

PRO-TURN 148

Gravely zero-turn ride-on mower
Summary only — full manual supplied

MACHINE

Gravely Pro-Turn 148
48-inch deck · petrol

OPERATOR

18 years and over
Manual and decals read first

ROLL BAR & BELT

Up and belted
Every operator, every time

MAX SLOPE

15°

Timech Hire's condensed summary of the Gravely Operator's Manual safety section — not a substitute for it. Read the full manufacturer's section supplied with the machine, and the decals on the machine, before you start.

WHO MAY OPERATE IT

Age. Eighteen and over. Never let a child operate this machine, whatever their experience on other mowers.

No passengers. One seat, one person. Never carry anyone, least of all a child — someone given a ride once will come back for another.

Protective gear. Eye and hearing protection every time. Closed footwear with grip — never sandals, thongs or bare feet. No loose clothing; tie back long hair.

Anyone else who drives it. If another person uses the machine during your hire, they read this and the manual first.

Fit to operate. Not while tired, unwell, or affected by alcohol, medication or other drugs.

Conditions. Daylight or good artificial light only. Stop and shelter if there's lightning about. Wet grass costs you grip long before it looks slippery.

BEFORE YOU START

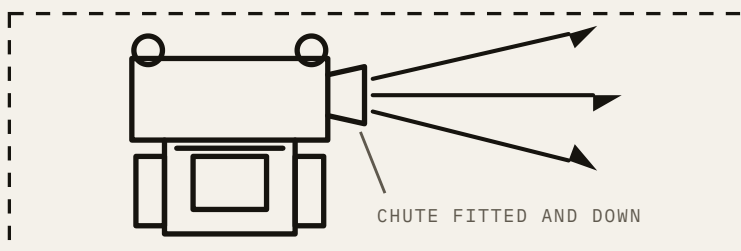
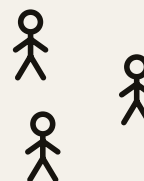
- Walk the whole area first and pick up anything a blade can throw — wire, stones, sticks, bottles, hose fittings, toys. Note the drop-offs, ditches, dam banks, tree roots, sprinklers and soft ground while you're down there.
- Look up as well as down. Branches, verandahs, carports and powerlines all need clearance with the roll bar upright.
- Check the machine is whole: guards and shields fitted, discharge chute in the operating position, decals legible, no grass or debris packed around the engine and muffler, and a parking brake that holds.
- Test the interlocks from the seat. The engine should start only with the blades off, the steering levers out in neutral and the parking brake set, and it should shut down if you get up while the blades are engaged. Never bypass them.

DO NOT START IT

If a guard, interlock, decal or the roll bar is missing or damaged — email contact@timech.com.au and we'll come to you.

KEEPING PEOPLE CLEAR

KEEP EVERYONE OUT OF THE MOWING AREA WHILE THE BLADES ARE TURNING

THROWN OBJECTS LEAVE THE
DISCHARGE SIDE AT SPEED

NEVER POINT THE DISCHARGE AT PEOPLE, PETS, CARS OR WINDOWS · STOP THE BLADES ON GRAVEL

Thrown objects are the real risk to bystanders. Anything the blades pick up leaves the chute fast enough to injure. Never run the mower without the chute in the operating position.

Gravel and driveways. Disengage the blades before you cross gravel, and cross slowly.

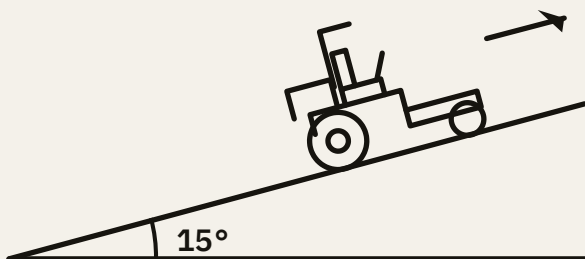
Children are drawn to a running mower. Never assume they're where you last saw them. If a child comes into the area, stop the machine — don't work around them.

Reversing. Avoid mowing in reverse. When you do back up, look down and behind first, and keep looking while you move.

