



Guide for Turf Machinery

Golf Courses

Sports Fields

Parks

Municipalities



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Soil Preparation



Laser-guided Box Grader: rotating laser beacon guides grader box to automatically lower or raise to cut or fill for precisely level surfaces.



Laser-guided Leveling System: for all skid steers. Levels sports fields and green areas in general.



Heavy-duty Scraper for site preparation & soil leveling before planting.



Compact Grader: tow-type; 180-250cm width; hydraulic blade angling (left /right); hydraulic tilting (one side up/down); ideal for undulating surfaces.



Box Scraper: tractor-mounted; 120-200cm width; Fixed, retractable or hydraulic scarifier bar.



Grading Blade: tractor-mounted; for 25 to 150-hp tractor; 150-250cm width; forward, backfill, tilt angles.



Landscape Rake: tow-type for 12 to 30-hp; 120-250cm width; casters, scarifier, grader, hydraulic angling.



Power Rake: to prepare ground for seeding.
Breaks up earth lumps, fluffs soil and spreads evenly.



Drag Scraper to move soil and level grounds
to obtain flat playing surfaces.



Simple Grading Box: for spreading soil and gravel on
roads and playing fields. Low-cost system.



3-pt hitch Tandem Disk Harrow: ideal for preparing
fresh ground; turns soil over; for 25-45-hp tractors.

Soil Preparation

WOODS
GILL

SitePro



Rotary Tiller: PTO-drive, tractor-mounted;
slip clutch; 5-9 flanges; 20-36 bearings



Landscaping Pulverizer: tractor-mounted;
120-200cm width; front spikes break up soil;
rear rollers press down to make ideal seedbed.



Front Loader: tractor front-mounted;
joystick control; fits variety of tractors;
variety of loader attachments also available.

Seeders - Tractor-mounted



TURBO TURF



Turf Grass Seeder: tractor-mounted;
ground-drive; 120-350cm width;
seeds are broadcasted at $\frac{1}{2}$ " depth consistently.



Till & Seed System: simultaneously prepares the soil and seeds all in one pass for new ground seeding as well as overseeding. Forward area is like a tiller.
Rear is a precision seed planter.



Seeder / Overseeder: vibrating tines loosen soil;
seeds are dropped in front of the tines (for overseeding)
or behind the tines (for primary seeding).



Slit Disc
Overseeder:

PTO-drive

120cm
width

Sawtooth
blades

Disc seed
placement



Hydoseeder:

Spray seed,
mulch &
fertilizer all
together.

Ideal for
slopes & hard
to reach
places.



Fairway Sprig Planter: pull-type; ground-drive;
120-300cm width; 5cm coulter spacing.



Pedestrian Overseeder: especially designed for bent grass seeding on golf course greens.

Front rotating blades open up the soil where seeds are dropped in close rows.



Precision Drop Seeder:

60~107cm width

Cam gauge presets opening on stainless slide bottom.

Precise amount of seeds are dropped.



Push Broadcast Seeder:

25 or 50kg poly hopper

33cm pneumatic turf tires

Enclosed gearbox



Bag Seeder:

Sealed high speed gearbox

Even spread pattern

Variable shut-off control

Overseeders - Walk-behind



Mataway Overseeder: self-propelled; spring-loaded belt tightener clutch; seeding width 48cm; cutting depth up to 38mm.



Self-propelled Overseeder: hydrostatic-drive; 5.5-hp B&S or Honda engine; 50cm width; multi-purpose slicing blades; poly seed hopper.



Self-propelled Overseeder: 50cm width 8-hp Honda w/ centrifugal clutch; 23cm diameter dethatching blades w/ 5cm spacing; 18cm diameter disc openers.

Mowers - Tractor-mounted

WOODS

STEINER



Finishing Mower: PTO-drive; 1.2 to 2 meter cutting width; side discharge or rear discharge.



Wide Area Rotary Mower: folding wings; PTO-drive; 3.7, 4.6 or 5.2 meter width; ideal for sod farms.



Gang Reel Mower: PTO-drive; 3, 5 or 7 gang; 2.1, 3.5 or 4.9 meter cutting width; transport folding cylinder.



4-wheel-drive Garden Tractor with large selection of attachments for all lawn maintenance operation.



