

MORI

MANUAL

EPC-260

Electric Palm Cutter



Please read the following instruction carefully before operate this machine to ensure safety operation.

SYMBOLS & TEXT



Read the manual before Use.



Wear sturdy boots with non-slip soles.



Wear gloves made of durable material for work



Wear helmet, goggles and ear-muffs.



Do not expose to rain and use in damp environment.



Store and battery charging indoors.



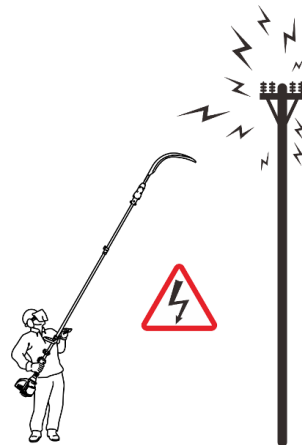
Always remove battery from machine after use.



This product must be deposited at an appropriate recycle facility.



Keep all bystanders 15 meters away.



Keep clearance of any electric facilities.

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SPECIFICATION

Specification	
Model Code	EPC-260
Battery Volt	36 volts
Battery Capacity	5.2 Ah
Battery Weight	1.4 kgs
Machine Weight (w/o battery)	5.7 kgs
Motor rpm	8500 rpm
Pipe length	1500 mm



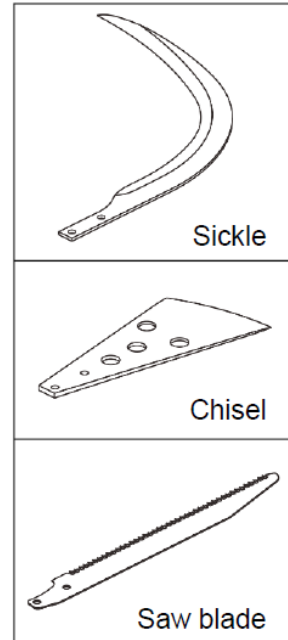
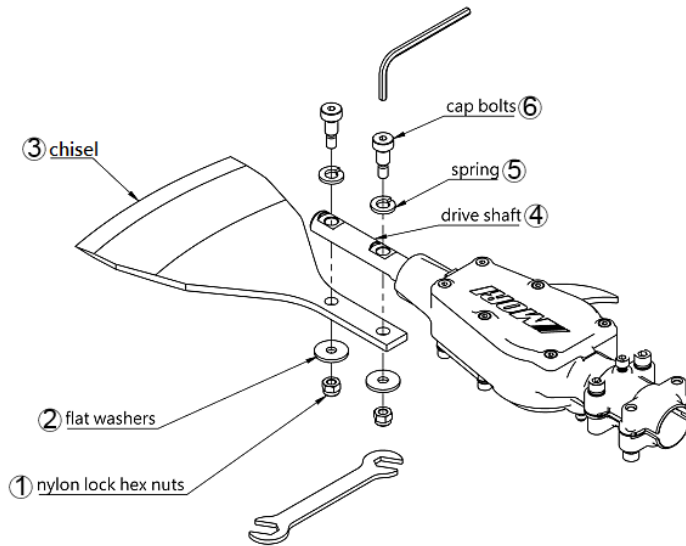
CAUTION

The data may be slightly different due to environment and cutting objects.

INSTALLATION

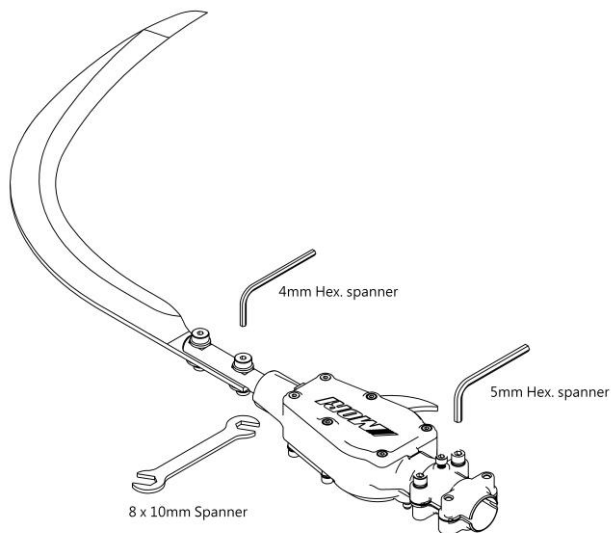
Palm Cutter Gearset

Align 2 cap bolts, 2 spring washers, 2 flat washers & 2 nylon lock hex nuts as drawing as below & make sure to fasten all of them.



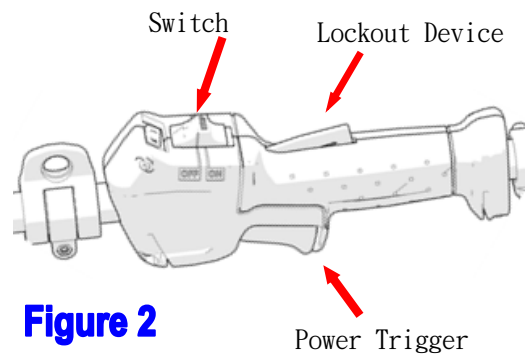
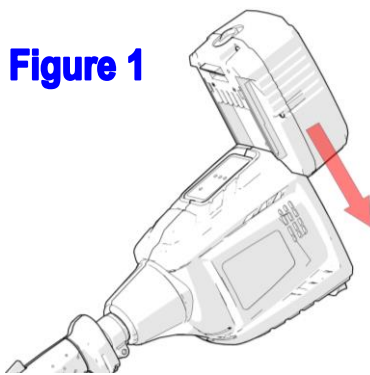
Caution :

1. Make sure to fasten all screws.
2. Need to check all screws are firmly fastened every time before usage.



Operation Instruction

1. Install the battery at the power unit and slide to the end. (Figure 1)
2. Slide the power switch to turn on the machine. (Figure 2)
3. Press down the lockout device for control trigger.
4. Pull the trigger to control motor speed.
5. If the blade is stuck with palm tree, release trigger and switch off the machine.
Remove blade from palm tree and restart.
6. Switch off the machine while taking break or stop operating.
7. Wear the proper protection during operation.
8. Remove battery from machine after use and store separately. Full charge the battery for next operation.