SLOPES AND ROLLOVER

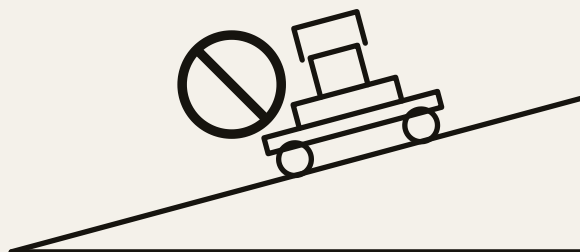
15° maximum, straight up and down (a zero-turn goes over sideways more easily than it looks)

STRAIGHT UP AND DOWN THE FACE
IF YOU CAN'T BACK UP IT, DON'T MOW IT



MAXIMUM — ABOUT 1 M OF RISE IN 3.7 M

NEVER ACROSS THE FACE
NEVER NEAR AN EDGE OR DROP-OFF



ONE WHEEL OVER AN EDGE IS ENOUGH TO ROLL IT

IF YOU LOSE TRACTION

Blades off, straight down the slope
Slowly. Don't try to turn out of it and don't accelerate.

IF YOU LOSE STEERING CONTROL

Levers to neutral, brake on
Then blades off and engine off. Stay in the seat, belted, bar up.

- Everything on a slope is slow and gradual. Sudden changes of speed or direction are what roll these machines.
- Choose a low ground speed before you get on the slope so you never have to change it there. Don't start, stop or turn on the face.
- Stay well back from drop-offs, ditches, embankments and dam banks. Edges cave in, and one wheel over is enough.
- Never put a foot down to steady the machine, and never jump if it starts to go over.
- Don't park on a slope. If you have no choice, set the parking brake and chock the wheels. Never release the transmission bypass on a slope — with it out there's no drive braking at all.

THE ROLL BAR AND SEAT BELT



BAR UP · BELT ON
THE NORMAL STATE



BAR DOWN · BELT OFF
OBSTACLES · TRANSPORT

BAR UP, BELT ON

How the machine is delivered and how it should stay. The belt is what keeps you inside the protected space if it goes over.

BAR DOWN

Only for transport, or to get under something you can't go around — and straight back up after. With it down, drive with extra care and stay off slopes.

BELT OFF WHEN THE BAR IS DOWN

A belt without the bar holds you in the worst possible place.

DAMAGE

Never weld, drill, cut, repair or modify the bar. Check it, its pins and the belt for damage and loose hardware each day, and tell us if anything's wrong.

BLADES, BELTS AND HOT PARTS

The deck stays dangerous after shutdown. Blades keep spinning after the switch is off. Hands and feet away from the deck, the discharge and the belts at all times.

Clearing a blockage. Blades off, engine off, key out, brake on, everything stopped, gloves on. Never with the engine running.

One blade turns the others. Moving a single blade by hand spins the rest. Treat the deck as live until the key is out and everything has stopped.

Hot surfaces. The muffler and engine stay hot long after shutdown. Let it cool before you touch it, cover it or load it.

FUEL AND FIRE

- Unleaded petrol, E10 at most. Higher ethanol blends make the engine run hot and damage it.
- Engine off and cool before the cap comes off. Never refuel a hot or running engine, and never indoors.
- Refuel outdoors, on the ground, from an approved container — take the machine off the trailer first. Keep the nozzle in contact with the tank, don't use a hold-open clip, and don't overfill.
- No smoking, no flames, no sparks. Wipe up spills and let them dry before starting. If fuel goes on your clothes, change them.
- Grass and chaff packed around the muffler and engine is how mowers start fires. Clear it during the day, not just at knock-off.

Bushfire. This machine has a petrol engine and a hot exhaust. Don't use it on or near bush, scrub or unimproved land unless the exhaust is fitted with a working spark arrester. Check for a Total Fire Ban or a Harvest and Vehicle Movement Ban before you start — either can prohibit the use of a mower in your area on the day. See dfes.wa.gov.au and your local shire.

STOP AND SWITCH OFF IMMEDIATELY IF

You hit something solid. Shut down, take the key, and check the blades and deck before you go again. Tell us — a bent blade or spindle isn't always visible.

