

New Products



MINOR: West Germany's Solo Kleinmotoren self-propelled mist blowers are now standard fitted with the company's single-nozzle "Teleblast" gun for 50 ft. reach, in addition to the earlier versions with standard radial 8-nozzle blower heads. This self-propelled riding and walking-type "Minor" mist blower models can be adapted for diesel operation at a moderate surcharge. The chief advantages of diesel power are fuel savings and prolonged engine life. Solo Minor -450 self-propelled features 40 gallon hi-concentrate tank, low pressure all-terrain tires and 37 in. track for operation in narrow spaces.

Circle 701 on free information card.

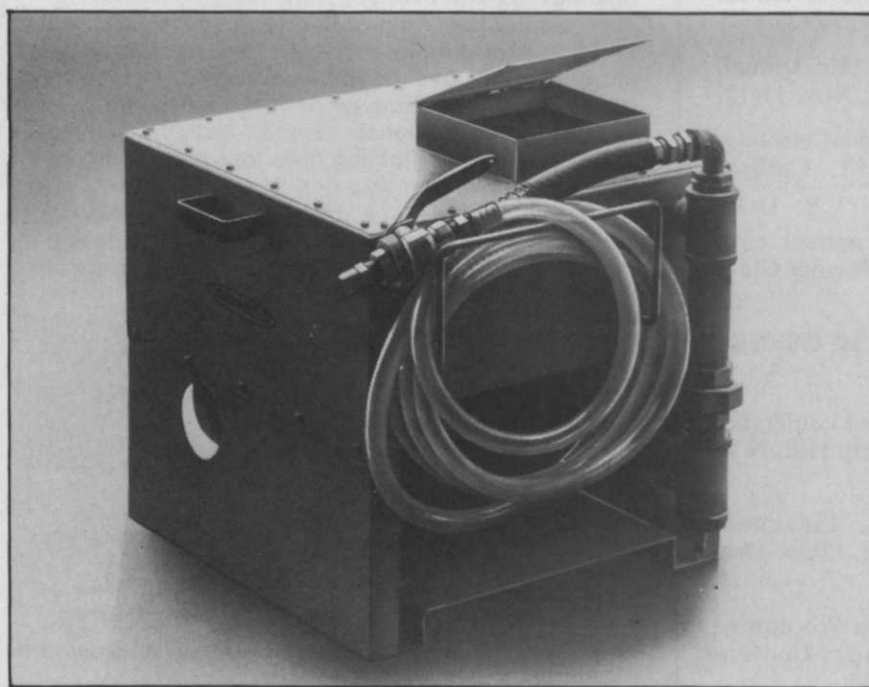
TREE WRAP: A new kind of wrapping introduced by 3M Co., helps protect young trees from gnawing animals and sunscald. The manufacturer claims it is breathable and stretchable and sticks to itself. It conforms to trunk irregularities and its elasticity also prevents gapping and binding to restrict growth. Its porous nature prevents pockets of moisture from forming next to the bark causing rotting and splitting.

Circle 702 on free information card.



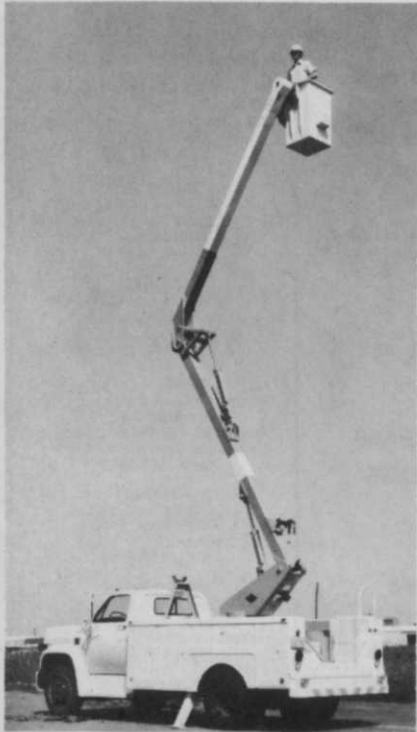
WORLD'S SMALLEST: Reinco, Inc. introduces the new PP20L, the world's smallest hydrograsser, designed specifically for testing and evaluating purposes. The new miniature-sized hydrograsser has a 20 liter capacity and can be transported in the trunk of a car. It allows minimum coverage and added control when experimenting on a small scale with fertilizers, mulch slurries or binders, according to the manufacturer. The PP20L prevents waste and assures proper application rates.

Circle 703 on free information card.



VERSALIFT: Time Manufacturing Co., says this unit has a bucket capacity of 350 lbs. and is positive leveled. It is available in heights of 32 ft. and 36 ft. Full hydraulic controls are provided as well as hydraulic tool power in the bucket. Primarily hydraulic power is provided by a PTO-driven pump or DC motor pump. Engine start-stop from the bucket is standard on PTO models and is complimented by an automatic throttle control system.

Circle 705 on free information card.



