



ELECTRIC PRUNING SHEARS

Instruction Manual



PS-DCB20

If you have questions or comments,
contact us

www.mellif-tools.com

MADE IN CHINA

PS-DCB20



 **WARNING:** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

 **WARNING:** To reduce the risk of injury, read the instruction manual.

Intended Use

Your Mellif pruner has been designed for professional landscaping applications. This pruner is intended to be used on plant materials only.

DO NOT use under wet conditions or in the presence of flammable liquids or gases.

This pruner is a professional power tool.

DO NOT let children come into contact with the tool. Supervision is required when inexperienced operators use this tool.

Definitions: Safety Alert Symbols and Words

This instruction manual uses the following safety alert symbols and words to alert you to hazardous situations and your risk of personal injury or property damage.

 **DANGER:** Indicates an imminently hazardous situation which, if not avoided, **will** result in **death or serious injury**.

 **WARNING:** Indicates a potentially hazardous situation which, if not avoided, **could** result in **death or serious injury**.

 **CAUTION:** Indicates a potentially hazardous situation which, if not avoided, **may** result in **minor or moderate injury**.

 (Used without word) Indicates a safety related message.

NOTICE: Indicates a practice **not related to personal injury** which, if not avoided, **may** result in **property damage**.

IMPORTANT SAFETY INSTRUCTIONS

 **WARNING:** To reduce risk of injury:

- Before any use, be sure everyone using this unit reads and understands all safety instructions and other information contained in this manual.
- Save these instructions and review frequently.

 **WARNING:** When using electric gardening appliances, basic safety precautions should always be followed to reduce risk of fire, electric shock, and personal injury, including the following.

1. **Avoid Dangerous Environments – DO NOT use appliances in damp or wet locations. DO NOT operate portable electric appliances in gaseous or explosive atmospheres.** Motors in these appliances normally spark, and the sparks might ignite fumes.
2. **Don't Use In Rain.**
3. **Keep All Bystanders Away –** at a safe distance from work area, especially children.
4. **Dress Properly – Do not wear loose clothing or jewelry. They can be caught in moving parts. Gloves and substantial rubber soled footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.**
5. **Always Wear Eye Protection – Wear ANSI Z87.1 approved eye protection at all times when battery is installed. Also use face or dust mask. Safety glasses are available at extra cost at your local DEWALT Service Center or authorized service facility.**
6. **Use Right Appliance –** Do not use appliance for any job except that for which it is intended.
7. **Avoid Accidentally Starting –** Don't carry with finger on trigger when battery is installed.
8. **Don't Force Appliance –** It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
9. **Don't Overreach –** Keep proper footing and balance at all times.
10. **Stay Alert – Watch what you are doing. Use common sense. DO NOT operate while under the influence of alcohol or drugs, or when you are tired or ill.**
11. **Disconnect Appliance –** Remove the battery when not in use, before servicing, when changing accessories such as blades, and the like.
12. **Store Idle Appliances Indoors –** When not in use, appliances should be stored indoors in dry, and high or locked-up place – out of reach of children.
13. **Maintain Appliance With Care – Keep cutting edge sharp and clean for best performance and to reduce the risk of injury. Follow instructions for lubricating and changing accessories. Keep handles dry, clean, and free from oil and grease.**
14. **Check Damaged Parts – Before further use of the appliance, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless indicated elsewhere in this manual.**
15. **Damage to Unit –** If you strike or become entangled with a foreign object, stop appliance immediately, remove battery, check for damage and have any damage repaired before further operation is attempted.

READ ALL INSTRUCTIONS

- 16. **DO NOT immerse appliance in water or squirt it with a hose. DO NOT allow any liquid to get inside it.** If appliance does get wet, allow to dry for a minimum of 48 hours.
- 17. **DO NOT** store the appliance on or adjacent to fertilizers or chemicals.
- 18. **Don't grasp the exposed cutting blades or cutting edges when picking up or holding the appliance.**
- 19. **DO NOT** clean with a pressure washer.
- 20. **DO NOT** charge appliance in rain, or in wet locations.
- 21. **DO NOT** use battery-operated appliance in rain.
- 22. **Remove or disconnect** battery before servicing, cleaning or removing material from the gardening appliance.

SAVE THESE INSTRUCTIONS
Additional Safety Information

WARNING: Never modify the power tool or any part of it. Damage or personal injury could result.

WARNING: ALWAYS use safety glasses. Everyday eyeglasses are NOT safety glasses. Also use face or dust mask if operation is dusty. ALWAYS WEAR CERTIFIED SAFETY EQUIPMENT:

- ANSI Z87.1 eye protection (CAN/CSA Z94.3),
- ANSI S12.6 (S3.19) hearing protection,
- NIOSH/OSHA/MSHA respiratory protection.

