Hypro sprayer pumps

Choose from a wide range of pump designs and materials to suit your requirements: cast-iron, Ni-Resist and bronze pump housings... even nickel plating on piston pumps.

PISTON PUMPS

Series 5200 Big Twin 10 gpm output at 400 psi with 6 hp engine

Series 5400 4-Cylinder 25 gpm output at 600 psi



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Products



Solo Motors 121/2 hp Model 426, self-propelled high-concentrate mist blower is fitted with a 32-gallon tank for formula concentrations up to 10 times. It runs at two speeds forward and two in reverse. Speed ranges from 2-3 mph, with a formula discharge range from 1 quart to 41/2 gallons per minute. Eight standard nozzles can be individually aimed and calibrated. Chemical penetration will exceed a total width of 40 feet. Standard cleated tires will climb 45-degree hills with ease, or optional low-pressure flotation tires may be used to bring compaction to near-zero.

Circle 701 on free information card

contractors involved with sprinkler system design or installation. It is an excellent study text for academic students and the interested lay person. The book is layed out to take the reader step-by-step through the design process: equipment, basic hydraulics, sprinkler performance, plot plans, head layout, pipe sizing and zoning. In addition, chapters have been included to cover special subjects such as: rotary systems, golf courses, pumps, cross-connection control, clean water, electrical, and water hammer.

It also contains 60 pages of important reference tables including: technical symbols and abbreviations; piping pressure losses and velocities; multiplying factors for flow velocities; pressure losses in piping appurtenances; equivalents for pressure, precipitation, wind velocity, flow, length; pumps and strainer data; head layout constants; weight of water; electrical wire data; and U.S. metric conversion factors.

Circle 702 on free information card



The all-new 3rd Edition Turf Irrigation Manual by James A. Watkins is now available from Telsco Industries. The Manual provides 350 pages of reference material for engineers, architects, designers, and



A new NIOSH/MESA approved multipurpose respirator for pesticides, dusts and mists is now available from the Occupational Safety Marketing Division of ESB. This same respirator will also afford excellent respiratory protection against paint, lacquer and enamel mists. Especially designed to meet agricultural and industrial hazards that are generated by pesticide applications and spray painting, the new 122115 Respirator has been proven more efficient than previous respirators at removing contaminant particles and vapors from the air. Although filter efficiency has been increased, the 122115 is no more difficult to breathe through than earlier models. Because of its multi-purpose applications, respirator inventory requirements are greatly reduced.

Circle 703 on free information card



The Herbi model, a lightweight, hand-held, battery-operated sprayer, is being marketed by Micron West. It features a rotary atomizer which insures correct sized droplets, enabling extra low-volume herbicide spraying. The atomizer spins at 2,000 rpm, converting the spray material into a hollow cone of even sized 250-micron diameter droplets. The disc is driven at constant speed by a 12 volt motor powered by "D"size flashlight batteries. This insures even droplets, in an even disbursement of over 100 droplets per square inch for maximum spraying efficiency.

The Herbi is designed to utilize no more than the amount of active ingredient recommended by the chemical manufacturer, but with a fraction of the normal water required. Spraying at a slow walking pace, the $2\frac{1}{2}$ litre bottle will give thorough spray coverage over $\frac{3}{4}$ acre or more.

Circle 704 on free information card



The Model 6421 is the newest pressure washer to be added to Citation's cleaning equipment line. The unit will discharge 240 GPH at 1000 psi. It comes complete with a stainless steel triplex pump, 3 hp, 220 volt, 1-phase, 60-cycle motor, float tank, dual chemical metering valve, 40-foot discharge hose and trigger control gun. Portable gear is optional.

The unit can be used independently as a cold water washer or in combination with a continuous water heater as a hot, high pressure washer.

Circle 705 on free information card



Promark has introduced the "Quarter Horse," a 3-wheeled, multi-purpose utility vehicle designed for power, durability and ease of handling. "Quarter Horse" vehicles, with engines by Kohler, will carry up to 1000 pound capacities and seat two comfortably. In addition to its many applications, the "Quarter Horse" offers a super quiet pack for golf courses. Promark stresses the low cost of the "Quarter Horse" operation, its durability, ease of maintenance, and initial cost factor.

Circle 706 on free information card

A HUSTLER never hibernates.

The HUSTLER mower you buy to save time and money during turf care season stays on the job all year, with easy-hookup attachments:

Edger works from grass or street side.

Catcher/Compactor — ingenious! Paddles pull and compact clippings into tight mass without noisy blower or dust. No loss of maneuverability.

Heavy duty 72" deck for rough cutting, discharges to rear.

Flail cutter, where turf conditions or local codes dictate. 60" cut.

Snow thrower (two stage) clears 54" path. Hydraulic controlled spout direction. Unique HUSTLER tractor design (weight centered over drive wheels) provides extra traction.

ROPS Cab for comfort, roll-tested for safety.

Broom sweeps leaves, debris, snow, removes thatch. 54" swath, 30° angle.

Dozer blade turns HUSTLER tractor into mini-dozer. 60" x 18" spring-load blade raises, lowers hydraulically. Angles 30° right or left.

Tilt-deck trailer. Drive mower on/off to transport at road speed.

HUSTLER Turf Equipment performs like a pro: turns at a touch, trims close, saves payroll cost, HUSTLER 272A or 272A Standard; or Hillside HUSTLER 360.

Call toll-free: (800) 835-3260, or send your business card for name of Distributor and more facts on the mowers that perform like their name.



Circle 111 on free information card OCTOBER 1977/WEEDS TREES & TURF 55