You smell fuel, or see smoke or leaking fluid. Shut it down, get clear of it, and don't restart it.

A guard, the chute or the roll bar comes loose. The machine is out of service until it's repaired.

It sounds or feels different. New vibration, knocking or rattling means stop now, not at the end of the row.

Someone comes into the area. Blades off and engine off until they've gone. Don't mow around them.

You're not sure. Stopping costs you five minutes. It is always the right call.

STOPPING AND LEAVING THE MACHINE

- 1 BLADES OFF
PTO DISENGAGED
- 2 LEVERS OUT
TO NEUTRAL
- 3 PARK BRAKE
SET
- 4 ENGINE OFF
THROTTLE TO SLOW
- 5 KEY OUT
TAKE IT WITH YOU

THEN WAIT FOR ALL MOVEMENT TO STOP BEFORE YOU LEAVE THE SEAT

Never leave it running unattended, not for a minute. The key goes with you — it's the only thing that makes the machine safe for whoever walks past next. Leaving it on site overnight: level ground, brake on, key out, out of reach of children, and never shut in a shed with a water heater, pilot light or other ignition source while there's fuel in the tank.

IF SOMETHING GOES WRONG

FAULT, DAMAGE OR A NEAR MISS

Stop, then email contact@timech.com.au

Don't attempt a repair, a workaround or a part swap. Maintenance is ours — an improvised fix is how the next person gets hurt.

ROLLOVER, FIRE OR INJURY

People first — 000

Get everyone clear before you think about the machine. Once the scene is safe, leave it where it is and tell us what happened.

ATTACHMENTS Nothing towed, fitted or bolted to this machine unless Timech supplied and fitted it.

FLAT BATTERY Don't jump-start or charge it. Battery gas is explosive and the terminals spark — email us instead.

This summary covers the hazards Timech Hire considers most likely on this machine. It is not a complete statement of every warning in the Gravely Operator's Manual, and reading it doesn't make you a trained operator. If anything about the safe use of this machine is still unclear after reading the manual and the decals, don't start it — ask us first.

SAFETY

Read these safety rules and follow them closely. Failure to follow these rules could lead to loss of control of unit, severe personal injury or death to you or bystanders, or result in damage to property or the unit.

PRACTICES & LAWS

Practice usual and customary safe working precautions. Learn applicable rules and laws in your area. ALWAYS follow the practices set forth in this manual.

EMISSION CONTROL SYSTEM

This equipment and/or its engine may include exhaust and evaporative emissions control system components required to meet U.S. Environmental Protection Agency (EPA) and/or California Air Resources Board (CARB) regulations. Tampering with emission controls and components by unauthorized personnel may result in severe fines or penalties. Emission controls and components can only be adjusted by a Gravely dealer or an authorized engine manufacturer's service center. Contact your Gravely Equipment Retailer concerning emission controls and component questions.

REQUIRED OPERATOR TRAINING



Read and understand the Operator's Manual and decals on the unit. This information is for your safety and the proper use of your equipment. Failure to follow these

instructions and warnings may cause death or serious injury. If you have purchased this product from a Gravely dealer, the dealer can provide you with training.

Familiarize yourself and any other operators with all controls and the safe use of the features of this unit. If you loan, rent or sell this product to others, provide them with all manuals.

If you have any questions, please call our customer support line at 920-756-4688 or contact us at www.gravely.com. Do not use this equipment if, after reading the Operator's Manual and the on-board decals, you have any questions about the safe use of this product.



WARNING: AVOID INJURY. This cutting machine is capable of amputating body parts and throwing objects. Failure to observe the safety instructions in the manuals and on decals could result in serious injury or death.

ALWAYS disengage blades, stop unit and engine, remove key, set parking brake and allow moving parts to stop before leaving operator's position.

SAFETY ALERT SYMBOL



This is the safety alert symbol. It means:

- **ATTENTION!**
- **YOUR SAFETY IS INVOLVED!**

When you see this symbol:

- **BECOME ALERT!**
- **OBEY THE MESSAGE!**

SIGNAL WORDS

The safety alert symbol above and signal words below are used on decals and in this manual. Read and understand all safety messages.