WARNING: Some dust contains chemicals known to State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- compounds in fertilizers,
- compounds in insecticides, herbicides and pesticides,
- arsenic and chromium from chemically treated lumber.

To reduce your exposure to these chemicals, wear approved safety equipment such as dust masks that are specially designed to filter out microscopic particles.

WARNING: Use of this tool can generate and/or disperse dust, which may cause serious and permanent respiratory or other injury. Always use NIOSH/OSHA approved respiratory protection appropriate for the dust exposure. Direct particles away from face and body.

WARNING: Always wear proper personal hearing protection that conforms to ANSI S12.6 (S3.19) during use. Under some conditions and duration of use, noise from this product may contribute to hearing loss.

CAUTION: When not in use, place tool on its side on a stable surface where it will not cause a tripping or falling hazard. Some tools with a large battery pack will stand upright but may be easily knocked over.

- **Air vents often cover moving parts and should be avoided.** Loose clothes, jewelry or long hair can be caught in moving parts.

The label on your tool may include the following symbols. The symbols and their definitions are as follows:

BPM.....	beats per minute	f	wear eye protection
V	volts	i	Class II Construction (double insulated)
min.....	minutes	g	wear hearing protection
j or DC.....	direct current	a	read all documentation
.../min.....	per minute	⚠	do not expose to rain
RPM.....	revolutions per minute	n	avoid staring at light
A.....	amperes	I or AC.....	alternating current
Hz	hertz	Ah.....	amp hours
W.....	watts	CSPM.....	cut strokes per minute
Wh.....	watt hours		
n ₀	no load speed		
n	rated speed		
c	safety alert symbol		
h	wear respiratory protection		

SPECIFICATION	
Model Name	PS-DCB20
Rated Voltage	13.5 ~ 21V
Rated Power	370W
Peak Power	600W
Rated No-Load Speed	2,000 ~ 2,600RPM
Cutting Width	2.5CM

OPERATION

! WARNING: *To reduce the risk of serious personal injury, turn unit off and remove the battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.*

Installing and Removing the Battery Pack

! WARNING: *Ensure the switch is in the off position before inserting battery pack.*

NOTE: For best results, make sure your battery pack is fully charged.

To install the battery pack into the tool handle, align the battery pack with the rails inside the tool's handle and slide it into the handle until the battery pack is firmly seated in the tool and ensure that it does not disengage.

To remove the battery pack from the tool, press the release button and firmly pull the battery pack out of the tool handle. Insert it into the charger as described in the charger section of this manual.

Proper Hand Position

! WARNING: *To reduce the risk of serious personal injury, ALWAYS use proper hand position as shown.*

! WARNING: *To reduce the risk of serious personal injury, ALWAYS hold securely in anticipation of a sudden reaction.*

Proper hand position requires one hand on the main handle.

Switching On

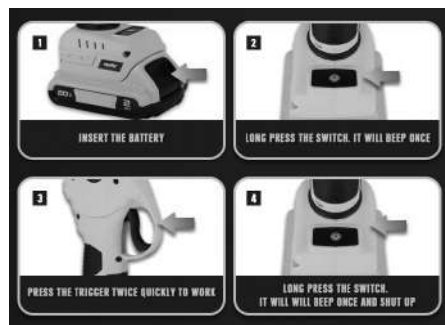
! DANGER: *Keep hands and other body parts away from the blade. Contact with the blade will result in serious personal injury laceration and amputation hazard.*

1. Keeping your hands and other body parts away from the blade, press lock-on/off button and squeeze the trigger switch twice, and then squeeze the trigger switch to work.
2. The cutting blade will make a cut cycle. Once this cycle is complete you must release the trigger switch.
3. To make repeated cuts, squeeze the trigger switch again.

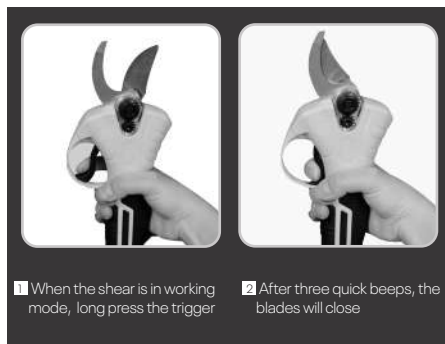
4. To turn the tool off, release the trigger switch and then long press lock-on/off switch.

NOTE: In order to start the unit, you must squeeze the lock-on/off switch twice before work.

Pruning Instructions



Return the Blades to A Closed Position



When it is in working mode, you can long press the trigger, when hearing three quick beeps, the blades will return to close position to ensure your safety.

