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Jr. Sod Cutter-Hydr
Professional Gr

PRODUCT CATALOG

JR. SOD CUTTER – HYDRO

Legendary performance meets new transmission technology for more power and control. The Jr. Sod Cutter – Hydro’s innovative, hydrostatic, variable-speed transmission lets you power through the cut while a cast-iron gear case and hydraulic cooling system stand up to demands—season after season.



1. INTUITIVE CONTROLS & COLOR-CODED INTERFACE

2. POWERFUL HYDROSTATIC TRANSMISSION

3. VARIABLE SPEEDS (FORWARD AND REVERSE)



PNEUMATIC SWIVELING REAR WHEEL



INTUITIVE CONTROLS



COMMERCIAL HYDROSTATIC DRIVE



JR. SOD CUTTER

The gold standard in the golf, sports turf, rental and landscape industries for over 75 years, the Jr. Sod Cutter packs the dependable performance you need to get the job done. More user-friendly than ever before, this workhorse embodies our commitment to innovation and performance.



1. EASY STEER TECHNOLOGY

2. ULTRA-LOW VIBRATION TECHNOLOGY

3. SIMPLE DEPTH & BLADE-ANGLE ADJUSTMENT



PNEUMATIC SWIVELING REAR WHEEL



RUBBER ISOLATION MOUNT



LASER CLAD BLADE (OPTIONAL)



LAWNAIRE® IV & V AERATORS WITH EASY STEER TECHNOLOGY

The Lawnaire IV & V open up new possibilities in productivity and profitability. Easy Steer Technology and innovative engineering with tine assemblies that rotate independently make maneuvering around highly landscaped areas fast and efficient.



Lawnaire IV with
Easy Steer Technology
MODELS: 544908A; 544909C

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

1. 3/4" (19MM) DIAMETER, STEEL CORING TINES
2. REMOVABLE WEIGHTS
3. FRONT BUMPER GUARD



EASY STEER TECHNOLOGY



STANDARD 3/4", HARDENED ALLOY STEEL CORING TINES



REMOVABLE WEIGHTS FOR EASIER LIFTING AND TRANSPORTING

LAWNNAIRE® ZTS AERATOR

The Lawnnaire ZTS is capable of covering 2.25 acres per hour at ground speeds up to 7 mph. Its innovative features and controls also give you the power and speed to take on big jobs—and turn a profit while doing it.



1. INTUITIVE CONTROLS & ZERO-TURN OPERATION

2. REVOLUTIONARY, AUTOMATIC CHAIN-TENSIONING SYSTEM

3. SHOCK-ABSORBING PLATFORM



OPTIONAL LED LIGHT KIT



ERGONOMIC HAND CONTROLS



EASILY REMOVABLE OPERATOR PAD





RENOVAIRE® AERATOR

The economical Renovaire is designed for aerating acres of undulating turf.

1. SIX FEET OF AERATING WIDTH
2. INDEPENDENTLY MOUNTED TINE WHEELS FOLLOW TERRAIN CONTOURS
3. WEIGHT TRAYS WITH UP TO 150 LB CAPACITY EACH



TRACAIRES® AERATOR

Your go-to when aerating large, high-traffic fields with heavy compaction, the Tracaire is equipped with hardened, alloy-steel tines for aerating up to 5" depths in the most challenging surfaces.

1. CAST-IRON TINE WHEELS WITH BUSHINGS
2. DURABLE, THREE-POINT HITCH CONFIGURATION
3. ABILITY TO CARRY 8 ADDITIONAL TINES PER WHEEL ASSEMBLY



LAWNAIRES® TOW-BEHIND AERATOR

Get through more acres efficiently with the 36" Lawnaire. Capable of aerating 1.5 acres per hour, it also comes with convenient manual, hydraulic or electric lift options.

1. MANUAL, HYDRAULIC OR ELECTRIC LIFT OPTIONS
2. CAST-IRON TINE WHEELS WITH SINTERED BUSHINGS
3. UP TO 5" CORING DEPTH



REN-O-THIN® POWER RAKE

The Ren-O-Thin is built for years of reliable operation and features simple height adjustment that lets you fine-tune your dethatching depth down to 1/4" below ground.



