

Tree maintenance is an integral part of landscape work

Pruners, injectors, mist blowers and aerial lifts—vital in the tool arsenal of those entrusted with tree care.

■ For most landscape operations, tree care plays a vital role in the appearance of the final product.

Though some golf course superintendents prefer to contract tree care, most have their crews "do it themselves." The same holds true for park and school landscape maintenance departments. And LM research shows that more and more lawn/landscape businessmen recognize tree care as being a viable add-on service.

Last month, LM sent a questionnaire to suppliers of tree maintenance equipment—specifically, manufacturers of tree pruners, tree injectors, mist blowers and aerial lifts.

LITERATURE

Fanno Saw Works is a leading manufacturer of pruning saws and accessories. Its 8-page brochure details folding pruning saws, pole saws, special purpose saws and accessories.

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A 52-page product catalog from **Husqvarna** highlights a wide range of forestry equipment, including saws and power cutters.

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Forestry Suppliers Inc. has a 532-page Agricultural Catalog that includes mist blowers, tree injectors, pruning equipment and tree climbing equipment, and other tree maintenance tools.

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PRUNERS

No need to worry about climbing ladders to remove branches and limbs. **Echo Incorporated's** new SRS-2100 Aggressor makes quick work of removing 4½-inch diameter limbs up to 14 feet in the air.

Powered by a 21.2 cc engine, it removes limbs quickly, easily and safely, all through the reciprocating action of an exclusively-designed blade. The Aggressor has a 71-inch heavy duty shaft that houses a four-strand cable drive.

The 11.3-lb. Aggressor is evenly balanced for easy operation.

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The Model D Power Pruner is the only portable, tele-



Technic Power Pruner

scoping pruner available, says manufacturer **Technic Tool**. The insulated unit is designed for pruning near high-voltage sources. It is certified to withstand 100,000 volts per foot of length for five minutes.

The Power Pruner is lightweight and equipped with a unique driveshaft that extends from 7 to 11 feet. It also has an auto oiling system.

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Stanley's PR 40 gives you heavy duty cutting power right from your tree trimming vehicle or bucket truck. Its lightweight head design

AERIAL LIFTS

Ameriquip says its Eagle 44 lift is "unique, convenient and easy to operate."

Integrally mounted, heavy duty, quick-adjust outriggers stabilize the entire lift, not just the trailer. The unit provides improved stability, Ameriquip says, even on uneven terrain.

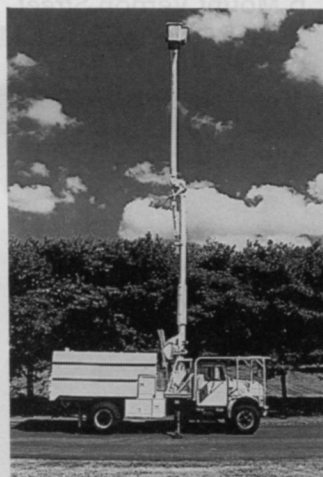
The trailer-mounted Eagle 44 keeps your truck available for other jobs. And the positive, internal bucket leveling enhances its operation. The easy-entry bucket levels automatically through the entire range of motion.

Another entry in the Eagle line, the T-40, has a 40-foot working height and 23-foot side reach. It has 360-degree continuous rotation and full feathering controls.

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Ameriquip Eagle 44



Aerial Lift of Connecticut

The AL-60 from **Aerial Lift of Connecticut** will reach a working height of 60 feet. It has a 43-foot-plus side reach at a working height of 31 feet and a 50-foot horizontal side reach.

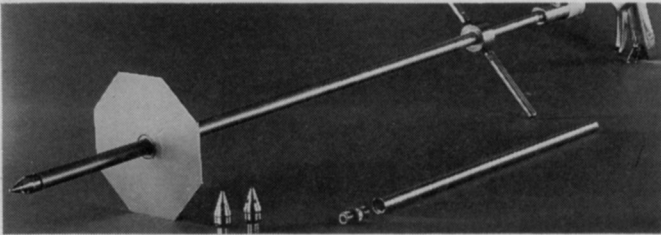
Other Aerial Lifts are the AL-50 and AL-52 which, the company says, have continuous rotation and lower boom over-center feature so maneuvering around wires is done with ease.

Aerial Lift products have positive bucket leveling, an insulated work platform, 135-degree articulated lower boom and 215-degree upper boom.

