, Marion, Ohio.
Gifford-Wood Co, Hudson, N. Y.
•Hendrick Mfg Co, P O Box 497, Carbondale, Pa.
Jeffrey Mfg. Co, 932-99 N Fourth St, Columbus 16, Ohio
Joy Mfg Co, Oliver Bldg, Pittsburgh 22, Pa.
Lamson Corp, 303 Lamson St, Syracuse 1, N. Y.
•Link-Belt Co, 300 W Pershing Rd, Chicago 9, Ill.
McNally Pittsburg Mfg Co, Pittsburg, Kans.
•Murray, D J, Mfg Co, Wausau, Wis.
National Conveyors Co, Inc, 50 Church St, New York 7, N. Y.
Palmer-Bee Co, 1710 Poland Ave, Detroit 12, Mich.
Sprout, Waldron & Co., Muncy, Pa.
•Stephens-Adamson Mfg Co, 5 Ridgeway, Aurora, Ill.

CONVEYORS, FEEDER

American Manganese Steel Div, Chicago Heights, Ill.
Bartlett, C O & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio.
•Beaumont Birch Co, 1505 Race St, Phila 2, Pa.
Brady Conveyors Corp, 20 W Jackson Blvd, Chicago 4, Ill.
Chain Belt Co, 1674 W Bruce St, Milwaukee 4, Wis.
Continental Gin Co, 4500 S 5th Ave, Birmingham 2, Ala.
Fairfield Engrg Co, 320 Chicago Ave, Marion, Ohio.
Gifford-Wood Co, Hudson, N. Y.
•Jeffrey Mfg Co, 932-99 N Fourth St, Columbus 16, Ohio
Joy Mfg Co, Oliver Bldg, Pittsburgh 22, Pa.
•Link-Belt Co, 300 W Pershing Rd, Chicago 9, Ill.
McNally Pittsburg Mfg Corp, Pittsburg, Kans.
National Conveyors Co, Inc, 50 Church St, New York 7, N. Y.
Robins Conveyors Div, 270 Passaic Ave, Passaic, N. J.
Shingle Leather Co, 1300 Walnut St, Camden, N. J.
Sprout, Waldron & Co, Muncy, Pa.
•Stephens-Adamson Mfg Co, 5 Ridgeway, Aurora, Ill.
Syntron Co, 492 Lexington, Homer City, Pa.
Union Chain & Mfg Co, 1947 Emmons St, Sandusky, Ohio
Warren Brothers Roads Co, 38 Memorial Dr, Cambridge 42, Mass.

CONVEYORS, FLIGHT

Barber-Green Co, Aurora, Ill.
Bartlett, C O & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio.
•Beaumont Birch Co, 1505 Race St, Phila 2, Pa.
Brady Conveyors Corp, 20 W Jackson Blvd, Chicago 4, Ill.
Chain Belt Co, 1674 W Bruce St, Milwaukee 4, Wis.
Continental Gin Co, 4500 S 5th Ave, Birmingham 2, Ala.
Fairfield Engrg Co, 320 Chicago Ave, Marion, Ohio.
General Conveyor Co, 38-38 22nd St, Long Island City 1, N. Y.
Gifford-Wood Co, Hudson, N. Y.
•Hendrick Mfg Co, P O Box 497, Carbondale, Pa.
Honan-Crane Corp, 1200 6th St, Lebanon, Ind.
•Jeffrey Mfg Co, 932-99 N Fourth St, Columbus 16, Ohio
•Kennedy-Van Saun Mfg & Engrg Corp, 2 Park Ave, New York 16, N. Y.
•Link-Belt Co, 300 W Pershing Rd, Chicago 9, Ill.
McNally Pittsburgh Mfg Corp, Pittsburg, Kans.
Material Movement Industries, Inc, 310 S Michigan Ave, Chicago 4, Ill.
•Murray, D J, Mfg Co, Wausau, Wis.
National Conveyors Co, Inc, 50 Church St, New York 7, N. Y.
Palmer-Bee Co, 1710 Poland Ave, Detroit 12, Mich.
•Stephens-Adamson Mfg Co, 5 Ridgeway, Aurora, Ill.
Sullivan Div, Joy Mfg Co, Woodland Ave, Michigan City, Ind.
Union Chain & Mfg Co, 1947 Emmons St, Sandusky, Ohio

