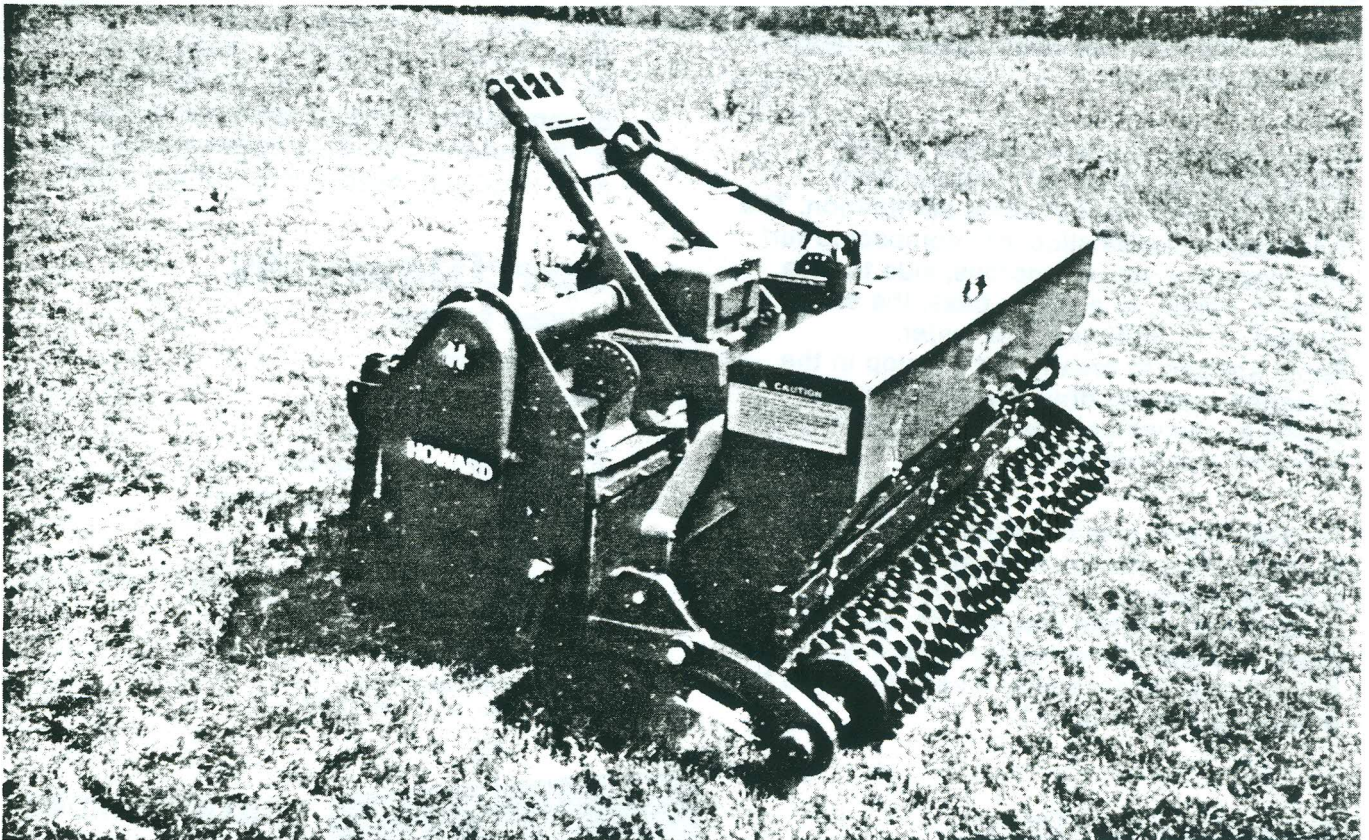


# **HOWARD**<sup>®</sup> **LANDSCAPER—GRASSMAKER**

A Multipurpose Rotavator, Turf-Quaker and Turf-Quaker/Seeder combination. Developed specifically for the Landscaper and Turf producer for soil preparation, seeding and over seeding of grass seed into bare soil or turf areas which have failed to maintain a healthy growth. Each machine can be used as an individual unit either as a Rotavator, Turf-Quaker, Seeder, or Turf-Quaker/Seeder combination.



