



The **First** Name in Turf Renovation™

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The First Name in Turf Renovation™

# TRUST RYAN

Our business is to understand your business. We take time to know the details of the industries we serve and study the needs of those who buy, rent, maintain and use our equipment so that we keep bringing you the most productive and cost-effective turf equipment on the market.

Your productivity and bottom line are important to us.

**TRUST RYAN® TO KEEP BRINGING YOU THE VERY BEST.**

## LAWN CARE PROFESSIONALS

RYAN® professional lawn care products are designed to keep you, your crews and your customers happy while improving your business profitability. Our high-performance aerators, sod cutters, dethatchers and overseeders offer maximum versatility, reduced operator fatigue and efficient, reliable, long-term operation year after year.

## RENTAL

Our turf equipment is built to withstand heavy use and transport. We recognize the rental industry's need for easy-to-use machines that offer long-term, consistent, reliable performance to both seasoned lawn care professionals and first-time users. RYAN® delivers solid, dependable machines that protect your bottom line by staying on the turf and out of the shop.

## GOLF

Superintendents take great pride in maintaining golf courses that reflect the deeply rooted traditions within the sport of golf. They rely on ultra-dependable equipment to deliver quality greens, fairways and roughs that exceed the expectations of golfers and club members. For more than 70 years, RYAN® has been providing expertly designed, high-performance turf maintenance equipment that is widely known, used and respected throughout the golf industry.

## SPORTS TURF/ MUNICIPAL

Athletic and municipal turf is often subject to intense use and constant pounding, and keeping it in peak condition can be a challenge. That's why we design and build turf renovation equipment that effectively handles sports fields, school and park grounds quickly and effectively—and does it again and again, from one season to the next. RYAN® is on your team, keeping your turf performing like a pro.



The First Name in Turf Renovation™



MODEL: 554930



GROUND BREAKING.  
NOT BACK BREAKING.

# LAWNAIRE ZTS

A new approach to aeration, the Lawnaire® ZTS stand-on aerator grips the terrain and, like you, moves fast. Capable of covering two-and-a-quarter acres per hour at ground speeds up to seven miles per hour, this highly maneuverable machine tackles aeration more nimbly, efficiently and effectively than you've ever seen before. An absolute master of turf aeration, the Lawnaire ZTS improves your profits, and when the job is done, it leaves operators with extra time and energy. Loaded with performance features including a shock-absorbing platform, intuitive controls, an aeration depth control, a rapid hydraulic tine lift, a revolutionary automatic chain-tensioning system and hassle-free access panels; this durable, high-performance machine is ready to go to work for you.



TURF AERATORS



Automatic tensioning on the main drive chains ensure proper tension during operation and reduces required maintenance.



Aeration Depth Control for precision aeration in varying soil conditions; aerates up to 5" deep, in half-inch increments.



Built-in jack stands help to provide easy maintenance, including chain lubrication, tine replacement, and changing rear tires.



Open frame design and removable rider pad allows for easy access and maintenance of key components.



The intuitive control panel features a hydraulic pressure gauge with easy-to-read dial for management of down pressure under various soil conditions.



Tine lift switch to raise and lower tines conveniently located near control lever.

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TURF AERATORS 5

Patents Pending



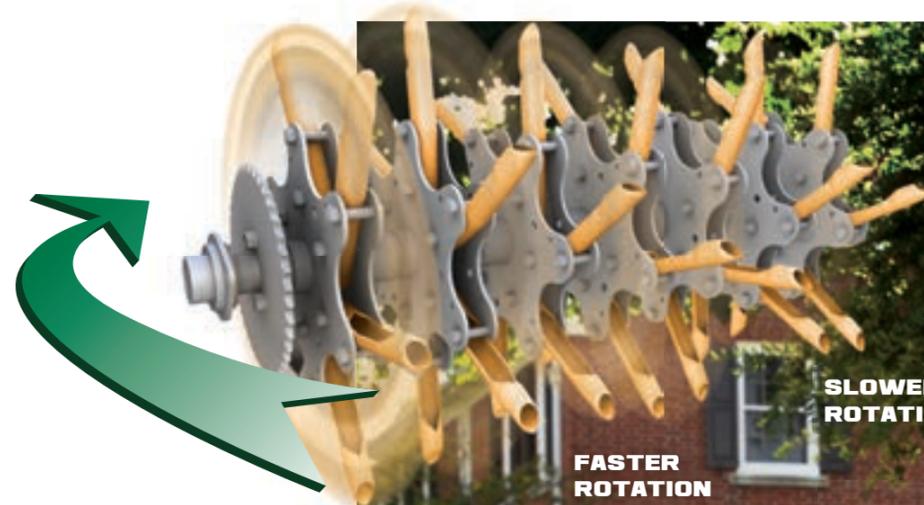
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TURF AERATORS

Lawnaire V with Easy Steer Technology  
MODELS: 554910C; 554916C



Lawnaire IV with Easy Steer Technology  
MODELS: 554913C; 554914C



FASTER ROTATION

SLOWER ROTATION

### EASY STEER TECHNOLOGY FOLLOWS YOUR LEAD

Intuitively responsive, the Easy Steer Technology's outer tines rotate faster as the operator steers left or right, embracing the turns while maintaining deep core penetration. The newly redesigned tine assembly allows the user to steer the unit without taking the tines out of the ground. This is accomplished by designing each tine assembly to independently rotate yet be able to drive. The result is higher productivity and less physical stress on the operator.