Aerial Lift products meet the most current 1990 ANSI A92.2 standards.

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TREE INJECTION EQUIPMENT



Rootfeeder #201-RF

The **Green Garde** Rootfeeder #201-RF, for use with the JD-9C high pressure spray gun, is a ruggedly-build soil injector.

It has a chrome-plated adjustable handle and foot plate. The basic unit is designed for pressure root feeding from 2 to 10 inches deep. Though a two-hole tip is included, other tips are available.

You may also purchase 18- and 36-inch extensions for ground probing and other placement applications.

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The **Lesco** Fertijector is for injecting fertilizer granules and soil conditioners into the rootzones of trees and shrubs.

The unit features simple push/pull operation. Its hopper's capacity is 10 lbs. It can inject from one teaspoon to ¼ lb. of granular product up to 10 inches into the soil.

The Fertijector provides dustless application, and is clog-proof because the material flows from the hopper, not through the rod.

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Arborchem's tree injector is for use with injectable tree growth regulators, pesticides, and some fertilizers and nutrients. Its independent cylinder operation allows single or multiple precision operations.

The Arborchem injector is a completely self-contained portable unit with no moving parts.

It is powered by CO₂ cartridges, and easily adaptable for trunk or soil injection. It can be custom fabricated to meet the needs of the user.



Arborchem injector

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PRUNERS (cont.)

makes it easy to handle, and full power on both the closing and opening of the jaw make it fast and safe to operate. A unique safety feature is the built-in hand guard which, if removed, de-activates the tool.

The PR 40, which can cut limbs up to 2¼ inches, extends 84 inches.

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Stanley PR40

Tree Technology Systems has a full line of nationally-labelled insecticides, fungicides and fertilizers in new leakproof Arbor-X microinjectors.

The feeder tip of the ArborX injector and the feeder section are welded to the barrel. A special O-ring seals the plunger in both the shipping and pressurized position. The used injectors are returned to the factory for secure disposal.

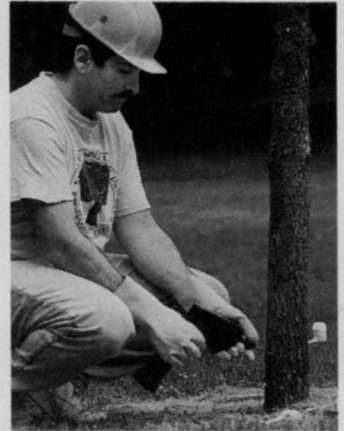
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The **Mauget** micro-injection process is the oldest and most widely-used system in tree care.

With the Mauget method, trees can be injected with either fertilizers, insecticides, fungicides or antibiotics. It can be used on trees growing in urban or metropolitan settings where the trees frequently have limited or restricted root systems.

Mauget also provides professional product training at various sites across the country.

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Mauget system in use

MIST BLOWERS

The gasoline powered backpack mist blower was developed by **Solo** more than 30 years ago. Its Mistblower Port 423 remains on the cutting edge of technology with a height range of up to 26 feet or a horizontal range of up to 32 feet.

The Port 423 is powered by a 5 hp two-cycle Solo engine. The liquid formula is fed through a four-position adjustable dosage sleeve at the nozzle. By using different nozzles, the spray system can be adjusted wider or narrower or be deflected for treatment from underneath.

Accessories include a twin nozzle, a dusting kit, a booster pump and a ULV-dosage selector.

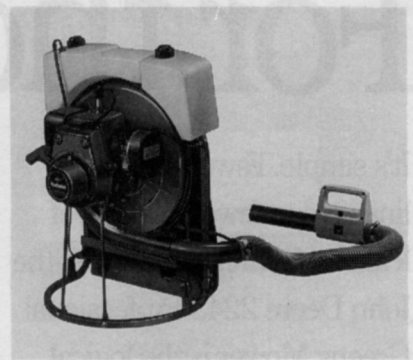
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The Porta-Pak from **H.D. Hudson** is a motorized back-carried sprayer that applies concentrated pesticides in minute droplets at ultra-low dosage rates.

Its effective range is more than 50 feet horizontally and more than 40 feet vertically. It treats up to 7.5 acres with one pesticide tank load.

The Porta-Pak features a strong tubular metal frame that weighs 45.5 lbs. loaded. Adjustable straps have wide shoulder pads and the contoured backrest is padded with foam.

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Hudson Porta-Pak