1. Danger



DANGER: Indicates an **IMMINENTLY HAZARDOUS SITUATION!** If not avoided, **WILL RESULT** in death or serious injury.

2. Warning



WARNING: Indicates a **POTENTIALLY HAZARDOUS SITUATION!** If not avoided, **COULD RESULT** in death or serious injury.

3. Caution



CAUTION: Indicates a **POTENTIALLY HAZARDOUS SITUATION!** If not avoided, **MAY RESULT** in minor or moderate injury. It may also be used to alert against unsafe practices.

4. Notice

NOTICE: Indicates information or procedures that are considered important but not hazard related. If not followed, property damage could result.

5. Important

IMPORTANT: Indicates general reference information worthy of special attention.

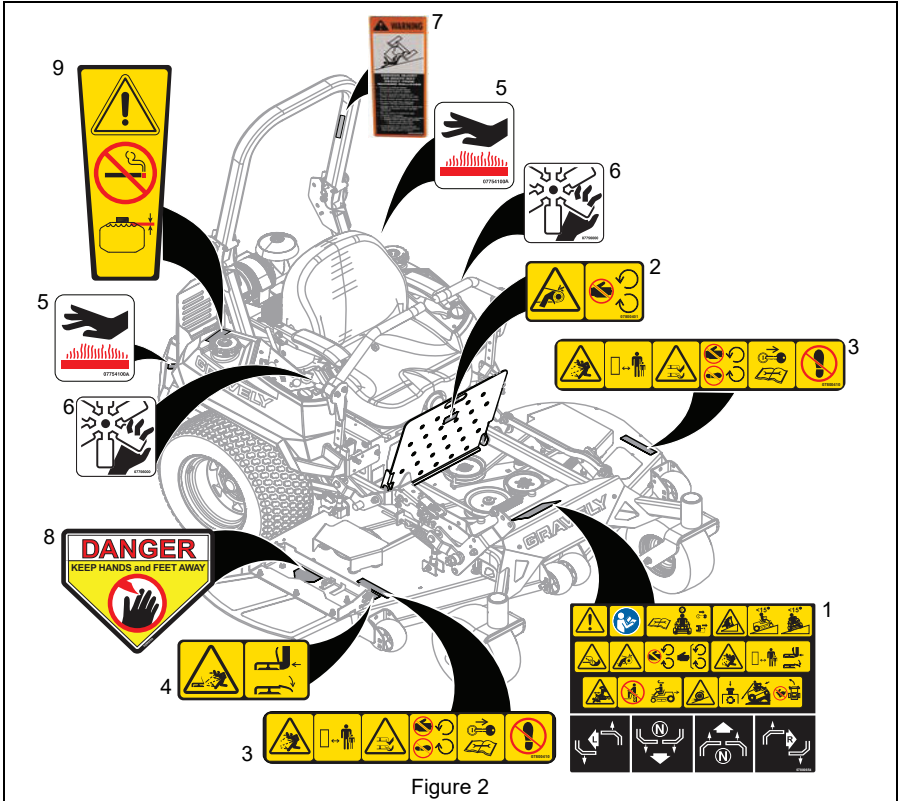
SAFETY DECALS

The safety decals on your unit are visual reminders of the important safety information in this manual. All messages on your unit must be fully understood and carefully followed. Safety decals on the unit are explained below.

ALWAYS replace missing or damaged safety decals. Replacement decal information is in the parts manual for your unit. Decals can be ordered from your dealer.

See Figure 2 for safety decal locations.

Safety Decal Locations



Safety Decal Descriptions

1. DANGER!



DANGER!



Read Operator's Manual.

1. AMPUTATION HAZARD



To avoid amputation hazard, DO NOT put hands near rotating blades.



To avoid amputation hazard, DO NOT put hands near moving belts.



Keep hands away from all rotating or moving parts.



Keep all guards and shields in place.

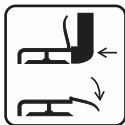
1. DISCHARGE HAZARD



NEVER direct discharge toward people, pets or property. Thrown objects can cause injury or damage.



