

## NEW HYDRAULIC/DIESEL MEDIUM SIZED REEL MOWER INTRODUCED

The first medium sized hydraulic mowing tractor offered by a U.S. turf equipment maker has been introduced by the R. L. Gould Co. of St. Paul. The new HF-5, a compact five gang reel mower that cuts a swath up to 11 ft., is also the first turf machine in its class with diesel power. Manufactured by Jacobsen Division of Textron Inc., it comes with Volkswagen's economical 4-cyl. engine, modified for industrial use, that is 30 per cent more efficient than a comparable gas unit.

"Powering reels hydraulically ushers in advantages never before available in this size machine," said Gordon Miller, Mgr. of Gould's Turf Products Division. "Performance and productivity over non-hydraulic units of similar capacity has been substantially improved". Key advantages of the HF-5's hydraulic reels include: ability to adjust cutting frequency, for mowing fine grasses, rough turf and everything between; unlike ground-driven units, reels rotate at a pre-set rate even though the machine slows or speeds up; because reels can turn faster, the machine can travel faster. Another advantage cited by Miller is a savings in fuel consumption because less power is required.

Unlike conventional reels that rotate in one direction only, the hydraulically driven reels can be reversed to discharge debris. The reversing feature also makes it possible to back-lap without dismantling the reel assembly. The HF-5 also features a hydraulic transmission, a hydrostatic unit with single foot-pedal control for forward and reverse travel; power steering; and a system for raising or lowering individual wing reel units to adjust the width of the mowing swath. When raised, reel rotation automatically ceases, a safety feature. For operator comfort, a high-back contoured seat with three height positions is provided. Controls have been expanded to keep the operator informed: alternator and glow plug lights, engine oil pressure light, hydraulic oil temperature/pressure light, temperature gauge and voltmeter. A buzzer system is incorporated for warning and safety.

The R. L. Gould Co. supplies and services turf care equipment and materials typically used by golf courses and other organizations that maintain large turf areas.

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