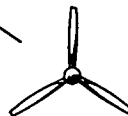
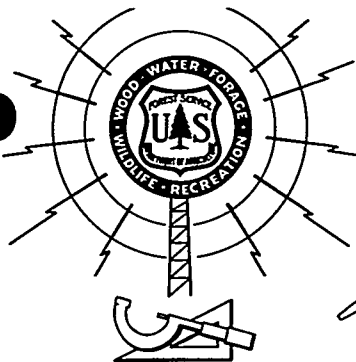
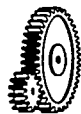


EQUIP TIPS



FOREST SERVICE

U. S. DEPARTMENT OF AGRICULTURE
EQUIPMENT DEVELOPMENT CENTER

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444 East Bonita Avenue, San Dimas, California 91773

A PORTABLE HIGH-PRESSURE-WASHER

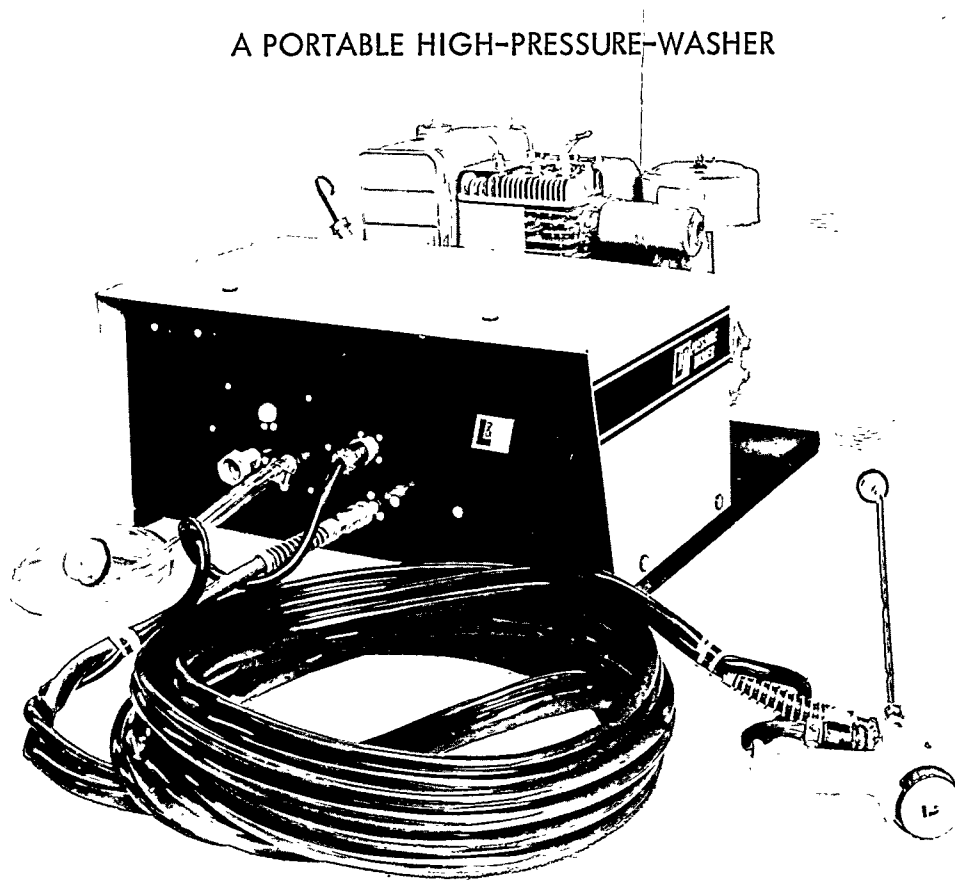


Figure 1. L & A Pressure Washer, Model 6030.

Water under high pressure, combined with detergent, can provide an effective cleaning method for wall and floor surfaces. This pressure-washer technique is being used commercially by industrial plants, car-washing establishments, and many others. Portable equipment to provide this versatility for recreation areas is now available. In fact, electric-driven pressure-washer units have been designed into the mobile cleaning equipment for recreation facilities developed at San Dimas (see ED&T Report No. 2300-6 dated November 1970).

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For Forest personnel who need the advantage of a separate, portable pressure-washer, the Model 6030 described here should be useful. It is powered by a gasoline engine, eliminating the need for an external electric power source. This washer is capable of drafting water and cleaning solution from storage tanks, thus is operable in the field with no support equipment other than the necessary tanks.

The unit is marketed by L & A Products, Inc., 1993 West County Road B2, St. Paul, Minne. 55113.

SPECIFICATIONS

1. 7-hp, Briggs & Stratton four-cycle engine.
2. Starter/generator starts engine, provides control circuit power.
3. 500 psi, 3.2 gpm belt-driven positive displacement pump.
4. Belt-driven flexible-rotor booster pump provides water to high-pressure pump.
5. Remote control at cleaning wand provides engine start, choke, selection of rinse, or chemical solution mix through safe, low-amperage, low-voltage circuit.
6. 35-foot, 5/16-inch I.D. pressure hose, remote control cable encased in twin-sleeve vinyl scuff-jacket, with 50- and 70-foot pressure-control hoses available.
7. Needle valve control of chemical solution strength.
8. Standard equipment includes 0°, 15°, and 40° flat-spray pattern nozzles, 2-foot cleaning wand.
9. Unloader valve provides pressure protection, allows bypass for low-volume, low-pressure operation.
10. Shipping weight - 150 lb.
11. Price, approximately - \$1,100.00 list.

An electric-motor-driven L & A pressure-washer (Model 802M) was used successfully in San Dimas' development of mobile cleaning equipment for recreation facilities. The only significant difference in performance between the models is that the engine-driven model delivers 3.2 gpm as compared to 2.0 gpm for the electric-driven unit. An adjustable chemical-solution-strength feature is included on the engine-driven unit, but is not on the electric-driven unit.