Keep children and others away from unit while unit is in operation.



DO NOT operate mower unless all guards are in operating position or bagger is attached.

1. TIPPING HAZARD



Avoid tipping hazard.



DO NOT operate on slopes over 15°.



DO NOT operate on slopes over 15°.

1. SERVICE HAZARD



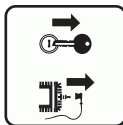
Before servicing unit, do the following:



Read Operator's Manual before servicing or making adjustments to unit.



Set parking brake.



Remove key and disconnect spark plug before servicing or making adjustments to unit.

1. BYSTANDER HAZARD



DO NOT operate the unit in the presence of bystanders.



DO NOT carry passengers.

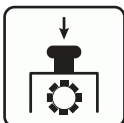


Look behind when operating the unit in reverse.

1. LOSS OF TRACTION HAZARD



If loss of traction is experienced do the following:



Disengage PTO.



Look before backing.
Proceed off slope slowly.



DO NOT try to turn or speed up.

2. DANGER!



Discharge Hazard – NEVER operate unit without discharge chute in operating position. Thrown objects can cause injury or damage.



DO NOT operate mower unless all guards are in operating position or bagger is attached.

3. DANGER!



Discharge Hazard – NEVER direct discharge toward people, pets or property. Thrown objects can cause injury or damage.



Amputation Hazard – NEVER stick hands or feet under deck or shielded areas.



Stop engine, remove key, and read manual before servicing or making adjustments to unit.



Keep children and others away from unit while unit is in operation.



Keep hands and away from all rotating or moving parts.

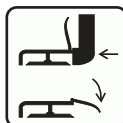


DO NOT step or stand in this area.

4. DANGER!



Discharge Hazard – NEVER operate unit without discharge chute in operating position. Thrown objects can cause injury or damage.



DO NOT operate mower unless all guards are in operating position or bagger is attached.

5. HOT SURFACES!



DO NOT touch parts which are hot from operation. ALWAYS allow parts to cool.

6. ROTATING PARTS!



AVOID INJURY. Stay clear of rotating parts.

7. WARNING!



SERIOUS INJURY OR DEATH may result from machine rollover.

- Failure to follow these instructions could result in serious injury or death.
- **DO NOT** operate machine on steep slopes or near drop offs.
- Avoid sharp and/or quick turns.
- **DO NOT** exceed the machine weight rating of the ROPS.
- **ALWAYS** use the seat belt when the ROPS is locked in the upright position.
- **DO NOT** jump if machine tips.
- If ROPS is foldable:
 - **ALWAYS** keep the ROPS fully extended.
 - **WHEN ROPS MUST BE DOWN:**
 - **DO NOT** use seat belt.
 - Drive with extra care.
- If equipped with seat platform:
 - **DO NOT** operate machine without seat platform pins in place or locks engaged.

ROLLOVER PROTECTIVE STRUCTURE

To maintain operator protection and roll bar certification:

- Replace a damaged roll bar, **DO NOT** attempt to repair or modify.
- Any alteration of the roll bar must be approved by the manufacturer.
- **DO NOT** exceed the machine weight rating of the roll bar.

8. DANGER!



Keep hands and feet away from all rotating or moving parts.

9. WARNING!



Overfilling may cause severe damage to evaporative system.

NEVER fill fuel tank when engine is running, hot, or unit is indoors.

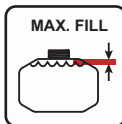
Replace fuel cap securely and clean up spilled fuel.



Read Operator's Manual.



No smoking.



Fill fuel tank to bottom of filler neck – **MAXIMUM**.

SAFETY RULES

The following safety instructions are based on the B71.4 specifications of the American National Standards Institute and ISO 5395 in effect at the time of production.

Training

Read, understand and follow all instructions on the machine and in the manual(s) before operating this unit.

Keep the area of operation clear of all persons, particularly small children. Be alert and shut off unit if children enter area.

ALWAYS remove key and/or wire from spark plug before assembly, maintenance or service. Unintentional engine start up can cause death or serious injury.

Complete a walk-around inspection of the unit to understand the unit, your work area and all safety decals.