BIG-FLOW: Molded from glass reinforced thermoplastic polyester resin, this pump is highly resistant to many chemicals, according to Metra Corp. The self-priming centrifugal pump is easy to disassemble and wetted parts are reinforced polyester, stainless steel, Buna-N, EPDM and Viton. The manufacturer claims the pump will deliver up to 14,000 gph with suction lift up to 25 ft. A built in check-valve eliminates backflow when shut off. The unit is recommended for mounting with electric motors up to 3450 rpm and 74 hp. A universal metal base is also available.

Circle 704 on free information card.

SNOZZLE: Eagle Manufacturing Co., introduces a new special nozzle for their "M" series gasser cans and "A" series all-purpose galvanized filler cans. Manufacturer says the snozzle makes for easier pouring because of their unique flat nose or pouring rest.

Circle 706 on free information card.



AERIAL LIFT: Teco Inc. has a new personnel lifting platform called Vanguard. According to company officials, the Vanguard is designed for safety, easy maintenance and versatility. The new unit is less complicated and contains more efficient components, eliminating the need for sprockets, chains, cables, fiberglass insulator rods and sheaves used in lifting the upper boom, says the manufacturer. Minimizing the number of hidden components, general maintenance and routine safety checks are simplified.

Circle 707 on free information card.

LAPPING COMPOUND: A new gel base reel lapping compound from Hertron Chemical Co. The chemical properties of this compound cause it to cling to the reel blade, reducing walk-off and saving up to 90 percent of grit waste, says Hertron. It is a premixed compound which contains 20-40 percent more grit by weight than any other pre-mixed lapping compound, claims the manufacturer. The gel base keeps the grit in permanent suspension and rinses clean with the use of regular water tap pressure.

Circle 708 on free information card.



ATTACHMENT: Two heavy-duty offset trencher attachments are available from Vermeer Manufacturing Co. The new units are designed for close-in trenching and for installations along narrow-shouldered roadways, says the manufacturer. Both feature dual auger spoil control, digging depths from 0-72 in., widths up to 14 in. and a choice of digging chains — 70,000 lb. test and 150,000 lb. test. One model, a permanently mounted unit, can be shifted laterally for digging not only to the edge of the right wheel, but also in the center on the machine like a conventional trencher. The other unit is interchangeable with additional dirt handling attachments, including a conventional trencher, rock cutter wheel, vibratory plow, etc.

Circle 710 on free information card.



BOMBI: This new multi-terrain personnel carrier, smallest industrial tracked vehicle made by Bombarrier Limited, has an enclosed steel cab designed to meet OSHA roll-over protective standards. The three-man carrier can be used in snow, swampland, and other off-road areas.

Circle 711 on free information card.

Y FILTER: The Y filter was designed by Drip Irrigation Corp. for the head of each drip line on large scale installation, but the manufacturers claim it has dozens of other uses. The Y filter, 3/4 in. and 1 in. width hose inlet, is ideal for up to 25 gpm irrigation lines. Constructed of polypropylene, the unit has 120 mesh stainless steel screen that's removable for cleaning. There are no moving parts and it serves as a "fuse" for existing irrigation lines for conversion to drip irrigation by screening out scale and deposits that could cause stagnation in flow.

Circle 712 on free information card.



MULCHER: This new trailer-mounted power mulcher from Reenco, is said to be capable of spreading 4 tons of straw mulch per hour up to distances of 60 ft. As each job is completed, the machine can be unhitched so that there is no truck tie-up. The trailer construction permits added mobility and maximum access over rough terrain. Reenco's patented "straight-through" drive principle allows full engine horsepower output to be available for breaking and placing mulch. Less maintenance and easier operation in addition to an optional asphalt emulsion system makes the TM7-30(X) a versatile, high velocity mulcher for landscape contractors, nurserymen-landscapers and municipal road departments, according to the manufacturer.

Circle 709 on free information card.



WORK HORSE: Fits large frame Bolens tractors. ARPS Corp., manufacturer of the unit, says it features reinforced welded tubular frame, automotive quality gear box with heat-treated cut steel gears, heavy-duty ball and roller bearings and shear-bolt protection.