! DANGER: *Keep hands and other body parts away from the blade. Contact with the blade will result in serious personal injury.*

SAVE THESE INSTRUCTIONS FOR FUTURE USES

⚠ WARNING: To guard against injury, observe the following:

- Read instruction manual before using. Save instruction manual.
- Check the shrub for foreign objects such as wires or fences before each use.
- Keep hand on firmly on tool and other hand far away from cutting action. Don't overreach.
- Do not use under wet conditions.

⚠ CAUTION: Do not use blade to cut branches greater than 0.98" (25 mm). Use the pruner only for cutting normal shrubbery around houses and buildings.

Working Position

Maintain proper footing and balance and do not overreach. Wear safety goggles, non-skid footwear and gloves when pruning. Hold the tool firmly. Always hold the pruner. Never hold the tool by the blades.

Auto Shut off: The unit will shut off automatically after 15 minutes.

1. Position the branch to be cut between the cutting blade and fixed blade
2. Press the lock-on/off button and squeeze the trigger switch twice, and then squeeze the trigger switch to work.
3. The cutting blade will make a cut cycle and cut the branch off.

NOTE: Cut branches at an angle for a cleaner cut.

4. Release the trigger switch.

Sleep Mode: The unit will enter sleeping mode if not using in 1 minute. Press the trigger switch twice to activate it.

Auto Shut-off: The unit will shut off automatically after 15 minutes when not in use.

MAINTENANCE

⚠ WARNING: To reduce the risk of serious personal injury, turn unit off and remove the battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

Your Mellif power tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

Removing and Installing Blade

⚠ DANGER: RISK OF INJURY. WHEN REASSEMBLING THE BLADE SYSTEM, ENSURE EACH PART IS REINSTALLED CORRECTLY, AS DESCRIBED BELOW. IMPROPER ASSEMBLY OF THE BLADE OR OTHER PARTS OF THE BLADE SYSTEM CAN CAUSE SERIOUS INJURY.

⚠ DANGER: To reduce the risk of serious personal injury, turn unit off, remove battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause serious personal injury.

⚠ WARNING: Use gloves and proper eye protection. Be careful of the sharp edges on the blade.

1. Remove the battery.
2. Wear proper eye protection and gloves and be careful not to cut yourself.
3. Place the product on a smooth, level surface.
4. Using the supplied hex wrench loosen the fixed blade screw one full turn. This will allow for easier removal and assembly of the cutting blade.
5. Flip the product onto its other side.

6. Using the hex wrench remove the cutting blade screw and nut.
7. Remove the cutting blade.
8. Install the new cutting blade.

NOTE: Ensure the cutting edge faces toward the fixed cutting blade.

9. Insert the cutting blade screw through the cutting blade and screw mount into nut.
10. Use the hex wrench to loosely tighten the cutting blade screw.
11. Flip the product onto its other side and use the hex wrench to fully tighten the fixed blade screw.
12. Flip the product onto its other side and use the hex wrench to fully tighten the cutting blade screw.

Blade Maintenance

⚠ WARNING: Use gloves and proper eye protection while removing, sharpening, and installing blade.

The cutting blades are made from high quality, hardened steel and with normal usage, they will not require reshaping. However, if you accidentally hit a wire fence, stones, glass, or other hard objects, you may put a nick in the blade. There is no need to remove this nick as long as it does not interfere with the movement of the blade. If you drop the trimmer, carefully inspect it for damage. If the blade is bent, housing cracked, handles broken or if you see any other condition that may affect the tool's operation contact your local authorized service center for repairs before putting it back into use.

1. Remove the battery.
2. Remove blade from pruner. See instructions for **Removing and Installing Blade**.
3. Wear proper eye protection and gloves and be careful not to cut yourself.

4. Secure blade in a vise.
5. Carefully file the cutting edge of the cutting blade with a fine tooth file (not included) or sharpening stone (not included), maintaining the angle of the original cutting edge of the cutting blade.
6. Inspect the edge of the fixed blade and remove any burrs with a fine tooth file.
7. Install sharpened cutting blade as described in the **Removing and Installing Blade** section.

Blade Lubrication

1. After use, remove the battery.
2. Carefully apply a resin solvent to the exposed blades.

Storage

1. After use, remove the battery.
2. Keeping your hands away from the blade, and store in a dry location, away from the reach of children.

Cleaning



WARNING: *Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. These chemicals may weaken the plastic materials used in these parts. Use a cloth dampened only with water and mild soap. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.*

One Year Limited Warranty

We offer one year limited warranty for Mellif products. Contact us at www.mellif-tools.com if you have any problem with the items you purchased.