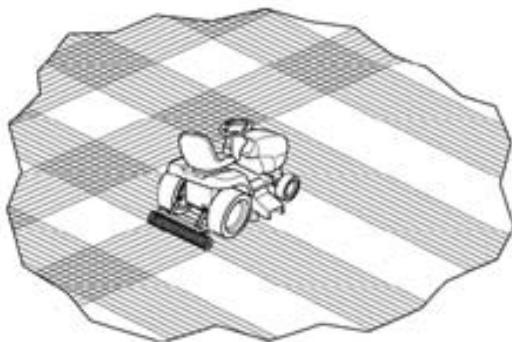
Offset Rotary Mower: PTO-drive; ideal for road-side maintenance; hydraulic folding wing; 3.2-4.3 meter width.



Wide Area
Brush Cutter:
extra heavy-
duty
4.5 or 6 meter
width
ideal for air
field mainte-
nance
hydraulic fold-
ing wings



Tractor-mounted
Rotary Cutters:
for mowing
grass and brush
along highways,
pastures and
general farming
operations
Available
in wide selection
of sizes



Professional
Lawn Stripping System:

For sports and football fields

Rollers attached behind the
mowing deck bend down
grass and create checker-
board design.



Professional Walk-behind Lawn Mowers with wide
mowing deck for commercial maintenance.
Mowing of small and medium lawns. Covers 3-4
times more ground than traditional lawn mowers.



Brush Cutter to mow heavy grass and brush along
roads, pathways and small fields.

Mowers - Ride-on



**LITTLE
WONDER**



Commercial Ride-on Mower for large surface
mowing including sports facilities and parks.

Grass collection system.
Designed for fast and speedy mowing by professionals.



Zero Turn Mower for efficient mowing
small and medium lawns.
Easy handling and fast speed mowing.



Bob-Cat ZTR mower: 19 to 25-hp Kawasaki gasoline or
20-hp Yanmar diesel engine; 122, 132, 155cm decks.

Mowers - Field Markers



EarthWay®
EV-N-SPRED

NEWSTRIPER
INC.



Affordable
Greens Mower:
43, 50 or 64cm
cutting width
10-blade reel
3½-5hp engine
Self-propelled or
push type
Includes grass
catcher



Residential Reel
Mower:
43, 50 or 64cm
cutting width
3½-5½hp engine
Self-propelled or
push type
Includes grass
catcher



Push
Sprayer
for
weed killer
and
liquid
fertilizer.



Ride-on Stripping Machine for large field operation.
Fast and easy way to line fields and sports facilities.



Commercial Walk-behind Field Stripping System
for sports fields and parking lot stripping.



Pavement and Field
Marking Stripper:
Works on pavement
and turf
15-liter epoxy coated tank
5 to 13cm spraying width
Hand-pump or
optional CO2
power-pack or
engine power-pack
self-propelled and
ride-on models also
available



Bed Shaper: create clean sharp edges around flower beds; fast - 30 meters per minute; 11 to 13-hp engines; hydrostatic transmission; spring loaded belt clutch; almost zero turning radius capable.



Mini Tiller / Cultivator: 2 cycle engine, 4 cycle engine or electric; tines spin 240 rpm - twice faster than competition; variety of attachments - edger, furrower, plow, aerator, dethatcher, etc.



Wide base 16" (40cm) working width Mini-Tiller for vegetable growing on small / medium garden.

Edgers - Mini Tillers



Commercial Lawn Edger:
cleans edges of lawn for professional finished look
fast - cuts 27 meters a minute

3.5 or 4-hp engines
8" steel wheels



Walk-behind Lawn Edger:
cleans edges of lawn for clean, finished look
2½ to -hp engine
7 or 8" wheels



Hedge Trimmer: gas or electric; double sided or single sided blade; 50 to 76cm long blades; double activated switches for safety.

Spreaders - Walk-behind



EarthWay
EV-N-SPRED



Small precision Drop Spreader: 91cm width;
33cm pneumatic tires;
precision cam gauge metering.



Small precision Drop Spreader: 61cm width;
5cm width semi-pneumatic tires;
precision cam gauge metering.



Push-type Topdresser for fast/easy spreading
of soil, sand and artificial surface pellets.
Adjustable spreading system and low-cost.



- Professional Broadcast Spreader:
- 55-kg poly hopper
- Stainless steel frame
- Large tires
- Enclosed metal gears



Commercial Broadcast Spreader:
50-kg or 20-kg stainless steel hopper



Commercial Broadcast Spreader:
45-kg or 25-kg poly hopper; pneumatic tires.