1. ERGONOMIC, MULTI-POSITION HANDLE

2. OFF-THE-GROUND TRANSPORT MODE

3. ADDITIONAL SEED BOX FOR OPTIONAL OVERSEEDING



INFINITE DECK HEIGHT ADJUSTMENT



EASY FOLD UP AND DOWN HANDLE



BUBBLE SHIELD PREVENTS THATCH BUILDUP



MATAWAY[®]

DETHATCHER AND OVERSEEDER

The Mataway is built for heavy-duty turf renovation and verticutting. With easy-to-use cutting depth controls and interchangeable reels/cutting blades for optimal efficiency, the Mataway dethatcher allows you to cover up to 18,700 square feet per hour. Use the Mataway Overseeder and deliver seeds directly into soil slits for fast germination.



1. OPTION TO USE REELS OR CUTTING BLADES
2. REEL ADJUSTABLE UP TO 1¼ INCHES FOR BLADE WEAR
3. COVERAGE UP TO 18,700 SQUARE FEET PER HOUR



SEED DEPTH GUIDE



ADJUSTABLE CUTTING BLADES



ULTIMATE SEED-TO-SOIL CONTACT AND MAXIMUM GERMINATION

PRODUCT SPECIFICATIONS

FIND THE RIGHT RYAN® PRODUCT FOR YOU

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.



Jr. Sod Cutter



Jr. Sod Cutter - Hydro

HONDA® Engine	4-Cycle GX160; recoil start; on/off switch; low-oil alert	
Displacement	9.9 cu in (163 cc)	
Fuel Capacity	0.82 gal (3.1 L)	
Oil Capacity	0.61 qt (0.58 L)	
BRIGGS & STRATTON® Engine	4-Cycle Vanguard™ 200 Model 12V3; recoil start; cyclonic air cleaner; integrated fuel valve; engine on/off switch	—
Displacement	12.4 cu in (203 cc)	—
Fuel Capacity	0.82 gal (3.1 L)	—
Oil Capacity	0.63 qt (0.6 L)	—
Clutch	Spring-loaded belt tightener	—
Drive	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	Spring tension belt drives a Hydro-Gear® BDU hydrostat that transfers power through an enclosed oil lubricated gear and chain reduction to the drive wheels
Lubrication	Oil splash in gear case; grease fittings elsewhere	
Cutting Thickness	Up to 2.5 in (64 mm), adjustable	
Cutting Width	12 in (305 mm) or 18 in (457 mm)	18 in (457 mm) or 24 in (610 mm)
Forward Speed	Up to 135 ft/min (41 m/min)	
Reverse Speed	—	Up to 176 ft/min (54 m/min)
Drive Wheel	Two 8 in (203 mm) diameter, knob tread; rubber-vulcanized to cast-iron hubs	
Tires	Rear: 9 x 3.50-4 with sealed ball bearings	
Weight: Wet	12 in Model; 333 lb (151 kg); 18 in Model (373 lb (169 kg)	18 in Model 380 lb (172 kg); 24 in Model 398 lb (181 kg)
Width	25 in (635 mm)	
Length	52.5 in (1,331 mm)	
Height	39.5 in (1,003 mm)	



Lawnaire® ZTS

Engine	4-Cycle Kawasaki® FS541V
Displacement	30.8 cu in. (603 cc)
Fuel Capacity	5 gal (18.9 L)
Transmission	(2) Hydro-Gear® ZT3200™
Hydraulic Oil Capacity	7 qt (6.6 L)
Tines	0.75 in (19 mm) formed from .08 in (2 mm) hardened chrome molybdenum alloy steel
# of Tines	48
Down Pressure	Up to 700 lbs (318 kg)
Aeration Depth	Up to 5 in (127 mm)
Aeration Width	30 in (762 mm)
Aeration Pattern	3.75 in x 8 in (95 mm x 203 mm)
Ground Speed: Forward	Up to 7.4 mph (11.9 km/h)
Ground Speed: Reverse	Up to 3.1 mph (5.6 km/h)
Productivity	Up to 97,800 ft²/hr (9,086 m²/hr)
Drive Tires & Wheels	18 x 6.50-8, pneumatic
Front Caster Tires & Wheels	13 x 5.00-6, pneumatic
Width	47.25 in (1200 mm)
Length: Platform Up	60.5 in (1537 mm)
Length: Platform Down	69.5 in (1765 mm)
Height	48 in (1219 mm)
Curb Weight	1,235 lbs (560 kg)
Warranty	2-year Limited Warranty