WARNING

Any impact on blade or machine during operation, please switch off machine and check if there is any damage.



WARNING

Any damage to blade please replace blade immediately to avoid injury.



CAUTION

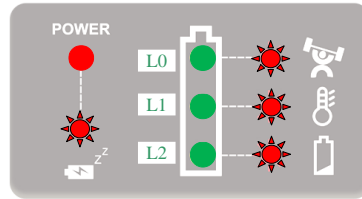
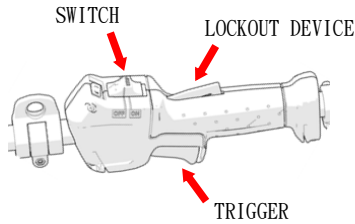
Switch off and remove battery from machine while changing blades or machine maintenance.

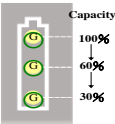
















CAUTION

Full charge the battery for next operation and avoid to keep battery in low voltage.

POWER UNIT PANEL



Seq.	STATE	ILLUSTRATION	LIGHT INDICATION			
			L0	L1	L2	Power
1	Normal	When battery is attached, switch on the machine and panel shows battery capacity ° 				
2	Overloading	When blade is stuck with palm tree, red light is flashing and alarm. SOLUTION : Remove blade from palm tree and restart.	 FLASHING			
3	Overheated	Continues overloading cause motor or battery is over heated. Red light is flashing and alarm. SOLUTION : Switch off the machine and wait for motor or battery is cool down.		 FLASHING		
4	Low volts alarm	When battery volt is low then red light is flashing and alarm. SOLUTION : Switch off and recharge the Battery.			 FLASHING	
5	Idle Alarm	When machine is switched on and idle for over 3mins without using, Red light is flashing and alarm. (Power Saving Alarm) SOLUTION : Switch off and restart.	 FLASHING	 FLASHING	 FLASHING	

Seq.	STATE	ILLUSTRATION
6	Operating	Switch on the power, press down the lockout device and pull the trigger, the motor output will reach 8500rpm.
7	Emergency	Switch off the machine for cutting off the power supply when machine is not under controlled.

BATTERY

BATTERY SPECIFICATION

Capacity	5.2Ah
Weight	1.4Kg
Standard Volt	36V
Charging Volt	42V
Charging Method	CC – CV
Charging Ampere	3A
Output Ampere	18A (Max)

1. The machine is compatible with MORI battery only.

2. Use MORI charger for charging only.

3. Ensure the battery is full charged at the 1st time use.

4. Avoid rain or damp environment.

5. Storage environment 5°C ~ 40°C without direct sunlight.

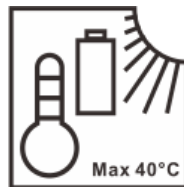
6. Charging environment 5°C ~ 40°C.

7. Keep battery internal dry.

8. ***Ensure battery is full charged before storage.***

9. ***If battery is stored over 3months without use, please discharge and recharge battery once.***

(Keep machine running till battery volt is low then recharge battery fully)



CHARGER PANEL



Charger Instruction :

1. The charge is compatible with MORI battery only.
2. The charge is compatible with MORI adaptor only.
3. Avoid rain or damp environment which charging.
4. Keep charging environment 5°C ~ 40°C.
5. Unplug the power supply after charging.
6. Do not expose the charger to microwave or high pressure environment.

Seq	State	Illustration	Charger Panel
			Light
1	Standby	When power supply is plugged into the socket, the green light is on till battery is attached.	Green Light On
2	Charging	The red light is on till battery is full charged.	Red Light On
3	Full Charged	The green light is on when battery is full charged.	Green Light On
4	Alarm	The red light is flashing when battery or charge is inoperative. SOLUTION : Unplug the power supply and re-plug into the socket. If the problem is not solved please contact local dealer.	Red Light Flashing



WARNING

*Please use MORI charger only.
Ensure the AC socket is functional before charging.
Do not charge battery in damp environment.*

TROUBLE SHOOTING

State	Root	Solution
Switch on and machine is not functional.	Battery is in low capacity	Fully charge the battery.
	Battery is over 40°C or under 0°C	Move machine and battery to environment 0~40°C and restart.
	Battery is not functional.	Remove battery and reattach to machine. If the problem is not solved, please use another battery and try again.
	Machine is not functional.	Remove battery and reattach to machine. If the problem is not solved, please contact local dealer.
Suddenly shut down during operation.	Battery is over heated.	Remove battery from machine. Make battery cool down and try again.
	Electrical signal.	Reboot machine.
Charger light is flashing.	Battery is defective.	1. Reconnect adaptor and charger cable then try again. 2. Take another battery and retry.
	Charger is defective.	1. Reconnect adaptor and charger cable then try again. 2. If problem is not solved please contact local dealer.

MAINTENANCE RECORD



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