Shoulder-carried Spreader:
11-kg capacity canvas bag



Hand-held Spreader:
poly container



Tow-behind
Broadcast
Spreader:

80 or 55-kg
capacity
hopper

Stainless
steel frame

Enclosed
metal gear.



12-volt broad-
cast spreader:

Easily mounts
on utility carts
and ATVs

45-kg capacity
hopper

Remotely
operated
shut-off system



Heavy-duty Drop
Spreaders:

1.2 to 2.4-meter
spreading width

Tow-type or
tractor-mounted

Ground, electric
or hydraulic-drive



Heavy duty
Fertilizer &
Lime Spreader:

PTO drive

2, 4, 5 or 8-ton
capacity

Built like a tank



Sprayer Kit for
most broadcast
spreaders:

34-liter tank

150cm folding
boom

12-volt pump

rechargeable
battery &
spray gun

Spreaders - Tow-behind

EarthWay
EV-N-SPRED

SPYKER
SINCE 1964

GANDY

LELY



Lely WFR precision Broadcast Spreader: tow-type;
ground-drive; large wheels, 350-kg capacity hopper



Large Drop Spreader: tow or tractor-mounted;
1.8, 2.4, 3.1 or 3.7-meter spreading width



Lely L2010 preci-
sion Broadcast
Spreader:
PTO drive
Cat. 2 3-pt hitch
1000-kg capacity
16 meter spread-
ing width



Lely L1500 preci-
sion Broadcast
Spreader:
PTO drive
Cat. 2 3-pt hitch
775-kg capacity
16 meter spread-
ing width

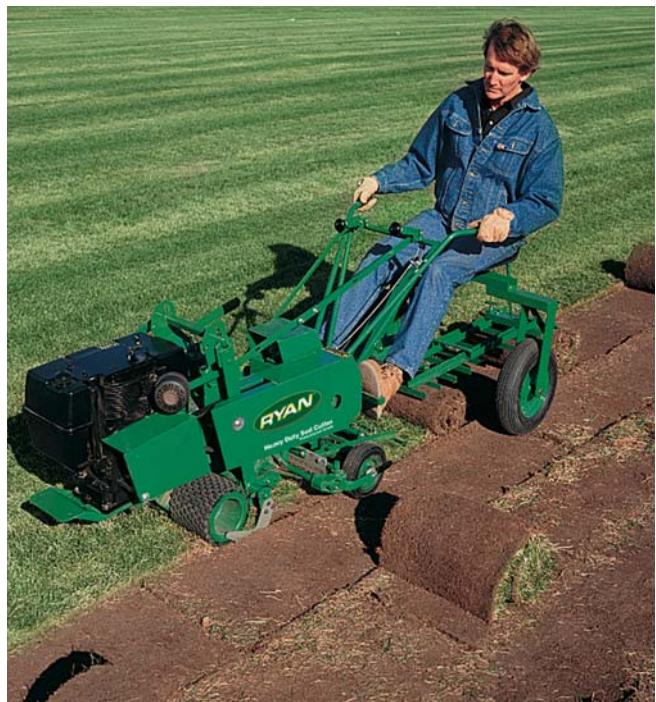
Sod Cutters - Walk-behind



CLASSEN



Heavy Duty Sod Cutter: commercial sod/ turf harvester for mid-size operation complete with automatic length cut off system and optional ride-on mini roll making system.



Ryan Heavy Duty Sod Cutter



Jr Sod Cutter: World's most popular sod/turf cutting system for harvesting and lawn maintenance operations. Also easy maneuverability for lawn side dressing on golf courses and parks.



Ryan Jr Sod Cutter



Sod Cutter: low-cost sod / turf cutter for small operations harvesting their own sod / turf for sale or for their own use. Long frame design for even sod cutting. Selection of different cutting widths.



Clasen Sod Cutter



Wide Area Rotary Mower: tow-type; PTO-drive; hydraulic folding wings & transport tires; cutting width 3.7, 4.6 or 5.2-meter; 3 floating decks.



Sprig Planter: 2 to 6 row planters; 2 to 6 row no-till planters; or 1.2, 1.8, 2.4, 3.1-meter broadcast planters; ground-drive; coulter discs & rollers.



Sprig Harvester:

71cm
harvesting
width.