PERFORMANCE AND DURABILITY  
IN AN EASY-TO-STEER PACKAGE

## LAWNNAIRE IV & V WITH EASY STEER TECHNOLOGY

With the Lawnaire® IV and V with Easy Steer Technology aerators, you never have to take the tines out of the ground to steer and turn, so aeration is faster and easier than ever before. With this unique design, each tine assembly rotates independently as you turn for quick and easy maneuvering around flowerbeds, trees and landscape features. When you don't have to raise and lower the aeration tines after each turn, you get done sooner and have more energy at the end of the day.



Easy Steer Technology allows the user to steer the unit without taking the tines out of the ground.



0.75-inch (19mm) diameter coring tines are made of hardened alloy steel for durability.



Removable weights lighten the load for easier lifting and transporting.

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TURF AERATORS 7



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TWO PROVEN PERFORMERS  
– YOU CHOOSE THE COVERAGE

## LAWNAIRE IV & V

The Lawnaire® IV combines durability and ease of use for effective aeration. Commercial-grade components include a solid steel axle and hardened steel coring tines. User-friendly features like the easy-to-operate handle-mounted throttle make operation easy and comfortable. With a 19-inch swath, you'll aerate up to 29,000 square feet per hour.

The Lawnaire V has all the outstanding features of the Lawnaire IV but offers even more productivity. With its 26.5-inch swath and quick ground speeds, you can cover up to 40,000 square feet in an hour. A front bumper guard makes it easy to tie the Lawnaire V down for transportation and protect the unit from damage. You can remove the rear wheels for easy maneuvering in tight areas, such as passing through gates or down narrow paths.



Lawnaire IV  
MODELS: 544908A; 544909B

DURABLE, MANEUVERABLE,  
GEARED FOR PEAK PRODUCTIVITY

## LAWNAIRE 28

With vertical coring action, the reciprocating tines punch straight in and out without tearing the turf. And with this machine, precision goes hand in hand with efficiency. Its 28-inch swath and productive ground speed aerates up to 24,000 square feet per hour. The durable tines aerate down to two and one-half inches, even in hard soil. The durable construction features a reinforced, heavy-gauge steel frame. As for ease of use and comfort, a front caster wheel gives you near zero-turn capability and an isolated handlebar absorbs vibration, making operation and maneuvering almost effortless.



MODEL: 544887

TURF AERATORS



MODELS: 544910A; 544911B



The fold-down handle allows the machine to take up less space during transport or storage. (Lawnaire IV only)



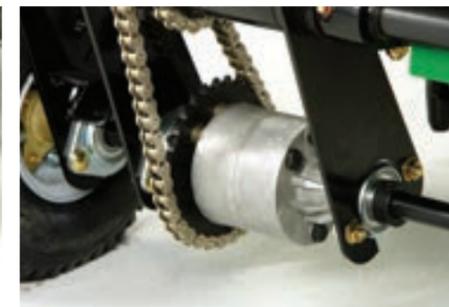
A full water drum increases penetration depth in harder soils.



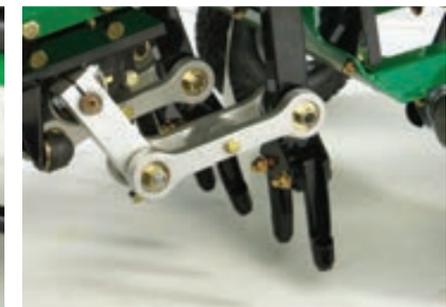
Weights are easily and conveniently removable for easier lifting and quicker, less strenuous transportation.



A unique front caster wheel allows the machine to maneuver with near zero-turn capability.



The rear-drive differential feature makes it easier to turn and maneuver around trees and landscape features.



Reciprocating tines provide vertical coring action, punching straight in and out without tearing the turf, offering golf course quality results.

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TURF AERATORS 9



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TURF AERATORS



Lawnaire 3-Point Hitch Aerator  
MODELS: 544859A; 544876A



Lawnaire Tow-Behind Aerator  
MODEL: 544860A



Lawnaire Tow-Behind Aerator

VERSATILE "GO-TO" MACHINES  
FOR MID-SIZED TURF AREAS AND SPORTS FIELDS

## LAWNNAIRE 3-POINT HITCH & TOW-BEHIND AERATORS

The popular Lawnaire® 3-Point Hitch is available in 36-inch or 48-inch models. The durable coring or spoon tines or slicing knives penetrate densely compacted soil with ease. Compatible with any tractor that has a category "0" or "1" 3-point hitch capable of lifting 515 lbs (36-inch model) or 715 lbs (48-inch model).