CONVEYORS, PORTABLE

American Coal Burner Corp, 12-18 E Erie St, Chicago 11, Ill.
Bergen Point Iron Wks, Foot of W 5th St, Bayonne, N. J.
Fairfield Engrg Co, 320 Chicago Ave, Marion, Ohio.
General Conveyor Co, 38-38 22nd St, Long Island City, 1, N. Y.
Lamson Corp, 303 Lamson St, Syracuse 1, N. Y.
•Link-Belt Co, 300 W Pershing Rd, Chicago 9, Ill.
•Murray, D J, Mfg Co, Wausau, Wis.
Material Movement Industries Inc, 310 S Michigan Ave, Chicago 4, Ill.
Shingle Leather Co, 1300 Walnut St, Camden, N. J.
Silent Hoist & Crane Co, 841 63rd St, Brooklyn 20, N. Y.
•Stephens-Adamson Mfg Co, 5 Ridgeway, Aurora, Ill.
Sullivan Div, Joy Mfg Co, Woodland Ave, Michigan City, Ind.

CONVEYORS, SCRAPER

Bartlett, C O & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio.
•Beaumont Birch Co, 1505 Race St, Phila 2, Pa.
Chain Belt Co, 1674 W Bruce St, Milwaukee 4, Wisc.
Fairfield Engrg Co, 320 Chicago Ave, Marion, Ohio.
General Conveyor Co, 38-38 22nd St, Long Island City 1, N. Y.
Gifford-Wood Co, 420 Lexington Ave, New York 17, N. Y.
•Jeffrey Mfg Co, 932-99 N Fourth St, Columbus 16, Ohio
•Kennedy-Van Saun Mfg & Engrg Corp, 2 Park Ave, New York 16, N. Y.
•Link-Belt Co, 300 W Pershing Rd, Chicago 9, Ill.
McNally Pittsburg Mfg Corp, Pittsburg, Kans.
•Murray, D. J, Mfg Co, Wausau, Wis.
National Conveyors Co Inc, 50 Church St, New York 7, N. Y.

For additional information about products of manufacturers

Co, 1710 Poland Ave,
12, Mich.
Adamson Mfg Co, 5
Aurora, Ill.
Div, Joy Mfg Co, Wood-
Ave, Michigan City, Ind.

ORS, SCREW

John Phillips, Inc,
Ave & Reading R R,
Pa.
C O & Snow Co, 6200
Ave, Cleveland 5, Ohio.
Birch Co, 1505 Race
Phila 2, Pa.
Conveyors Corp, 20 W
Blvd, Chicago 4, Ill.
W E Co, 1948 S Brook
Louisville 8, Ky.
Gin Co, 4500 S 5th
Birmingham 2, Ala.
Engine & Foundry Co,
Florida Sts, San Fran-
Calif.
Engrg Co, 320 Chicago
Marion, Ohio
Wood Co, Hudson, N. Y.
Mfg Co, 932-99 N Fourth
Columbus 16, Ohio
Belt Co, 2410 W 18th St,
Ill.
Pittsburgh Mfg Corp,
Kans.
D. J, Mfg Co, Wausau,
Conveyors Co, Inc, 50
St, New York 7, N. Y.
Steel Fabricators, Inc,
Pa.
Leather Co, 1300, Walnut
Camden, N. J.
Adamson Mfg Co, 5
Aurora, Ill.
Waldron & Co, Muncy,