Lawnaire® IV w/ EST



Lawnaire® V w/ EST

HONDA® Engine	4-Cycle GX120; recoil start; on/off switch; low-oil alert	
Displacement	7.2 cu in (118 cc)	
Fuel Capacity	0.53 gal (2 L)	
Oil Capacity	0.59 qt (0.56 L)	
BRIGGS & STRATTON® Engine	4-Cycle Vanguard™ 200 Model 12V3; recoil start; TransportGuard™ integrated fuel valve/throttle; low-oil alert	
Displacement	12.4 cu in (203cc)	
Fuel Capacity	0.84 gal (3.3 L)	
Oil Capacity	0.63 qt (0.6 L)	
Clutch	Belt tightener	
Drive: Primary	4L section V-belt	
Drive: Tine & Drum	Single #40 nickel-plated chain	
Tines	0.75 in (19 mm) diameter coring tines formed from 0.08 in (2 mm) hollow hardened alloy steel	
# of Tines	30	42
Aeration Depth	Up to 2.75 in (70mm)	
Aerating Width	19 in (483 mm)	26.5 in (673 mm)
Aeration Pattern	3.75 in x 7 in (95 mm x 178 mm)	
Productivity	Up to 29,000 sq ft/hr (2,694 m²/hr)	Up to 40,000 sq ft/hr (3,176 m²/hr)
Tires	(2) 8 x 2.25 semi-pneumatic w/ball bearings	
Weight: Wet w/o Weights	222 lb (101 kg)	250 lb (113 kg)
Weight: Wet w/Weights	260 lbs (118 kg)	292 lb (132 kg)
Weight: Wet w/Weights & Water in Drum	295 lbs (134 kg)	357 lb (162 kg)
Width	28 in (711 mm)	35.5 in (902 mm)
Length	53.5 in (1,359 mm)	53.5 in (1,359 mm)
Height	48.8 in (1,240 mm)	48.5 in (1,232 mm)





	Lawnaire® Tow-Behind	Renovaire®	Tracaire®
Power	Tractor Draw	Tractor Draw	Tractor Mounted
Hitch	Clevis and pin type	Clevis and pin type	Category "1"
Axle: Aerating Wheel	1.25 in (32 mm) diameter	1.25 in (32 mm) diameter	1.25 in (32 mm) diameter
Axle: Transport Wheel	0.75 in (19 mm) diameter	0.75 in (19 mm) diameter bolted to frame	—
Aerating Wheels	Cast iron w/sintered bushing; pressure lubrication fitting; grooved for mounting aerating tines on both sides; each wheel weighs 75 lb (34 kg)		
Tines	0.75 in (19 mm) diameter coring tines formed from 0.08 in (2 mm) hollow hardened alloy steel		
# of Tines	48 standard, 96 optional	96 standard, 192 optional	96 standard, 192 optional
Tines Per Wheel	8 standard, 16 optional	8 standard, 16 optional	8 standard, 16 optional
Aeration Depth	Up to 5 in (127 mm)	Up to 5 in (127 mm)	Up to 5 in (127 mm)
Aeration Width	36 in (914 mm)	72 in (1,829 mm)	72 in (1,829 mm)
Aeration Pattern: Standard	6 in x 6 in (152 mm x 152 mm)	6 in x 6 in (152 mm x 152 mm)	6 in x 6 in (152 mm x 152 mm)
Aeration Pattern: Optional Double Tines	3 in x 3 in (76 mm x 76 mm)	3 in x 3 in (76 mm x 76 mm)	3 in x 3 in (76 mm x 76 mm)
Towing Speed	10 mph (16 km/hr) max	10 mph (16 km/hr) max	—
Productivity	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 (16 km/hr)	Up to 3 acres/hr (1.2 ha/hr) at 4 mph (16 km/hr)
Transport Tires	4.10/3.50-4, 2-ply semi-pneumatic tires with ball bearings	16 x 4.80-8, 6-ply	—
Transport Lift	Wheels are pivotable about extended axle shaft using removable lever or 700 psi hydraulic lift	Hydraulic cylinder	—
Dealer/customer installed options	Hydraulic, electric or manual lift	Manual hydraulic pump	—
Weight	500 lb (227 kg)	1518 lb (689 kg)	1,052 lb (477 kg)
Width	46 in (1,168 mm)	96 in (2,438 mm)	78 in (1,981 mm)
Length	68.5 in (1,740 mm)	60 in (1,524 mm)	48 in (1,219 mm)
Height	31 in (787 mm)	36 in (914 mm)	24 in (610 mm)