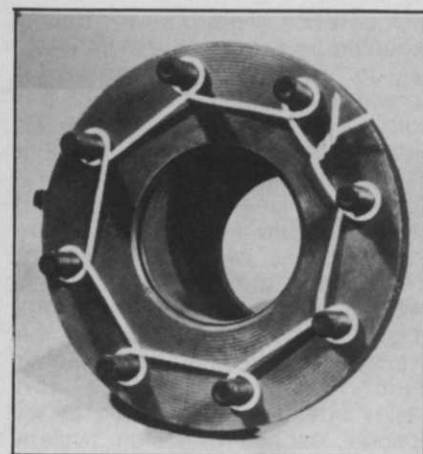
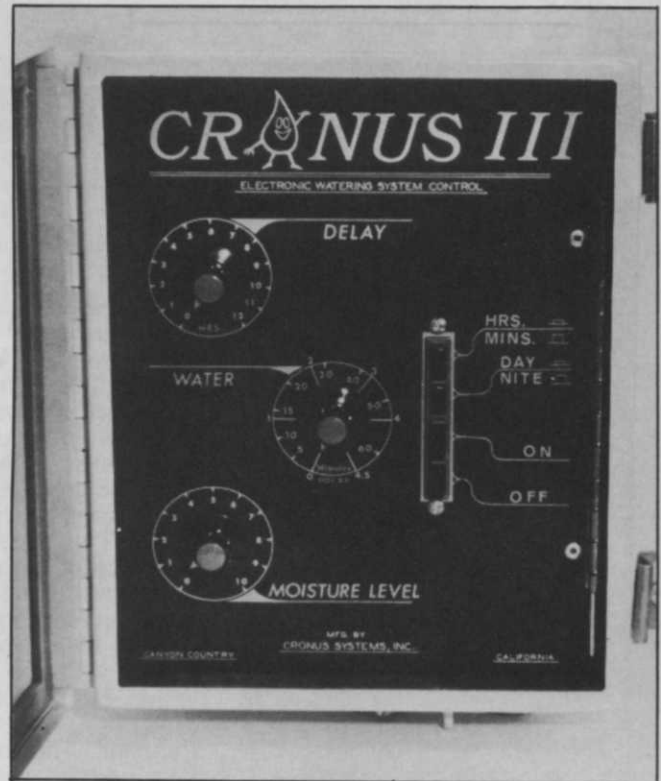
Circle 713 on free information card.

DRILL PROOF: Weil Service Products Corp., introduces a new maximum security pad-lock. The "Drill-Buster" utilizes a special 8-pin cylinder requiring burglar alarm type tubular keys. A hardened steel 2 in. chrome-plated case is combined with a double locking hardened steel shackle.

Circle 715 on free information card.

CRONUS III: Watering control, claims Cronus Systems, Inc., is the only system that can control 10 valves ranging in size from 1/4 in. to 10 in. for one full year on 2 low cost dry cell batteries. Other features include: Moisture sensing which eliminates unnecessary watering; day or night operation; photocell control — provides settings to operate up to 12 hours after either sunrise or sunset; no mechanical clock; plug-in electronic printed circuit board for easy maintenance; all controls are mounted on the front panel and are knob or push button settings.

Circle 714 on free information card.



GASKET: Weil Products claims this material is a quick way to create any gasket or pack any valve — economically and with no inventory of ready-made gaskets or packings.

Circle 716 on free information card.

CALCULATOR: Land Row says this unit is a handy, easy-to-use slide rule type calculator for speedily converting linear measurements to acres or square ft. The unit is 3 1/2 in. wide and 6 1/2 in. long. Acreage calculations are simply made by adjusting the scale to desired width in feet and reading appropriate acreage adjacent to selected length in either feet or miles.

Circle 717 on free information card.

Width x Length = Acres

LAND • R-O-W •

Acreage / Square Feet Calculator

Numbering of Sections in Township

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Acres = Length x Width

For acreage calculation, adjust scale to desired width and read acreage directly adjacent to selected length in feet (left side — black) or length in miles (right side — red).

See reverse side for square feet calculations.

THE SECTION OR LAND CONTAINED HERE SHOWN ONLY ON ONE SIDE

SECTION		SECTION		SECTION	
100 ACRES	100 ACRES	100 ACRES	100 ACRES	100 ACRES	100 ACRES
100 ACRES	100 ACRES	100 ACRES	100 ACRES	100 ACRES	100 ACRES
100 ACRES	100 ACRES	100 ACRES	100 ACRES	100 ACRES	100 ACRES

LENGTH (FEET)	ACRES	LENGTH (MILES)
25	2.434	1
50	4.868	2
75	7.273	3
100	9.697	4
200	19.375	5
300	29.062	6
400	38.750	7
500	48.438	8
600	58.125	9
700	67.813	10
800	77.500	15
900	87.188	20
1000	96.875	25
1200	115.313	30
1400	133.750	40
1600	152.188	45
1800	170.625	50
2000	189.063	60
2200	207.500	70
2400	225.938	80
2600	244.375	90
2800	262.813	100
3000	281.250	100

WIDTH (FEET)	ACRES
5	.052
10	.105
15	.157
20	.209
25	.262
30	.314
35	.367
40	.419
45	.472
50	.524
60	.635
70	.746
80	.857
90	.968
100	1.079
110	1.190
120	1.301
130	1.412
140	1.523
150	1.634
160	1.745
170	1.856
180	1.967
190	2.078
200	2.189
210	2.300
220	2.411
230	2.522
240	2.633
250	2.744
260	2.855
270	2.966
280	3.077
290	3.188
300	3.299
310	3.410
320	3.521
330	3.632
340	3.743
350	3.854
360	3.965
370	4.076
380	4.187
390	4.298
400	4.409
410	4.520
420	4.631
430	4.742
440	4.853
450	4.964
460	5.075
470	5.186
480	5.297
490	5.408
500	5.519
510	5.630
520	5.741
530	5.852
540	5.963
550	6.074

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