S, AIR, GAS

Heater Co, 280 Chicago
Buffalo 4, N. Y.
Corp, 300 S Geddes St,
1, N. Y.
Service & Engrg Co,
River St, Hoboken, N. J.
Engrg Corp, 1004 E Grand
Elizabeth 4, N. J.
Fans Div, American
& Metals, Inc, East
Ill.
Iron Wks Inc, Wal-
Ave, Downingtown, Pa.
2515 Southwest Dr, Los
43, Calif.
Corp, Ltd, 2500 S Atlantic
Los Angeles 22, Calif.
Wheeler Corp, 165 Broad-
New York 6, N. Y.
Co, W Main St, Waynes-
Pa.
Electric Co, 1 River Rd,
ectady 5, N. Y.
Mfg Co Inc, 415 Lexing-
New York 17, N. Y.
Tank & Mfg Co Inc, 4809
Ave, East Chicago, Ind.
Russell Co, 285 Madison
New York 17, N. Y.
Iron Wks, 280 Chicago
Buffalo 4, N. Y.
Rand Co, 11 Broad-
New York 4, N. Y.
D J, Mfg Co, Wausau,
John Boiler Works Co,
2nd St, St Louis 4, Mo.
Kelley Co Inc, East
sburg, Pa.
J F & Co, 908 Grand
Kansas City 6, Mo.
ting Machinery Co, 525
St, San Francisco 5,
Heater & Mfg Co Inc, 1407
Ave, Buffalo 13, N. Y.
Co, LaCrosse, Wis.
M H Co Inc, 140 Cedar
York 6, N. Y.
ington Pump & Machy
Harrison, N. J.
Radiator Co, 709 S Mar-
St, Racine, Wis.

S, BRINE

Heater Co, 280 Chicago
Buffalo 4, N. Y.
Locomotive Co, 30
St, New York 7, N. Y.
Gossett Co, 8200 N Austin
Morton Grove, Ill.
Corp, 300 S Geddes St,
1, N. Y.
Service & Engrg Co,
River St, Hoboken, N. J.
Engrg Corp, 1004 E Grand
Elizabeth 4, N. J.
Iron Wks Inc, Wal-
Ave, Downingtown, Pa.

Frick Co, W Main St, Waynesboro, Pa.
Graham Mfg Co Inc, 415 Lexington Ave, New York 17, N. Y.
Graver Tank & Mfg Co Inc, 4809 Todd Ave, East Chicago, Ind.
Griscom-Russell Co, 285 Madison Ave, New York 17, N. Y.
Hellman Boiler Wks, 132 Linden St, Allentown, Pa.
Howard Iron Wks, 280 Chicago St, Buffalo 4, N. Y.
Kopperman, Joseph & Sons, 210-18 New St, Phila 6, Pa.
Lummus Co, 420 Lexington Ave, New York 17, N. Y.
•Murray, D J, Mfg Co, Wausau, Wis.
Nooter, John, Boiler Works Co, 1400 S 2nd St, St Louis 4, Mo.
Patterson-Kelley Co Inc, East Stroudsburg, Pa.
Porter, H K, Co, Inc, 1032 Oliver Bldg, Pittsburgh 22, Pa.
Refrigerating Machinery Co, 525 Market St, San Francisco 5,
Ross Heater & Mfg Co Inc, 1407 West Ave, Buffalo 13, N. Y.
Trane Co, LaCrosse, Wis.
Treadwell, M H Co Inc, 140 Cedar St, New York 6, N. Y.
Vogt, Henry, Machine Co, 1000 W Ormsby St, Louisville 10, Ky.
•Whitlock Mfg Co, 77 South St, Hartford 1, Conn.
•Worthington Pump & Machy Corp, Harrison, N. J.
York Corp, York, Pa.

