

In No Time At All



Outfront deck design lets you reach hard-to-mow areas that belly-mount mowers can't get to.

No wheels to turn. No gears to shift. No pedals to push. Grasshopper puts total command of mowing in the palm of your hand. Instinctively natural control of steering, speed, braking, turns and forward/reverse motion is placed at your fingertips. For added comfort and safety, the levers return to neutral automatically.

Operation is virtually fatigue-free because you sit comfortably in a high-back suspension seat that supports your body in a natural position. No humps, controls or levers to straddle, either!

Before the sun goes down, you too can become an expert. Grasshopper's instinctively natural controls, high productivity and durability make total mowing efficiency easy to learn.

Zero-turning-radius and outfront deck design further simplify mowing by providing superior visibility, trim capability and maneuverability. The Grasshopper dealer network offers strong support and a versatile lineup that includes six models, 11 to 21 hp, deck options from 35" to 72" and year-round attachments.

For 20 years Grasshopper has advanced outfront zero-turn-radius mower technology so you can become more efficient "in no time at all."

The Ultimate Time-Cutter

The Grasshopper Company
One Grasshopper Trail
P.O. Box 637, Moundridge, KS 67107



Telephone 316-345-8621
FAX 316-345-2301

GRASSHOPPER®

YOUR NEXT MOWER

GRA-2-90

©1990, The Grasshopper Company

Circle No. 122 on Reader Inquiry Card

A CRIME-STOPPER

Adequate nightlighting can deter crime, according to the National Lighting Bureau (NLB). A dramatic example was provided in a case history submitted to the organization's National Lighting Awards Program.

After two female employees of the Bellevue (Wash.) *Journal-American* were accosted in the daily newspaper's parking lot in 1982 and again in 1983, new lighting was installed. No further incidents have occurred.

Somewhat ironically, the new lighting—which provides 21 percent more light—costs 24 percent less per year to operate and maintain.

Journal-American facilities manager Robert F. Phillips sought Maurice W. Dick, service manager for Holmes Electrical Contractors of Renton, Wash. Dick recommended high-pressure sodium lighting to replace incandescent lights.

Annual energy consumption of the new system was \$840. The cost of replacement lamps, lamp replacement labor and ballast replacement amounted to \$505 per year, bringing the system's total operation and maintenance costs to \$1,345 per year. Because the new system's 2,042 kilowatt-hour connected load is 54 percent less than the original system's, utility costs were cut \$454 per year.

In addition to the safety factor, Phillips says that several employees commented that the new lighting, with its distinctive "golden-white" color, made the buildings and landscape more attractive, linking them into a unified whole at night.

According to NLB executive director Richard H. Geissler, the *Journal-American* case "demonstrates the important difference between lighting management and lighting energy conservation."

More information about the benefits of lighting and specific techniques that can be applied to obtain them is available from the NLB. A free directory of the bureau's publications is available by writing the NLB, 2101 L St. NW, Suite 300, Washington, D.C. 20037; or calling (202) 457-8437. □