Rear load or
side load



Quick Hitch
Harvester:

Tow-type

PTO-hydraulic
pump

Cuts 40, 46,
50cm width



Large
Vacuum
System:

For grass
clipping
clean up

Sod Farm Equipment



Sod Harvester: cuts 40, 46 or 60cm width; complete w/John Deere tractor; slabs or rolls; floating cutter head; hydraulic depth control; optional auto-steer.



AGRI-vator: aerates / loosens soil before seeding; renovates root system to permit new seeding with less seeds; 15cm deep vibrating tines.



Turf Grass Seeder: tow-type; ground-drive; 1.8 to 3.66 seeding width; seeds are broadcast consistently at $\frac{1}{2}$ " depth for highest germination & seed savings.



Drill & Fill Aerator: drills holes up to 30cm & fills same holes with sand; ideal for drilling through hard pan solving most drainage problems.



Ryan Renovaire Aerator: tow-type; designed to follow ground contour - each wheel pair is independently mounted; ideal for undulating turf areas.



Low-cost Rolling Aerator to mount on all front-end loader buckets. Easy and extremely fast.



AERA-vator: vibrating aeration system shatters ground with vibrating tines. Especially designed for dry and very hard soil. No need to wet the ground before aeration.



AERA-vator can be converted to overseeding by adding Seeding Attachment. Ideal for overseeding sports fields and golf course fairways.



AERA-vator equipped with Multi-Tine System for artificial surface maintenance. Short tines aerate and fluff up plastic grass and even out rubber granular in artificial turf.



AERA-vator: Slicing Knives option easily installs instead of vibrating tines and makes no disturbing slices into short cut lawns and Bermuda grass.



AGRI-vator: vibrating aeration system with deep tine penetration for horse racetrack renewal and soil renovation.



Economy Aerator: tow-type or 3-pt hitch-mounted
107 to 183cm width;
weight tray for optional added weights



Clamp-on
Spike Aerator
attachment
for steel lawn
roller:

Quickly
clamps on
46cm dia-
meter x 61cm
width roller.



Core Breaker: breaks-up aeration cores; 1.8 or
2.4-meter working width; rotating rubber fingers
break-up cores against stationary blades;
steel drag mat spreads residue soil evenly.

Aerators



CLASSEN



Self-propelled
Aerator:
43 to 66cm aer-
ating width
3.5-hp B&S or 4-
hp Honda
engine
Split-drive avail-
able for more
maneuverability



Lawnaire 28
Aerator:
Vertical coring
action leaves
clean professional
results.
Unique front cast-
er design provides
zero turning
capability.



Vertical Aerator:
Tines move
vertically to lessen
aeration marks.
Crankshaft drives
1 tine into soil at a
time, so no extra
weight is needed.
Much easier to
handle.



Low-cost Tow Aerator
for operation with ride on mowers.

Topdressers



Affordable Topdresser with professional results.
tow-type; hydraulic-drive; 4 tires; spreading width
0.9 to 1.8-meter; 0.8 cubic-meter hopper.



Self-propelled Topdresser: 10.5-hp B&S; hydrostatic-
drive; 0.3 cubic-meter hopper; 76cm width brush.



TruFlow tow-type Topdresser: low-cost topdresser for
dry flowable sand. 90 or 135-cm spreading width.



Self-propelled Topdresser: 5.5-hp Honda; 0.33 cubic-
meter poly hopper; highly maneuverable; can spread
top soil, compost, organic fertilizers, lime, sand.



Precision Topdresser: tow-type; 9-hp Honda; adjustable
spread pattern, depth & speed; dual 18" spinners; spin-
ners tilt up/down 15° for light or heavy topdressing; 0.82
cubic-meter hopper; spreading width - up to 9.1-meter.



Tow Type Topdresser



Multi-purpose Material Handler for sand trap service



Heavy-duty Steel Drag Mats:

1.2 to 2.4-meter width

Ideal for leveling surface or breaking aeration cores on fairways.

Rolls up for transport

Flexible drag mats:

0.4 to 3-meter width

Ideal for incorporating topdressing material into lawns, fairways & greens.

Rolls up for transport

Lawn Rollers - Drag Mats



AgriMetal

Salsco



Greens Roller
for
Improved play
and
reduced mowing requirements.



Turf Brush: tow-type; manual, electric or hydraulic-lift; incorporates topdressing material; standard or soft bristles.



Power Brush Top Dressing Incorporation System for greens and artificial turf.