COOLERS, OIL

Alberger Heater Co, 280 Chicago St, Buffalo 4, N. Y.
•American District Steam Co, Bryant St, North Tonawanda, N. Y.
Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill.
Carrier Corp, 300 S Geddes St, Syracuse 1, N. Y.
•Condenser Service & Engrg Co, Inc, 85 River St, Hoboken, N. J.
Davis Engrg Corp, 1004 E Grand St, Elizabeth 4, N. J.
Downingtown Iron Wks Inc, Wallace Ave, Downingtown, Pa.
Fluor Corp, Ltd, 2500 S Atlanta Blvd, Los Angeles 22, Calif.
Graham Mfg Co Inc, 415 Lexington Ave, New York 17, N. Y.
Graver Tank & Mfg Co Inc, 4809 Todd Ave, East Chicago, Ind.
Griscom-Russell Co, 285 Madison Ave, New York 17, N. Y.
Harrison Radiator Div, General Motors Corp, Lockport, N. Y.
Hellman Boiler Wks, 132 Linden St, Allentown, Pa.
Howard Iron Wks, 280 Chicago St, Buffalo 4, N. Y.
Lummus Co, 420 Lexington Ave, New York 17, N. Y.
Modine Mfg Co, Racine, Wis.
•Murray, D J, Mfg Co, Wausau, Wis.
Nooter, John Boiler Works Co, 1400 S 2nd St, St Louis 4, Mo.
Patterson-Kelley Co Inc, East Stroudsburg, Pa.
Perfex Corp, 500 W Oklahoma Ave, Milwaukee 7, Wisc.
Porter, H K, Co Inc, 1032 Oliver Bldg, Pittsburgh 22, Pa.
Refrigerating Machinery Co, 525 Market St, San Francisco 5,
Rempe Co, 340 N Sacramento Blvd, Chicago 12, Ill.
Ross Heater & Mfg Co Inc, 1407 West Ave, Buffalo 13, N. Y.
Schutte & Koerting Co, 12th & Thompson Sts, Phila 22, Pa.
Sims Co, 1402 E 18th St, Erie, Pa.
Staples & Pfeiffer, 528 Bryant St, San Francisco 7, Calif.
Struthers Wells Corp, Warren, Pa.
Trane Co, LaCrosse, Wis.
Treadwell, M H Co Inc, 140 Cedar St, New York 6, N. Y.
•Vogt, Henry, Machine Co, 1000 W Ormsby St, Louisville 10, Ky.
•Whitlock Mfg Co, 77 South St, Hartford 1, Conn.
•Worthington Pump & Machy Corp, Harrison, N. J.
York Corp, York, Pa.
Young Radiator Co, 709 S Marquette St, Racine, Wis.

COOLERS, UNIT, ROOM

•Buffalo Forge Co, 488 Broadway, Buffalo 5, N. Y.
Carrier Corp, 300 S Geddes St, St. Syracuse 1, N. Y.
De Bothezat Fans Div, American Machine & Metals, Inc, East Moline, Ill.

bold-face type see advertisers' index pages 236–237

Fedders-Quigan Corp, 57 Tonawanda St, Buffalo 7, N. Y.
Frick Co, W Main St, Waynesboro, Pa.
General Electric Co, 1 River Rd, Schenectady 5, N. Y.
Hastings Air Conditioning Co Inc, 108 S Colorado Ave, Hastings, Nebr.
McQuay Inc, 1000 Broadway St, N E, Minneapolis 13, Minn.
Marlo Coil Co, 6135 Manchester Ave, St Louis 10, Mo.
•Murray, D J, Mfg Co, Wausau, Wis.
•Niagara Blower Co, 405 Lexington Ave, New York 17, N. Y.
Palmer Mfg Corp, 21st Ave at Fillmore St, Phoenix, Ariz.
Refrigerating Machinery Co, 525 Market St, San Francisco 5.
Sturtevant Div Westinghouse Elec Corp, Hyde Park, Boston
Trane Co, LaCrosse, Wis.
U S Air Conditioning Corp, Como Ave, S E, at 33rd St, Minneapolis, Minn.
•Westinghouse Electric Corp, Braddock Ave, East Pittsburgh, Pa.
Wilson Engrg Corp, 122 S Michigan Ave, Chicago, Ill.
•Worthington Pump & Machy Corp, Harrison, N. J.
York Corp, York, Pa.