The Lawnaire Tow-Behind makes aerating mid-sized turf areas from one to five acres easy. With a 36-inch swath, it can aerate 1.5 to 2.0 acres per hour, quickly and effortlessly. Lifting and lowering the tines is easy with manual, hydraulic and electric lift options.

All tines are constructed of hardened steel and aerate to a depth up to four inches. For added durability and reduced maintenance, these rugged machines have cast iron tine wheels with bushings and lubrication fittings. Independently mounted tine wheels allow turning while the tines are in the ground, setting the standard in efficiency.



A variety of available lifting mechanisms allows you to easily lift and lower your aerating unit (electric lift shown).



Three varieties of hardened steel tines provide years of rugged and dependable service.

- |               |   |
|---------------|---|
| <b>TINES</b>  |   |
| 515197        | Tine, Coring 3/4 in. (19mm), Back Discharge, Thick Wall |
| 515196        | Tine, Coring 1/2 in. (13mm), Back Discharge, Thick Wall |
| 520404        | Tine, Spoon   |
| <b>KNIVES</b> |   |
| 521155        | Deep Slicing Knife                                      |
| 515193        | Shallow Slicing Knife                                   |

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TURF AERATORS II



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DESIGNED TO DELIVER  
ON CHALLENGING TERRAIN  
AND UNDULATING TURF

## RENOVAIRE

With each pair of tine wheels mounted independently from the others, the hard-working Renovaire® aerator follows the contour of the landscape, providing unmatched coring precision on undulating surfaces such as golf course fairways and roughs. With six feet of aerating width and an operating speed of four miles per hour, the Renovaire is capable of completing three acres in a single hour. Your choice of coring or spoon tines or slicing knives penetrate to a depth of up to four inches. Each weight tray is capable of holding up to 150 pounds, allowing pristine aeration even in the most heavily compacted soil. Just attach it to any tractor capable of towing 1,600 pounds and get ready to conquer the ups and downs of the most challenging surfaces.



MODEL: 544317A

72-INCH COVERAGE FOR  
LARGE, FLAT, COMPACTED  
HIGH-TRAFFIC AREAS

## TRACAIRE

Hardened steel tines aerate up to four inches down into even the most challenging surfaces, helping deep-rooted grass to prosper in even the harshest conditions. An option of coring or spoon tines or slicing knives provides versatility, while cast iron tine wheels with bushings add durability and reduce maintenance. Tow the Tracaire® aerator with any tractor that is capable of towing 1,100 pounds and has a category "1" 3-point hitch. You'll marvel at its resiliency – not to mention that of the resulting turf.



MODEL: 544423A

TURF AERATORS



Each weight tray is capable of holding up to 150 pounds for better penetration in heavily compacted soil.



Independently mounted tine wheels follow terrain contours closely for clean, precise aeration of undulated surfaces.

- TINES**
- 515197\* Tine, Coring 3/4 in. (19mm), Back Discharge, Thick Wall
  - 515196 Tine, Coring 1/2 in. (13mm), Back Discharge, Thick Wall
  - 520404 Tine, Spoon
- KNIVES**
- 521155 Deep Slicing Knife
  - 515193 Shallow Slicing Knife

\*Standard configuration



The cast iron aeration wheels have eight tines per wheel standard. Another eight tines can be installed on the wheel, doubling the amount of material removed during coring.



Effortlessly connect the Tracaire to a wide variety of tractors with its durable 3-point hitch configuration.

- TINES**
- 515197\* Tine, Coring 3/4 in. (19mm), Back Discharge, Thick Wall
  - 515196 Tine, Coring 1/2 in. (13mm), Back Discharge, Thick Wall
  - 520404 Tine, Spoon
- KNIVES**
- 521155 Deep Slicing Knife
  - 515193 Shallow Slicing Knife

\*Standard configuration



The First Name in Turf Renovation™

DETHATCHERS & OVERSEEDERS



AVAILABLE WITH ONE OF THREE REEL OPTIONS:



FIXED BLADES



FLAIL BLADES



SPRING TINES

Ren-O-Thin  
MODELS: 554870; 554871; 554872;  
554873; 554874; 554875



Ren-O-Thin  
with optional  
seed box



Ren-O-Thin with optional seed box

NEWLY REDESIGNED,  
COMPACT AND ADJUSTABLE  
FOR OPTIMIZED DETHATCHING

## REN-O-THIN POWER RAKE

The Ren-O-Thin® Power Rake offers the kind of performance that boosts your bottom line. An easy-to-operate height adjustment lets you fine-tune depth from 1 inch above the ground to 7/8 inch below. The ergonomic, multi-position handle is designed for different user heights, and it folds for storage and transport. Lift and lock the tines off the ground in transport mode. A new, easy on, easy off seed box accessory is available with handle-mounted controls to regulate seed flow.