Gang Lawn Roller: tow-type; 1.8 or 3.6-meter width; steel rollers; water-fillable; foldable.



Greens Roller Attachment:
Attaches to all major triplex mower.



Steel Lawn Roller:

Push or tow-type

46 or 61cm diameter

61, 91 or 122cm width

Water fill-able

Spring loaded scraper



Clamp-on Spike Aerator Attachment for steel lawn roller:

Quickly clamps on 46cm diameter x 61cm width roller.

Verticutters - Dethatchers



CLASSEN



Ryan Mataway
Dethatcher:

49cm slicing width

Slicing blades for
verticutting or
flail blades for
dethatching.

Working depth 0 to
38mm



Power Rake:

To improve
quality of turf.

Selection of
blades for
different
applications.



Self-propelled
Dethatcher:

Hydrostatic-drive

51cm slicing width

5.5-hp B&S or Honda

Flail blades, seeding
blades or thin slicing
blades



Push-type
Dethatcher

Shown with
optional
catcher
assembly



Ryan Mataway Verticutter



Ryan Ren-O-Thin Verticutter



Clasen Self-propelled Turf Rake



Clasen Turf Rake with Catcher



Verticutter: PTO-drive; 1.5-meter width; 30.5cm diameter blades; 5cm spacing; adjustable depth guides.



Gang Verticutter: PTO belt-drive; 2 to 3.3-meter width; cutting depth 0 to 2.5cm; 25cm diameter blades; hydraulic-folding wings, transport tires.



Large Area Dethatching Harrow with vibrating tines.
Fast and easy system for frequent application to remove dead grass.



Dethatcher:
PTO-drive w/slip clutch protection
1.22-meter width
20cm diameter sawtooth blades - 5cm blade spacing
Overseeder attachment available

Trenchers - Diggers



Small Trencher for pipe installation and making drainage channels.



2-man Auger for installing fences and tree transplanting.



1-man Auger for general landscaping application requiring making large number of holes.

Vacuums - Leaf & Debris

AgriMetal

**LITTLE WONDER®
TRAC VAC**



Large Vacuum & Collection System
for fall clean up and large volume removal
of leaves and general landscaping debris.



Mid-size Vacuum Collector
for fall clean up on golf courses and parks.



Low-cost Vacuum Collector for leaf collection
in small parks and large private residences.



Trailer-mounted Vacuum System for removal of large amount of leaves and debris in municipalities.



Truck-mounted Vacuum for speedy removal of landscaping debris and leaves.



Self-contained Vacuum Collector for large volume grass clipping collection and fall clean up with garden tractors.



Pedestrian Vacuum Collector for easy removal of leaves & debris in parks, along roads, sports facilities & recreational areas.



Trailer-mounted Turbine Blower
for daily and fall clean up.



Self-propelled Blower for large volume blowing
on golf courses and large parks.



Low-cost Tractor-rear mounted Blower
for fall clean up of leaves and debris.



Front-mount Blower Attachment transforms
out-front deck commercial mowers into
efficient blowing system for fall clean up.

Blowers - Leaf & Debris

AgriMetal

**LITTLE WONDER®
TRAC VAC**



Walk-behind low-cost leaf and debris Blowers for
small areas and private residences.



Self-propelled
walk-behind
Blower:

Designed
for commercial,
fall, and
daily clean up
in hilly conditions.



3-pt hitch Tractor-mounted Collection System to collect
grass clippings from mid mount tractor mounted mower.



Walk-behind
Power Broom:

To clean up
walk ways
and
construction
sites.

Chippers



PowerTek
~~WOODS~~



Selection of several sizes of Wood Chipper for commercial applications. Handles trees up to 18" (45cm) diameter powered by 225-hp diesel engine.



Medium-duty Wood Chippers for municipal applications. Handles trees and branches from sizes 6"(15cm) up to 10"(24cm).



Low-cost general-purpose Wood Chipper for golf course and park maintenance. Handles trees/branches from sizes of 6"(15cm) to 7"(18cm).



Tractor 3-pt hitch-mounted Wood Chipper for general-purpose application. Handles trees/branches up to 9"(22cm). Regular models for 20-30hp and heavy duty models for 50-60hp tractors.



Low-cost residential type Wood Chipper for small branches of size up to 3.5"(9cm) with 8 or 16 hp engine.



Multi-purpose "clean up" chipper/shredder/vacuum machine with bagging attachment. Handles pieces of 4"(10cm) in sizes. Engine driven and tow-type.