Understand: • How to operate all controls • The functions of all controls • How to STOP in an emergency • Braking and steering characteristics • Turning radius and clearances If the operator or the mechanic cannot read the manual, it is the owner's responsibility to explain it to them. Only allow responsible adults, who are familiar with the instructions, to operate this machine. ALWAYS train any inexperienced operators and require them to read and understand all manuals and decals. Only the user can prevent and is responsible for accidents or injuries occurring to themselves, other people or property.	Use extreme care when approaching blind corners, shrubs, trees, or other objects that may block your view of a child. Keep children out of the mowing area and in the watchful care of a responsible adult other than the operator.
Operator Age DO NOT allow children under the age of 18 to operate outdoor power equipment. Local regulations may restrict the age of the operator. Data indicates operators above age 60 are involved in a large percentage of riding mower-related injuries. These operators should evaluate their ability to operate the riding mower safely enough to protect themselves and others from serious injury.	Personal Protection DO NOT wear loose clothing or jewelry and tie back hair that may get caught in rotating parts. Wear adequate outer garments. NEVER wear open sandals or canvas shoes during operation. Wear adequate safety gear, protective gloves and footwear. Wear proper footwear to improve footing on slippery surfaces. ALWAYS wear eye and ear protection when operating machine.
Children Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine and the mowing activity. NEVER assume that children will remain where you last saw them. Be alert and turn machine off if a child enters the area. Before and while backing, look behind and down for small children. NEVER carry children, even with the blade(s) shut off. They may fall off and be seriously injured or interfere with safe machine operation. Children who have been given rides in the past may suddenly appear in the mowing area for another ride and be run over or backed over by the machine. NEVER allow children to operate the machine.	Before Operation Keep all nuts and bolts tight to be sure the equipment is in safe working condition. Maintain the machine to be in compliance with the maintenance schedule. Clean grass and debris from unit, especially from around muffler and engine, to help prevent fires. Check parking brake operation frequently. Adjust and service as required. Inspect unit before each use for missing or damaged decals and shields, correctly operating safety interlock system, and deterioration of grass catchers. Replace or repair as needed. Ensure Safety Interlock System is functioning properly. DO NOT operate unit if safety interlock is damaged or disabled. Start and operate unit only when seated in operator's position. Steering control levers must be in neutral, PTO disengaged and parking brake set when starting engine. NEVER tamper with safety devices. Check their proper operation regularly. Keep machine free of grass, leaves, or other debris build-up. Clean up oil or fuel spillage and remove any fuel-soaked debris. Operation Be sure the area is clear of bystanders before operating. Stop machine if anyone enters the area.

NEVER operate machine in a closed or poorly ventilated area.	Stop engine before removing grass catcher or unclogging chute.
ALWAYS maintain unit in safe operating condition. Damaged or worn out muffler can cause fire or explosion.	Slow down before turning.
This product is equipped with an internal combustion type engine. DO NOT use unit on or near any unimproved, forest-covered or brush covered land unless exhaust system is equipped with a spark arrester meeting applicable local, state or federal laws. A spark arrester, if it is used, must be maintained in effective working order by operator.	If you strike a foreign object, stop and inspect the machine. Repair, if necessary, before restarting.
DO NOT operate machine while feeling tired, ill or under the influence of alcohol or other drugs.	NEVER leave a running machine unattended. ALWAYS turn off blade(s), set parking brake, stop engine and remove key before dismounting.
DO NOT put hands or feet near rotating parts or under the machine. Keep clear of the discharge opening at all times.	Disengage blade(s) when not mowing. Shut off engine and wait for all parts to come to a complete stop before cleaning the machine, removing the grass catcher, or unclogging the discharge guard.
DO NOT touch parts which are hot. Allow parts to cool.	Operation Conditions
DO NOT operate machine without the entire grass catcher, discharge guard, or other safety devices in place and working.	Lightning can cause severe injury or death. If lightning is seen or thunder is heard in the area, do not operate the machine; seek shelter.
ALWAYS keep hands and feet away from all pinch points.	ALWAYS check overhead and side clearances carefully before operation.
Avoid slippery surfaces. ALWAYS be sure of your footing.	Watch for traffic when operating near or crossing roadways.
NEVER carry passengers.	Clear the area of objects such as rocks, wire, toys, etc., which could be thrown by the blades.
NEVER direct discharged material toward anyone. Avoid discharging material against a wall or obstruction. Material may ricochet back toward the operator. Stop the blade(s) when crossing gravel surfaces.	Check for weak spots on docks, ramps or floors. Avoid uneven work areas and rough terrain. Stay alert for hidden hazards or traffic.
NEVER engage PTO when attachment, including mower blades, is not in use. ALWAYS turn off power to attachment when not in active use such as traveling or crossing driveways.	Use care when approaching blind corners, shrubs, trees or other objects that may obscure vision.
ALWAYS disengage PTO, stop unit and engine, remove key, engage parking brake and allow moving parts to stop before leaving operator's position.	Dust, smoke, fog, etc. can reduce vision and cause an accident.
NEVER engage PTO while raising the attachment, including mower blades, or when attachment is in the raised position.	Operate machine only in daylight or good artificial light.
Keep safety devices or guards in place and functioning properly. NEVER modify or remove safety devices.	Slope Operation
DO NOT mow in reverse unless absolutely necessary. ALWAYS look down and behind before and while backing.	Slopes are a major factor related to loss of control and tip-over accidents, which can result in severe injury or death. Operation on all slopes requires extra caution. If you cannot back up the slope or if you feel uneasy on it, DO NOT mow it.
	DO NOT operate on slopes of more than 15°.
	Mow up and down slopes, not across.

Watch for holes, ruts, bumps, rocks, or other hidden objects. Uneven terrain could overturn the machine. Tall grass can hide obstacles.	NEVER store the machine or fuel container where there is an open flame, spark, or pilot light such as on a water or space heater or other appliances.
DO NOT mow on moist or wet grass. Tires may lose traction causing a loss of control.	NEVER fill containers inside a vehicle or on a truck or trailer bed with a plastic liner. ALWAYS place containers on the ground away from your vehicle before filling.
Use extra care while operating machine with grass catchers or other attachments; they can affect the stability of the machine. DO NOT use on steep slopes.	NEVER fuel the machine indoors.
Keep all movements on the slope <i>slow</i> and <i>gradual</i> . DO NOT make sudden changes in speed or direction, which could cause the machine to roll over.	NEVER remove gas cap or add fuel with the engine running. Allow engine to cool before fueling.
Avoid starting, stopping, or turning on a slope. If the tires lose traction, disengage the blade(s) and proceed slowly straight down the slope.	Fuel is highly flammable and its vapors are explosive. Handle with care. Use only an approved gasoline container with an appropriately sized dispensing spout. NO smoking, NO sparks, NO flames.
Operation on slopes may lead to loss of steering control. When operating on slopes be prepared to react to an emergency situation: - Return steering levers to neutral position. - Immediately set parking brake. - Turn off PTO and engine.	Remove gas-powered equipment from the trailer and refuel it on the ground. If this is not possible, then refuel such equipment with a portable container, rather than from a gasoline dispenser nozzle.
DO NOT try to stabilize the machine by putting your foot on the ground.	Keep the nozzle in contact with the rim of the fuel tank or container opening at all times until the fueling is complete. DO NOT use a nozzle lock-open device.
DO NOT park on slopes unless necessary. When parking on slope, ALWAYS chock or block wheels. ALWAYS set parking brake.	NEVER overfill fuel tank. Replace gas cap and tighten securely.
Choose a low ground speed so you will not have to stop or shift while on a slope.	If fuel is spilled on clothing, change clothing immediately.
DO NOT operate near drop-offs, ditches, or embankments. Unit can suddenly turn over if a wheel is over the edge of a cliff or ditch, or if an edge caves in.	Towing/Transporting
DO NOT bypass transmission or allow transmission to free-wheel when on a slope.	Follow the manufacturer's recommendations for weight limits for towed equipment and towing on slopes.
Fuel	NEVER allow children or others in or on towed equipment.
To avoid personal injury or property damage, use extreme care in handling gasoline. Gasoline is extremely flammable and the vapors are explosive.	Tow only with a machine that has a hitch designed for towing. DO NOT attach towed equipment except at the hitch point.
Ethanol blends must not exceed E10. Higher ethanol content may cause your machine to run hotter and damage your engine.	On slopes, the weight of the towed equipment may cause loss of control.
Replace fuel cap securely and clean up spilled fuel before starting engine.	Travel slowly and allow extra distance to stop.
Extinguish all cigarettes, cigars, pipes, and other sources of ignition.	Accessories
Use only an approved gasoline container.	Use only Ariens Co-recommended attachments or accessories that are designed for your unit and that are appropriate to your use and can be used safely in your application.
	Follow the manufacturer's recommendation for wheel weights or counterweights