This combination comprises of a Howard Turf-Quaker, a rear 3 pt. Hitch and a Brillion landscape seeder.

Both Howard and Brillion are leaders in their particular field of expertise and both machines have proved their value and reliability during many years of commercial use.

The Turf-Quaker produces slots on four inch centers at a preselected depth in literally any soil condition. The Brillion seeder then firms the seedbed and accurately places the seed at the optimum depth for germination.

**GUY MACHINERY • WOODSTOCK, ILLINOIS • 815-338-0600**

# HOWARD® TURF-QUAKER

The new Combi Hitch allows a natural combination of both Turf-Quaker and seeder. A perfect combination for original seeding and over seeding.

The Rotavator, Turf-Quaker, Combi Hitch and the Brillion Seeder cost less in total than other lighter duty single purpose Power Seeders; plus the combination approach provides the choice of using the machines individually and extending the length of the useage season.

This combination has twelve years of field proven experience.

As a Turf-Quaker it is the key to softer, greener turf. No other turf management system is better for complete aerification. The Turf-Quaker blades slice into compacted turf and loosens it with a vigorous, side to side quaking action. In a single pass, the soil is opened to air, nutrients and water.

Roots are free to breath and develop in the loosened area and drainage problems are solved as the water-impervious soil layers are fractured and opened.

The Howard Rotavator needs no introduction to the commercial landscaper. It is the standard of the industry for all ground and seedbed preparation, and the most respected machine for reliability by professional landscapers, nurserymen and the producers of quality turf.

## Specifications

### Howard Turf-Quaker

Power range:	Tractors from 35 to 65 H.P.
P.T.O. speed:	540 rpm P.T.O
Linkage:	Cat 1 Three point linkage
Working width:	60 inches
Working depth:	Adjustable from 1/2" to 4' via floatation wheels
Rotor speeds:	Four speeds available, 235 rpm recommended.
Blade pattern:	T-Q blades on 4" centers
Machine weight:	980 lbs.
Optional equipment:	Full width rotor complete with tillage blades and depth control skids.



## LANDSCAPE SEEDER

The Brillion Landscape Model utilizes the same world famous seeding method made popular by the "Sure-Stand" model seeder, making this the ideal seeder for the special requirements of the professional landscapers, turf and sod raisers.

It is designed for accurately seeding grasses and lawn mixtures. The special uinique features eliminate costly hand labor and seed waste. It produces a sure stand by crushing, seeding and rolling in one operation. Air pockets are pressed out and small stones are pushed down below ground level as the roller tucks the accurately metered seed to bed at the proper depth for rapid germination. Used by thousands of landscapers and sod growers, Brillion seeders produce better stands time after time, with seed savings of up to 50%.

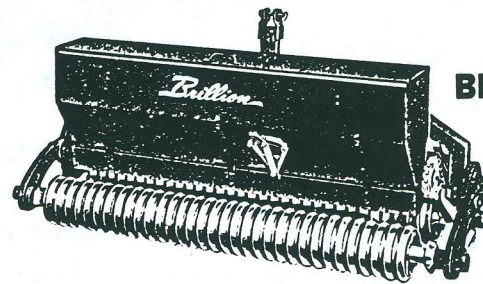
## Specifications

### Brillion Seeder

Model	SSLP 642
Seeding width:	64"
Seedbox capacity:	4 bu.
Seed pattern:	Broadcast
Depth control:	Fully adjustable
Machine weight:	864 lbs.

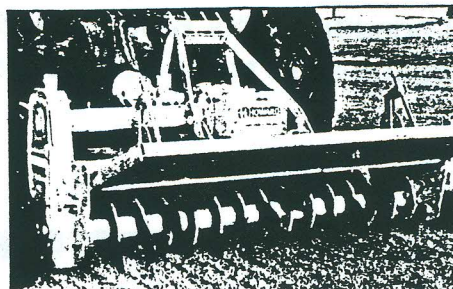
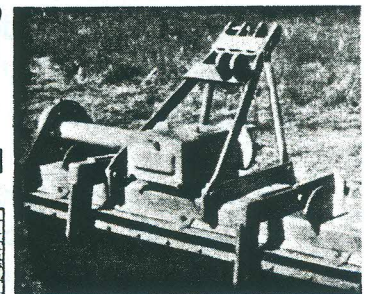
All features and full specifications can be found in the Brillion brochure.