Stump Grinders for small or large operation eliminate stumps rapidly and safely. Choice of 12 to 20-hp engine.

Miscellaneous Equipment



Dump Trailer



Power Broom



Backhoe Attachment



Grader Blade



Tree Spade



Turf Boom Sprayer



Skid Mount Spot Sprayer



Ride-On Sweeper



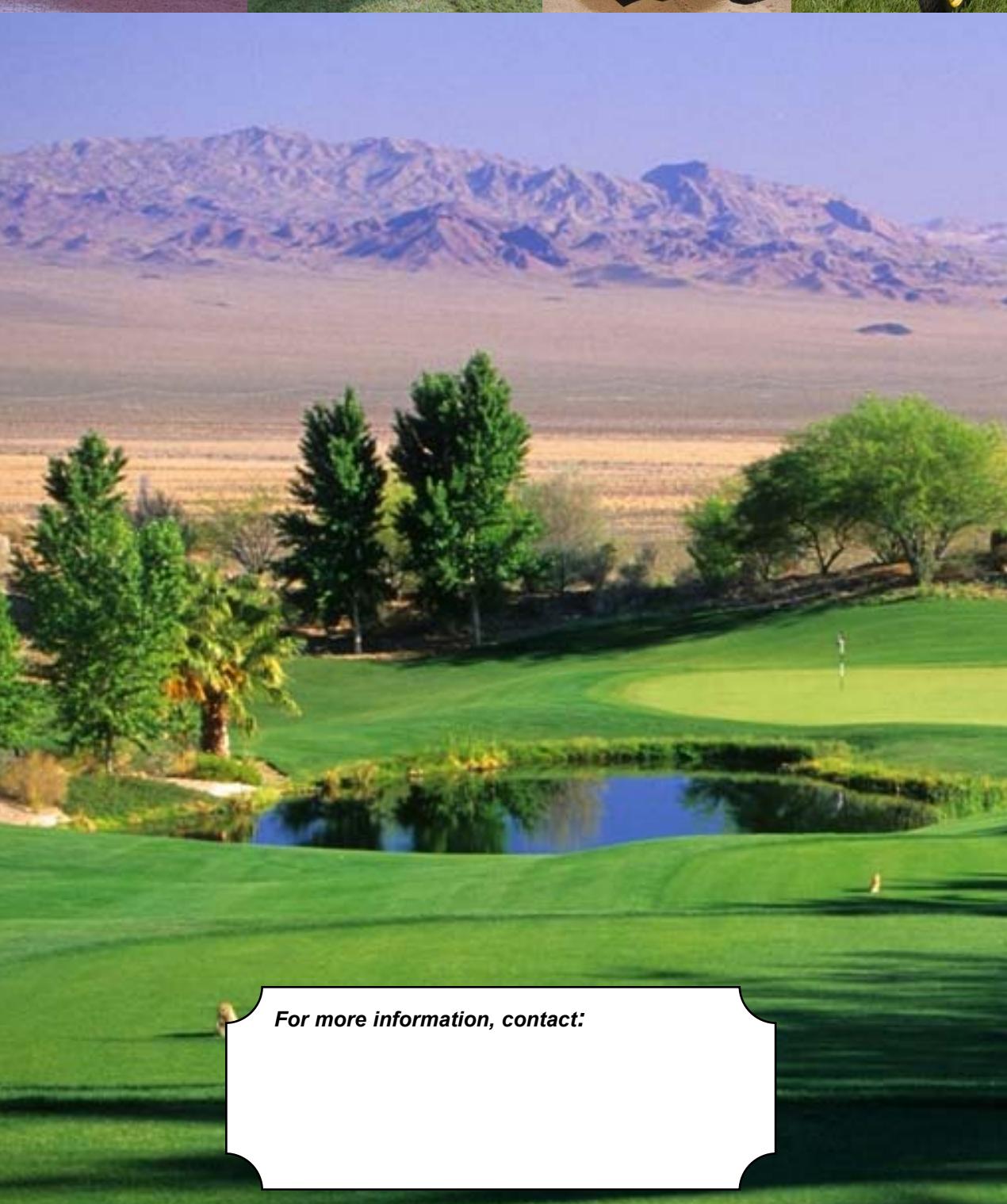
Water Removal Roller



Water Removal Roller - PTO



Thoroughbred Track Conditioner



For more information, contact:

