

Hejny Rentals, Inc.

Contractor, Lawn & Garden, and Party Equipment Rentals
1829 White Bear Ave. - Maplewood, MN 55109
Phone: 651-770-3841 – Fax: 651-770-1725
www.hejnyrental.com

Echo PPT - 260 Power Pruner/Gas Tree Trimmer

Safety

Physical Condition

Your judgment and physical dexterity may not be good:

- if you are tired or sick,
- if you are taking medication,
- if you have taken alcohol or drugs.

Operate unit only if you are physically and mentally well.

Eye Protection

Wear eye protection that meets ANSI Z87.1 or CE requirements whenever you operate the unit

Face and Head Protection

When trimming overhead, always wear head protection meeting ANSI Z89.1 or CE requirements with a full face shield. Head protection with full face shield will help protect you from falling branches and debris.

Hand Protection

Wear no-slip, heavy duty work gloves to improve your grip on the unit handles. Gloves also reduce the transmission of machine vibration to your hands.

Hearing Protection

ECHO recommends wearing hearing protection whenever unit is used.

Proper Clothing

Wear snug fitting, durable protective clothing; chain saw safety pants or chaps are recommended.

- Pants should have long legs, shirts with long sleeves.
- DO NOT WEAR SHORTS,
- DO NOT WEAR TIES, SCARVES, OR JEWELRY.

Wear protective hair covering to contain long hair.

Wear sturdy protective safety shoes or boots with non-skid soles;

- DO NOT OPEN TOED SHOES,
- DO NOT OPERATE IT BAREFOOTED.

Hot Humid Weather

Heavy protective clothing can increase operator fatigue, which may lead to heat stroke. Schedule heavy work for early morning or late afternoon hours when temperatures are cooler.

Vibration and Cold

It is believed that a condition called Raynaud's Phenomenon, which affects the fingers of certain individuals may be brought about by exposure to vibration and cold. Exposure to vibration and cold may cause tingling and burning sensations followed by loss of color and numbness in the fingers.

The following precautions are strongly recommended because the minimum exposure which might trigger the ailment is unknown.

- Keep your body warm, especially the head, neck, feet, ankles, hands and wrists.
- Maintain good blood circulation by performing vigorous arm exercises during frequent work breaks and also by not smoking.
- Limit the hours of operation. Try to fill each day with jobs where operating the unit or other hand-held power equipment is not required.
- If you experience discomfort, redness, and swelling of the fingers followed by whitening and loss of feeling, consult your physician before further exposing yourself to cold and vibration.

Read the Manuals

Provide all operators of this equipment with the Operator's Manual, and instructions for safe operation.

Clear the Work Area

Spectators and fellow workers must be warned, and children and animals prevented from coming nearer than 50' while the unit is in use.

Use Proper Clothing & Equipment

Always wear head protection with full face shield to help protect against falling branches and debris.

Keep a Firm Grip

Grip Power Pruner with both hands with thumbs and fingers encircling the handle and shaft tube.

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Keep a Solid Stance

Maintain footing and balance at all times. Do not stand on slippery, uneven or unstable surfaces. Do not work in odd positions or on ladders. Do not overreach.

- Operate the Power Pruner' only from the ground or out of an approved bucket lift.
- Always evaluate the branches to be pruned for hazards such as loose dead branches which may fall and strike the operator or helpers.
- Remove hazards before pruning.
- Plan retreat path from falling objects.
- Cut branches bounce when striking ground.
- Check that shoulder harness is adjusted for safe, comfortable operation.
- Turn the Power Pruner' off when moving from tree to tree.
- Avoid any contact with saw chain.

Kickback

Kickback can lead to dangerous loss of control of the Power Pruner' and result in serious injury to the operator or any one standing close by. Hold the Power Pruner' firmly with both hands with thumbs and fingers encircling the front and rear handles. Be aware of the down and outward path the pruner will take after the cut is made. Kickback may occur when the moving saw chain at the nose or tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut. In some cases this may cause a lightning-fast reverse action, kicking the guide bar and saw chain up and back or down and back towards the operator. Either of these reactions may cause the operator to lose control of the Power Pruner' which could result in serious personal injury.

- With a basic understanding of kickback, you can reduce or eliminate the element of surprise which contributes to accidents.
- Avoid contact of the guide bar tip with any object while the saw chain is moving.
- Cut only wood. Avoid striking concrete, metal, wire, or other obstructions which could cause kickback or damage to the saw chain.
- If the saw chain does strike a foreign object, immediately stop the engine, inspect and repair the Power Pruner' if necessary.

OPERATION

STARTING COLD ENGINE

1. Stop Switch

Move stop switch button (A) forward away from the STOP position.

2. Choke Move choke to "Cold Start" Position.

3. Primer Bulb

Pump primer bulb (C) until fuel is visible and flows freely in the clear fuel tank return line. Pump bulb an additional 4 or 5 times.

4. Recoil Starter

Lay the unit on a flat, area and keep movable attachment parts clear of all obstacles. Firmly grasp right hand grip and throttle trigger lockout with left hand and fully depress throttle trigger to wide open position. Rapidly pull recoil starter handle/rope until engine fires (or maximum five [5] pulls).

5. Choke After engine fires (or five [5] pulls), move choke lever back to

"Run" position. Hold throttle trigger and throttle trigger lockout fully depressed and pull recoil starter handle/rope until engine starts and runs. Release throttle trigger and allow unit to warm up at idle for several minutes.

NOTE: If engine does not start with choke in "Run" position after 5 pulls, repeat instructions 2 - 5.

6. After engine warms up, gradually depress throttle trigger to increase engine RPM to operating speed.

STARTING WARM ENGINE

The starting procedure is the same as Cold Start except DO NOT close the choke, and do not depress throttle trigger to wide open position.

STOPPING ENGINE

1. Throttle.

Release throttle trigger, and allow engine to return to idle before stopping engine.

2. Stop Switch.

Move stop switch button (A) backward to STOP position.

PRUNING TECHNIQUES

The Power Pruner' is designed for light to medium trimming of limbs and branches up to 8" in diameter. Follow these tips for successful operation.

Plan cut carefully. Check direction branch will fall.

Plan retreat path from falling branch. Cut branches bounce when striking ground.

Long branches should be removed in several pieces.

Do not stand directly beneath branch being cut.

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When ready to cut:

1. Hold "butting shoe" against branch. This will prevent whipping of the branch. DO NOT use back and forth sawing action.
2. Look out for branch immediately behind the branch being cut. If saw chain hits rear branch damage to saw chain may occur.
3. Accelerate to full throttle.
4. Apply cutting pressure.
5. Ease cutting pressure when nearing end of cut to maintain control.
6. When pruning a limb 102 mm (4 in.) diameter or larger cut as follows:
7. Under cut 1 /4 limb diameter near tree trunk.
8. Finish top cut slightly farther out on limb.
9. Flush cut stub at trunk.
10. DO NOT use for felling or bucking.

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