COOLING SYSTEMS, GENERATOR

•Buffalo Forge Co, 488 Broadway, Buffalo 5, N. Y.
•Condenser Service & Engrg Co, Inc, 85 River St, Hoboken, N. J.
Griscom-Russell Co, 285 Madison Ave, New York 17, N. Y.
Pritchard, J F & Co, 908 Grand Ave, Kansas City 6, Mo.
Schutte & Koerting Co, 12th & Thompson St, Phila 22, Pa.
Trane Co, LaCrosse, Wis.
•Westinghouse Electric Corp, Braddock Ave, East Pittsburgh,

COOLING SYSTEMS, SPRAY

Binks Mfg Co, 3114-40 Carroll Ave, Chicago 12, Ill.
•Buffalo Forge Co, 488 Broadway, Buffalo 5, N. Y.

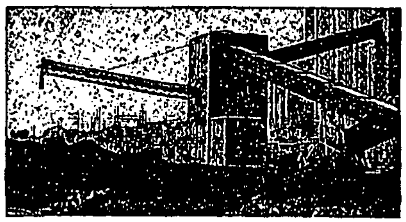
Carr, Clifford H, 614 W 67th St, Kansas City 5, Mo.
Carrier Corp, 300 S Geddes St, Syracuse 1, N. Y.
Clarage Fan Co, North & Porter Sts, Kalamazoo 16, Mich.
Deister Concentrator Co, 901 Glasgow Ave, Fort Wayne 1, Ind.
Fluor Corp, Ltd, 2500 S Atlantic Blvd, Los Angeles 22, Calif.
Lilie-Hoffmann Cooling Towers Inc, 4239 Duncan, St Louis 10.
Marley Co, Inc, 2001 Fairfax Rd, Kansas City 15, Kans.
•Murray, D J, Mfg Co, Wausau, Wis.
Pritchard, J F & Co, 908 Grand Ave, Kansas City 6, Mo.
Refrigerating Machinery Co, 525 Market St, San Francisco 5
Santa Fe Tank & Tower Co, 5401 Boyle Ave, Los Angeles 11
Spray Engrg Co, 114 Central St, Somerville 45, Mass.
Sturtevant Div Westinghouse Elec Corp, Hyde Park, Boston
Thermal Industries, P O Box 725, Indio, Calif.
Trane Co, La Crosse, Wisc.
•Yarnall-Waring Co, Chestnut Hill, Philadelphia 18, Pa.

CORK PRODUCTS

•Armstrong Cork Co, Liberty St, Lancaster, Pa.
Felt Products Mfg. Co, 1511 Carroll Ave, Chicago 7, Ill.
Korfund Co Inc, 48-55 32nd Place, Long Island City 1, N. Y.
Mundet Cork Corp, 7101 Tonnelle Ave, North Bergen, N. J.

COUPLINGS, COMPRESSION

Chase Brass & Copper Co, 236 Grand St, Waterbury 91, Conn
Continental Gin Co, 4500 S 5th Ave, Birmingham 2, Ala.
Dodge Mfg Corp, Mishawaka, Ind.
Dresser Mfg Div, 41 Fisher Ave, Dept P, Bradford, Pa.
Filer & Stowell Co, 147 E Becher St, Milwaukee 7, Wisc.
Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill.
•Link-Belt Co, 300 W Pershing Rd, Chicago 9, Ill.



HANDLING COAL for the *Fires of Industry*

• Efficient Coal Handling is the key to satisfactory Power Plant operation.

Coal must be moved from cars, trucks or boats through crushing, storing and reclaiming operations, and finally to the boilers... with all operations executed smoothly and quickly.

Stephens-Adamson engineers have had over 42 years of experience in designing such installations, and are ready to apply their talents to the solution of *your* coal handling problems.

STEPHENS-ADAMSON

MFG. CO.

Car Pullers
Car Loaders
Winches
SealMaster Ball Bearings
Speed Reducers
Conveyors
Elevators
Screens

55 RIDGEWAY AVE., AURORA, ILL.