Contact:  
Brillion Iron Works,  
Brillion, Wisconsin 54110



**BRILLION SEEDER**

**COMBI HITCH**



**TURF-QUAKER**



# LANDSCAPER-GRASSMAKER

**Howard Landscaper - Grassmaker**

**Howard Rotavator**

**Howard Turf-Quaker**

**Turf-Quaker, Combi Hitch & Brillion Sure Stand Seeder**

**New and old reliable products from Howard and Brillion. One rugged machine with a few options will now perform a multitude of jobs for the Landscape contractor and the Sports Turf manager.**

**ROTAVATOR >>>>>>** Howard Rotavator. Versatile, Rugged and the most respected name in rotaty tillage for over 50 years. It is the standard in professional Landscaping, Sod growing, Nursery cultivation for weed control and whenever ground is prepared for seeding. The choice of blades provide for unlimited applications.

**TURF-QUAKER >>>>>** Complete turfgrass aerification through soil decompaction. The straight turf blades placed in a scroll pattern don't just slice the turf; the ground actually 'Quakes' fracturing the soil between the blade slices to a depth range of 1/4" to 4". Shallow settings are ideal for thatch removal and seedbed preparation. The deeper settings produce the best soil loosening effect for improved drainage, aeration and root development. All essential for healthy turf management.

## **TURF-QUAKER/BRILLION SEEDER**

**COMBINATION >>>>** The new 'Combi Hitch' allows a natural combination of both these one pass tools. the perfect machine for original seeding and overseeding. The Turf-Quaker, Combi Hitch, Rotavator and the Brillion Seeder together, cost less than other lighter duty single purpose power seeders. Howard provides much greater versatility and extends the length of the usage season. The ruggedness built into both the Howard and Brillion products guarantees excellent performance in the greatest variety of field and soil conditions. This field proven combination has been used by the state of Illinois for over 12 years.



## **The HR20 60" Turf- Quaker may easily and quickly converted to an HR 20 Rotavator.**

Turf- Quaker owners appreciate the versatility of the machine and may have purchased it with the intention of converting it to a standard Rotavator whenever the need arose.

Rotavator applications for use by Landscape Contractors. Superintendents of Parks, Schools, Municipalities & Golf Courses include:

- |                                      |                                 |
|--------------------------------------|---------------------------------|
| <b>1. Landscaping</b>                | <b>8. Flower Bed Tilling</b>    |
| <b>2. Green &amp; Tee Rebuilding</b> | <b>9. Custom Garden Tilling</b> |
| <b>3. Fairway Reseeding</b>          | <b>10. Seedbed Preparation</b>  |
| <b>4. Nursery Cultivation</b>        | <b>11. General Farming</b>      |
| <b>5. Soil Mixing (Blending)</b>     | <b>12. Pasture Renovation</b>   |
| <b>6. Chemical Incorporation</b>     | <b>13. Soil Cement Mixing</b>   |
| <b>7. Soil Fumigation</b>            | <b>14. Reclaiming Wasteland</b> |

The Turf- Quaker may be quickly and easily converted to a standard HR 20 60" Rotavator for use with industrial or agricultural tractors in the 35 to 80 HP range.

Desined for CAT 1 or 11 three point linkage and 540 rpm P.T.O.

Special additional parts are available as optional equipment for use with 1,000 P.T.O.

To convert an HR 20 60" Rotavator to a Turf- Quaker a list of additional parts complete with instructions is available on request. Once the Rotor has been bladed, the average shop time for the conversion is less than 40 minutes.

The attached literature covering the HR 20 Rotavator gives full specifications and the unique offset mounting positions allow fitment behing tractors with wide wheel spacing.

The Howard Rotavator Company is one of the largest manufacturers of tractor mounted rotary tillage equipment in the world. Howard was the first to designe and build powered rotary tillage equipment and still remains the world leader.

**Howard, Rotavator, Turf-Quaker, Rotaspikes, Rotalabour, Selectatillth, Paraplow & Paratill are registered trademarks.**