Infinite height adjustment allows you to change the height of the deck to obtain the best performance.



New easy fold-up, fold-down handle allows for easy transporting of the unit (shown with optional seed box accessory).



Bubble shield is new and improved with a simpler design, and it's easier to replace.

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DETHATCHERS & OVERSEEDERS



Mataway Overseeder  
MODEL: 544873D



Mataway Dethatcher  
MODEL: 544283D

TOUGH, VERSATILE  
MACHINES BUILT FOR  
EFFICIENT MULTITASKING

## MATAWAY OVERSEEDERS & DETHATCHERS

The Mataway® Overseeder delivers seed straight to the curve-shaped discs, placing it directly into the soil slits for unmatched seed-to-soil contact. The seed flow rate is easily controlled right from the operator's station, and the flow stops automatically when the reel is raised for maximum control and precise operation.

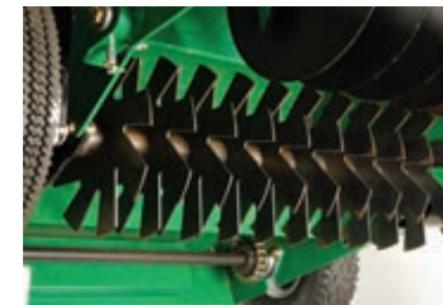
The Mataway Dethatcher is built for heavy-duty turf renovation and dethatching. This self-propelled workhorse offers user-friendly features like cutting depth control right from the operator's station. Its five different reel types are easily interchangeable. For optimal efficiency, a 19-inch working width allows you to cover up to 18,700 square feet per hour.



Mataway  
Overseeder



The seed rate control allows for seeding at variable rates and for different grass varieties and applications.



Durable cutting blades can be adjusted down to a depth of 1½".



The curved shape of the discs direct the seed into the soil slits for ultimate seed-to-soil contact and maximum germination.

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DETHATCHERS & OVERSEEDERS 17



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SOD CUTTERS



THE LEGENDARY PERFORMANCE YOU COUNT ON, NOW WITH 75% LESS VIBRATION

## JR. SOD CUTTER

The Jr. Sod Cutter sports a host of features, including reduced hand/arm vibration, cut by a remarkable 75 percent for more comfortable operation. A pneumatic rear caster wheel with lockout allows curved landscape or straight cutting with unmatched ease and precision. Our unique blade pitch angle adjustment allows for more or less aggressive cutting angles as conditions warrant. A true workhorse, the Jr. Sod Cutter packs the performance, convenience and reliability you've come to expect from RYAN®.

MODELS: 544951H; 544953C;  
544952H; 544954C



Pneumatic swiveling rear wheel makes it easy to maneuver tightly around turns and cut closely along contoured landscape edges.

## JR. SOD CUTTER ACCESSORIES

As if the RYAN® Jr. Sod Cutter isn't efficient and versatile enough, a full line of convenient accessories are available to make your job even easier – and more profitable. Each piece of equipment is easy to operate and simple to install. They're the ultimate complement to an already industry-leading machine.



### TOTE TRAILER

It takes just one person to load, unload and haul the Lawnaire® IV, Lawnaire V, or the Jr. Sod Cutter.



### MOLE BLADE KIT (WIRE/TUBE PULLER)

Easily bury wire or tubing up to 5" deep with minimal turf disturbance. The wire/tube puller is ideal for landscape lighting, irrigation systems and many other applications.



### V-TRENCHER KIT

Install cable and tackle other small to medium-sized trenching jobs with this user-friendly and cost-effective kit.



Rubber isolation mount absorbs much of the machine's vibration before it ever reaches your hands.



Easy depth and blade angle adjustment allow precise cutting in a wide variety of landscape contours and soil conditions.

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SOD CUTTERS



A STEADY, DEPENDABLE  
SOD CUTTER FOR ANY LARGE JOB

## HEAVY DUTY SOD CUTTER

Large enough to conquer big jobs yet still easily portable, this unit is ideal for sod farms and sports fields. It is capable of cutting and rolling up to three acres of sod a day. No sod cutter has ever been more user-friendly. Adjust blade depth, change blade angles and control the handle-mounted throttle all from the operator's station. A cutting-depth guide helps ensure that every adjustment is accurate. For added convenience, an automatic sod cut-off allows precise cutting from one to six-foot sod lengths. Want even more efficiency? The Sulky Roller Kit allows you to cut and roll at the same time.