	Ren-O-Thin® Power Rake	Mataway® Dethatcher
HONDA® Engine	4-Cycle GX160; recoil start; on/off switch; low-oil alert	4-Cycle GX390; recoil start; on/off switch; low-oil alert
Displacement	9.9 cu in (163 cc)	23.7 cu in (389 cc)
Fuel Capacity	0.82 gal (3.1 L)	1.6 gal (6.1 L)
Oil Capacity	0.61 qt (0.58 L)	1.16 qt (1.1 L)
Clutch	Spring-loaded belt tightener	Spring-loaded belt tightener
Drive	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
Lubrication	—	Oil splash in gear case, grease fittings elsewhere
Blade Adjustment	Micrometer screw; adjustable up to 1.25" (32 mm) for blade wear	Micrometer screw; adjustable up to 1.25" (32 mm) for blade wear
Flail Reel Type	Hardened high-carbon steel blades: 1/8 in (3 mm) at 1 in (25 mm) spacing	Hardened high-carbon steel blades: 1/8 in (3 mm) at 1 in (25 mm) spacing
Fixed Reel Type	Hardened high-carbon steel blades: 1/8 in (3 mm) at 1 in (25 mm) spacing	Hardened high-carbon steel: <ul style="list-style-type: none"> • 1/32 in (1 mm) blades at 1/2 in (13 mm) spacing • 1/32 in (1 mm) blades at 1 in (25 mm) spacing • 1/16 in (2 mm) blades at 1 in (25 mm) spacing • 1/16 in (2 mm) blades at 1 1/2 in (13 mm) spacing
Spring Tine Type	0.109 in (2.76 mm) at 0.75 in (19 mm) spacing	—
Fixed Blade Depth	Up to 0.25 in (6 mm) below ground	Up to 0.25 in (6 mm) below ground
Slicing Width	18 in (457 mm)	19 in (483 mm)
Productivity	—	Single Pass: 80%; 18,700 sq ft/hr; Double Pass: 80%; 9,400 sq ft/hr
Tires	(4) 8 x 1.75 semi-pneumatic, smooth tread	Front: (2) 4.10/3.50 x 4, 2-ply pneumatic, knob tread; Rear: (2) 4.10/3.50-4, 2-ply pneumatic, sawtooth tread
Optional Seed Box: Capacity	0.76 cu ft (21.5 L), or 0.61 bu	—
Optional Seed Box: Weight	30 lb (14 kg)	—
Weight: Wet	131 lb (60 kg)	376 lb (171 kg) w/o reel
Width	27 in (686 mm)	35.5 in (902 mm)
Length	55.5 in (1,410 mm)	50 in (1,270 mm)
Height	39.0 in (991 mm)	44 in (1,118 mm)



	Mataway® Overseeder
HONDA® Engine	4-Cycle GX390; recoil start; on/off switch; low-oil alert
Displacement	23.7 cu in (389 cc)
Fuel Capacity	1.6 gal (6.1 L)
Oil Capacity	1.1 qt (1.1 L)
Clutch	Spring loaded belt tightener
Drive	4L-section V-belt to front wheels by gear box and nickel-plated roller chain, triple 3V-section V-belts engine to reel
Lubrication	Oil splash in gear case, pressure grease fitting elsewhere
Blade Adjustment	Micrometer screw; adjustable up to 1.25" (32 mm) for blade wear
Seeding Reel Type	(10) 8 point, high carbon, heat treated blades, 2 in (51 mm) spacing
Flail Reel Type	Hardened 1/8 in (3 mm) high-carbon steel blades at 1 in (25 mm) spacing
Fixed Reel Type	Hardened high-carbon steel: <ul style="list-style-type: none"> • 1/32 in (1 mm) blades at 1/2 in (13 mm) spacing • 1/32 in (1 mm) blades at 1 in (25 mm) spacing • 1/16 in (2 mm) blades at 1 in (25 mm) spacing • 1/16 in (2 mm) blades at 1 1/2 in (13 mm) spacing
Seeding Blade Depth	Up to 0.25 in (6 mm) below ground
Fixed Blade Depth	Up to 0.25 in (6 mm) below ground
Slicing Width	19 in (483 mm)
Productivity	Single Pass: 80%, 18700 sq ft/hr (1737 m ² /hr); Double Pass: 80%, 9400 sq ft/hr (873 m ² /hr)
Tires	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
Weight	453 lb (205 kg) w/o reel
Width	35.5 in (902 mm)
Length	50 in (1270 mm)
Height	44 in (1118 mm)



At Ryan, we've built a reputation for building some of the longest-lasting, heavy-duty equipment in the industry. **And we've proven it for more than 75 years.**

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