Check grass catcher components and the discharge guard frequently and replace with the manufacturer's recommended parts, when necessary.

Batteries

Avoid Electric Shock. Objects contacting both battery terminals at the same time may result in injury and unit damage. DO NOT reverse battery connections.

Reverse connections may result in sparks which can cause serious injury. ALWAYS connect positive (+) lead of charger to positive (+) terminal, and negative (-) lead to negative (-) terminal.

ALWAYS disconnect negative (-) cable FIRST and positive (+) cable SECOND. ALWAYS connect positive (+) cable FIRST, and negative (-) cable SECOND.

Explosive Gases from battery can cause death or serious injury. Poisonous battery fluid contains sulfuric acid and its contact with skin, eyes or clothing can cause severe chemical burns.

No flames, No sparks, No smoking near battery.

ALWAYS wear safety glasses and protective gear near battery. Use insulated tools.

ALWAYS keep batteries out of reach of children.

Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Wash hands after handling.

Rollover Protection System (ROPS)

Frequently inspect ROPS and seat belt for damage or loose hardware.

Use extreme care when working close to fences, ditches, or on hills.

Check overhead clearance carefully before driving under any objects.

ALWAYS wear seat belt while operating the unit with the ROPS in the upright position.

Only lower ROPS for transport.

DO NOT wear a seat belt while operating the unit with the center bar in the lowered position.

DO NOT weld, cut, drill or modify ROPS in any manner unless instructed by the manufacturer.

Service

The use of non-genuine replacement parts or accessories could adversely affect machine operation and safety.

Do not change engine governor setting or overspeed the engine.

Maintain or replace safety and instruction labels, as necessary.

Keep unit free of debris. Clean up oil or fuel spills.

Do not change engine governor setting or overspeed the engine.

ALWAYS block wheels and know all jack stands are strong and secure and will hold weight of unit during maintenance.

Release any pneumatic or hydraulic pressure from components slowly.

NEVER attempt to make any adjustments to unit while engine is running (except where specifically recommended). Stop engine, remove key or spark plug wire and wait for all moving parts to stop before servicing or cleaning.

Lower cutting deck unless a positive mechanical lock is used.

Allow engine to cool before servicing.

Moving parts can cut or amputate fingers or a hand. On multiblade mowers, rotation of one blade will cause all blades to rotate.

NEVER weld or straighten mower blades.

NEVER make adjustments or repairs with the engine running.

Mower blades are sharp. Wrap the blade or wear gloves, and use extra caution when servicing them.

ALWAYS keep body and hands away from pin holes or nozzles which eject hydraulic fluid under pressure.

Foreign fluid, such as hydraulic fluid, injected into body can result in gangrene. Fluid must be surgically removed within a few hours by a doctor familiar with this form of injury.

Transporting Unit
Use extra care when loading or unloading the machine into a trailer.
Secure unit chassis to transport vehicle. NEVER secure from rods or linkages that could be damaged.
DO NOT transport machine while engine is running.
ALWAYS turn off power to attachment and shut off fuel when transporting unit.

Storage
NEVER store unit with fuel in fuel tank, inside a building where any ignition sources are present.
Keep machine free of grass, leaves, or other debris build-up. Clean up oil or fuel spillage and remove any fuel-soaked debris. Allow machine to cool before storing.
For extended storage, shut off fuel and clean unit thoroughly. See engine manual for proper storage.