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MODELS: 544853G; 544854G



Durable cutting blade is easily adjustable down to a depth of 2 1/2" and can change angles to match soil and blade conditions.

### HEAVY DUTY SOD CUTTER ACCESSORIES

Like the Jr. Sod Cutter, the RYAN® Heavy Duty Sod Cutter offers a complete line of convenient accessories. These durable, efficient add-ons offer the opportunity to get on and off each job even faster. And with maximized precision, the quality of work will exceed your expectations as well as those of your customers.



#### SOD HOLD DOWN SKIDS KIT

The Sod Hold Down Kit keeps the sod from buckling and may be necessary in very sandy soil conditions or when the ground is dry.



#### ROLL DIVERTER KIT

Working in conjunction with the Sulky Roller, the Roll Diverter Kit moves the rolled sod pieces out of the way so you don't ride over previously cut sod.



#### SULKY ROLLER

Give your feet a rest with this attachment and precisely cut sod while you take a seat.



A forward metering wheel measures accurate sod cut lengths.



Automatic sod cutoff provides precise cutting of sod strips from one to six feet long.

FIND THE RIGHT RYAN® PRODUCT FOR YOU

# PRODUCT SPECIFICATIONS

Just short of seeing and testing one in person, our product specifications show you everything you can expect from your RYAN® products. We list everything from standard features and measurements to customizing options, so you can hone in on the perfect machine to get the job done right. Once you find it, all that's left to do is visit a certified RYAN® dealer to make it a reality.

All RYAN® products come with a two-year commercial warranty. Please ask your local dealer for details, or refer to the product manual.



Lawnaire® ZTS

<b>Engine</b>	Kawasaki® FS541V
<b>Fuel Capacity</b>	5 gal
<b>Transmission</b>	2 Hydro-Gear® ZT3200®
<b>Hydraulic Oil Capacity</b>	7 qt
<b>Ground Speed FWD</b>	0 - 7.4 mph
<b>Drive Tires &amp; Wheels</b>	18 x 6.50-8; Pneumatic
<b>Front Caster Tires &amp; Wheels</b>	13 x 5.00-6; Pneumatic
<b>Aeration Width</b>	30 in.
<b>Tines (# of)</b>	48
<b>Tine Down Pressure</b>	0-700 lbs
<b>Core Depth</b>	2 - 5 in.
<b>Holes Per Square Foot</b>	Up to 5.1 (55/m²)
<b>Width</b>	47.25 in.
<b>Length</b>	60.5 in. platform up (69.5 in. platform down)
<b>Height</b>	48 in.
<b>Curb Weight</b>	1,235 lb
<b>Productivity</b>	up to 97,800 sq ft/hr (9,086 m²/hr)



Mataway® Overseeder

<b>Engine Model</b>	4-cycle Honda® GX390; recoil start; on/off switch; low-oil alert
<b>Displacement</b>	23.7 cu in. (389 cc)
<b>Fuel Capacity</b>	1.6 gal (6.1 L)
<b>Oil Capacity</b>	1.16 qt (1.1 L)
<b>Clutch</b>	Spring-loaded belt tightener
<b>Drive</b>	4L-section V-belt to front wheels by gear box and sealed roller chain; triple 3V-section V-belts engine to reel
<b>Lubrication</b>	Oil splash in gear case, pressure grease fitting elsewhere
<b>Cutting Depth</b>	Adjustable for any desired depth to 1.5 in. (38 mm)
<b>Slicing Width</b>	19 in. (483 mm)
<b>Tires</b>	Front: (2) 4.10/3.50 x 4, 2-ply pneumatic, knob tread; Rear: (2) 4.10/3.50 x 4, 2-ply pneumatic, sawtooth tread
<b>Productivity</b>	Single Pass: 80%; 18700 sq ft/hr; Double Pass: 80%; 9400 sq ft/hr
<b>Seeding Blade</b>	(10) 8-point, high-carbon, heat-treated blades, 2 in. (51 mm) spacing
<b>Flail Blade Type</b>	1/8 in. (3 mm) at 1 in. (25 mm) spacing
<b>Fixed Blade Type</b>	1/32 in. (1 mm) at 1/2 in. (13 mm) spacing; 1/32 in. (1 mm) at 1 in. (25 mm) spacing; 1/16 in. (2 mm) at 1 in. (25 mm) spacing; 1/16 in. (2 mm) at 1 1/2 in. (38 mm) spacing
<b>Weight: Wet</b>	453 lb (205 kg) w/o reel
<b>Width</b>	35.5 in. (902 mm)
<b>Length</b>	50 in. (1,270 mm)
<b>Height</b>	44 in. (1,118 mm)



	Ren-O-Thin® Power Rake	Mataway® Dethatcher
<b>HONDA Engine Model</b>	4-Cycle Honda® GX160; recoil start; on/off switch; low-oil alert	4-cycle Honda® GX390; recoil start; on/off switch; low-oil alert
<b>Displacement</b>	9.9 cu in. (163 cc)	23.7 cu in. (389 cc)
<b>Fuel Capacity</b>	0.82 gal (3.1 L)	1.6 gal (6.1 L)
<b>Oil Capacity</b>	0.61 qt (0.58 L)	1.16 qt (1.1 L)
<b>BRIGGS &amp; STRATTON Engine Model</b>	4-Cycle Vanguard™; recoil start; dual-air cleaner; low-tone muffler	-
<b>Displacement</b>	12.5 cu in. (205 cc)	-
<b>Fuel Capacity</b>	1.08 gal (4.1 L)	-
<b>Oil Capacity</b>	0.63 qt (0.6 L)	-
<b>Clutch</b>	Spring-loaded belt tightener	
<b>Drive</b>	A-section V-belt from engine to reel	4L-section V-belt to front wheels by gear box and sealed roller chain; triple 3V-section V-belts engine to reel
<b>Tires</b>	(4) 8 x 1.75 semi-pneumatic, smooth tread	Front: (2) 4.10/3.50 x 4, 2-ply pneumatic, knob tread; Rear: (2) 4.10/3.50 x 4, 2-ply pneumatic, sawtooth tread
<b>Cutting Depth</b>	Reel adjustable from 1 in. (25 mm) above ground to 0.875 in. (22 mm) into ground; microcrew adjustment	Adjustable for any desired depth to 1.5 in. (38 mm)
<b>Flail Blade Type</b>	1/8 in. (3 mm) at 1 in. (25 mm) spacing	
<b>Fixed Blade Type</b>	1/8 in. (1 mm) at 1.0 in. (25 mm) spacing	1/32 in. (1 mm) at 1/2 in. (13 mm) spacing; 1/32 in. (1 mm) at 1 in. (25 mm) spacing; 1/16 in. (2 mm) at 1 1/2 in. (38 mm) spacing
<b>Spring Type</b>	0.109 in. (2.76 mm) at 0.75 in. (19 mm) spacing	-
<b>Blades</b>	Hardened, high-carbon steel	
<b>Weight: Wet</b>	131 lb (60 kg)	376 lb (171 kg) w/o reel
<b>Width</b>	27 in. (686 mm); Operating Width: 18 in. (457 mm)	35.5 in. (902 mm)
<b>Length</b>	55.5 in. (1,410 mm)	50 in. (1,270 mm)
<b>Height</b>	39.0 in. (991 mm)	44 in. (1,118 mm)
<b>Optional Seed Box: Capacity</b>	0.76 cu ft (21.5 L), or 0.61 bu	-
<b>Optional Seed Box: Weight</b>	30 lb (14 kg)	-
<b>Lubrication</b>	-	Oil splash in gear case, pressure grease fitting elsewhere
<b>Slicing Width</b>	-	19 in. (483 mm)
<b>Productivity</b>	-	Single Pass: 80%; 18,700 sq ft/hr; Double Pass: 80%; 9,400 sq ft/hr



	Jr. Sod Cutter	Heavy Duty Sod Cutter
<b>HONDA Engine Model</b>	4-Cycle Honda® GX160; recoil start; dual-air cleaner; low-oil alert	4-cycle Honda® GX390; recoil start; on/off switch; low-oil alert
<b>Displacement</b>	9.9 cu in. (163 cc)	23.7 cu in. (389 cc)
<b>Fuel Capacity</b>	0.82 gal (3.1 L)	1.6 gal (6.1 L)
<b>Oil Capacity</b>	0.61 qt (0.58 L)	1.16 qt (1.1 L)
<b>BRIGGS &amp; STRATTON Engine Model</b>	4-Cycle Vanguard™; recoil start; dual-air cleaner; low-tone muffler	-
<b>Displacement</b>	12.5 cu in. (205 cc)	-
<b>Fuel Capacity</b>	1.08 gal (4.1 L)	-
<b>Oil Capacity</b>	0.63 qt (0.6 L)	-
<b>Clutch</b>	Spring-loaded belt tightener	
<b>Drive</b>	V-belt engine to gear case; double roller chain to blade eccentric shaft; gears and roller chain to traction wheels; transmission has separate dog clutches to engage cutting blade and traction drive	Banded A-section, V-belt engine to gear case; gears and roller chain to drive wheels; gears to blade eccentric shaft; all gears heat-treated; two forward speeds; transmission has dog clutch to disengage blade
<b>Drive Wheel</b>	(2) 8 in. (203 mm) diameter, knob tread; rubber-vulcanized to cast-iron hubs	
<b>Lubrication</b>	Oil splash in gear case; pressure grease fittings elsewhere	
<b>Speed: High Gear</b>	Up to 135 ft/min (41 m/min)	High Gear: up to 187 ft/min (57 m/min); Low Gear: up to 150 ft/min (46 m/min)
<b>Cutting Width</b>	12 in. (305 mm) or 18 in. (457 mm)	16 in. (406 mm) or 18 in. (457 mm)
<b>Cutting Thickness</b>	Adjustable up to 2.5 in. (64 mm)	
<b>Weight:Wet</b>	12 in. Model: 333 lb (151 kg); 18 in. Model: 373 lb (169 kg)	16 in. Model: 551 lb (250 kg); 18 in. Model: 556 lb (252 kg)
<b>Width</b>	25 in. (635 mm)	31 in. (787 mm)
<b>Length</b>	53 in. (1,346 mm)	78 in. (1,981 mm)
<b>Height</b>	40 in. (1,016 mm)	36 in. (914 mm)
<b>Auto Cutoff</b>	-	Roller chain drive; friction disc clutch and brake; sod-strip length adjustable from 1 ft (305 mm) to 6 ft (1,829 mm)
<b>Tires</b>	Rear: 9 x 3.50 - 4 with sealed ball bearings	Rear: 2.80/2.50 x 4 with sealed roller bearings



	Lawnaire® IV w/ EST	Lawnaire V w/ EST	Lawnaire IV	Lawnaire V	Lawnaire 28
<b>HONDA Engine Model</b>	4-cycle Honda® GX120; recoil start; on/off switch; low-oil alert				4-cycle, Honda® GX200; recoil start; on/off switch; low-oil alert
<b>Displacement</b>	7.2 cu in. (118 cc)				12 cu in. (196 cc)
<b>Fuel Capacity</b>	0.53 gal (2 L)				0.82 gal (3.1 L)
<b>Oil Capacity</b>	0.59 qt (0.56 L)				0.63 qt (0.6 L)
<b>BRIGGS &amp; STRATTON Engine Model</b>	4-cycle Briggs & Stratton® Intek™; recoil start; on/off switch; dual air cleaner; low-tone muffler				-
<b>Displacement</b>	12.5 cu in. (205 cc)				-
<b>Fuel Capacity</b>	0.84 gal (3.2 L)				-
<b>Oil Capacity</b>	0.63 qt (0.6 L)				-
<b>Clutch</b>	Belt tightener				
<b>Drive: Primary</b>	4L section V-belt				Wheels: A-section V-belt, #40 nickel plated roller chain
<b>Drive: Tine &amp; Drum</b>	Single #40 nickel-plated chain				Tine: B-section V-belt, #50 nickel plated roller chain
<b>Tines</b>	0.75 in. (19 mm) diameter coring type formed from 0.08 in. (2 mm) hollow, hardened alloy steel				Hollow, tapered, hardened steel
<b># of Tines</b>	30 tines per aerator	42 tines per aerator	30 tines per aerator	42 tines per aerator	4 arms, 2 tines per arm
<b>Lubrication</b>	Grease zerks on the wheels, tine wheels & idler pivot / oil chain		Grease zerks on the wheels & idler pivot / oil chain		5 grease fittings
<b>Coring Depth</b>	Up to 2.75 in. (70 mm)				Up to 2.5 in. (64mm)
<b>Core Diameter</b>	0.75 in. (19mm)				
<b>Aeration Pattern</b>	3.75 in. x 7 in. (95 mm x 178 mm)				3.5 in. x 5 in. (89 mm x 127 mm)
<b>Aerating Width</b>	19 in. (483 mm)	26.5 in. (673 mm)	19 in. (483 mm)	26.5 in. (673 mm)	28 in. (711 mm)
<b>Holes Per Square Foot (single pass)</b>	Up to 5.5 per sq ft (59 m²)				Up to 8 per sq ft (86 m²)
<b>Productivity</b>	Aerates up to 29,000 sq ft/hr (2,694 m²/hr) at 3.5 mph	Aerates up to 40,000 sq ft/hr (3,716 m²/hr) at 3.5 mph	Aerates up to 29,000 sq ft/hr (2,694 m²/hr) at 3.5 mph	Aerates up to 40,000 sq ft/hr (3,716 m²/hr) at 3.5 mph	Aerates up to 24,000 sq ft/hr (2,230 m²/hr)
<b>Tires</b>	(2) 8 x 2.25 semi-pneumatic w/ball bearings				Front: 4.10/3.50 x 4, 4-ply; Back: 2.80/2.50 x 4, 4-ply
<b>Weight: Wet</b>	220 lb (100 kg)	250 lb (113 kg)	214 lb (97 kg)	241 lb (109 kg)	411 lb (186 kg)
<b>Weight: Wet w/ Weights</b>	261 lb (118 kg)	292 lb (132 kg)	255 lb (116 kg)	283 lb (128 kg)	-
<b>Weight: Wet w/Weights &amp; Water in Drum</b>	304 lb (138 kg)	357 lb (162 kg)	298 lb (135 kg)	348 lb (156 kg)	-
<b>Width</b>	28 in. (711 mm)	35.5 in. (902 mm)	28 in. (711 mm)	35.5 in. (902 mm)	34 in. (864 mm)
<b>Length</b>	53.5 in. (1,359 mm)				56 in. (1,422 mm)
<b>Height</b>	48.8 in. (1,240 mm); 30 in. (762 mm) w/handle folded	48.5 in. (1,232 mm)	48.8 in. (1,240 mm); 30 in. (762 mm) w/handle folded	48.5 in. (1,232 mm)	48 in. (1,219 mm)
<b>Reversing Gearbox</b>	-				Oil bath
<b>Differential</b>	-				Grease
<b>Transport</b>	-				2.1 mph (3.4 km/h)
<b>Brakes</b>	-				Automatic parking brake
<b>Handles</b>	-				Rubber isolated handlebars
<b>Bearings</b>	-				Sealed precision bearings



	Lawnaire® 3-Point Hitch	Lawnaire Tow-Behind	Tracaire	Renovaire
<b>Frame</b>	1.5 in. (38 mm) sq x 0.1875 in. (5 mm) wall tube			
<b>Hitch</b>	Category "0" or "1"	Clevis and pin type	Standard 3-point tractor hitch, category "1"	Clevis and pin type
<b>Aerating Wheel Axle</b>	1.25 in. (32 mm) diameter			
<b>Transport Wheel Axle</b>	-	0.75 in. (19 mm) diameter	-	-
<b>Aerating Wheels</b>	Cast iron with sintered bushings; pressure lubrication fitting; grooved for mounting aerating tines on both sides; each wheel weighs 75 lb (34 kg)			
<b>Tines</b>	8 per wheel (48 on 36 in.; 64 on 48 in.); one set of 0.75 in.; (19 mm) diameter coring tines standard; wheels can be mounted with double tines; 16 per wheel	8 per wheel (48 total); one set 0.75 in. (19 mm) diameter coring tines standard; tines are formed from austemper-hardened alloy steel; wheels can be mounted with double tines, 16 per wheel (96 total)	8 per wheel (96 total); standard one set 0.75 in. (19 mm) coring; wheels can be mounted with double set of tines, 16 per wheel (192 total)	
<b>Coring Depth</b>	Up to 4 in. (102 mm)			
<b>Aerating Width</b>	36 in. Model: 36 in. (914 mm); 48 in. Model: 48 in. (1,219 mm)	36 in. (914 mm)	72 in. (1,829 mm)	
<b>Aeration Pattern</b>	6 in. x 6 in. (152 mm x 152 mm) with single tines; 3 in. x 3 in. (76 mm x 76 mm) with double tines			
<b>Holes Per Square Foot</b>	Up to 4 with single tines; up to 8 with double tines			
<b>Weight</b>	36 in. Model: 510 lb (231 kg); 48 in. Model: 710 lb (322 kg)	500 lb (227 kg)	1,052 lb (477 kg)	1,518 lb (689 kg)
<b>Width</b>	36 in. Model: 35 in. (889 mm); 48 in. Model: 47 in. (1,194 mm)	46 in. (1.2 m)	78 in. (1,981 mm)	96 in. (2,438 mm)
<b>Length</b>	31 in. (787 mm)	68.5 in. (1.7 m)	48 in. (1,219 mm)	60 in. (1,524 mm)
<b>Height</b>	34.5 in. (876 mm)	31 in. (787 mm)	24 in. (610 mm)	36 in. (914 mm)
<b>Productivity</b>	36 in. Model: Up to 1.5 acres/hr (0.6 ha/hr) at 4 mph (6 km/hr); 48 in. Model: Up to 1.9 acres/hr (0.8 ha/hr) at 4 mph (6 km/hr)	Up to 1.5 acres/hr (0.6 ha/hr) at 4 mph (6 km/hr)	Up to 3 acres/hr (1.2 ha/hr) at 4 mph (6 km/hr)	
<b>Towing Speed</b>	-	10 mph (16 km/hr) max	-	10 mph (16 km/hr) max
<b>Transport Lift</b>	-	Wheels are pivotable about extended axle shaft using removable lever or 700 psi hydraulic lift	-	Hydraulic cylinder
<b>Transport Tires</b>	-	4.10/3.50-4, 2-ply semi-pneumatic tires with ball bearings	-	16 x 4.80-8, 6-ply
<b>Options</b>	-	Hydraulic, electric or manual lift	-	Manual hydraulic pump
<b>Power</b>	Tractor mounted	Tractor-draw	Tractor mounted	Tractor-draw
<b>Lubrication</b>	Pressure grease fittings at tine wheels	Pressure grease fittings at tine wheels and wheels	Pressure grease fittings at pivot points and tine wheels	
<b>Weight Tray</b>	-			Set of 6 included



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