



#### LOVE EACH OTHER

## Garden Machinery

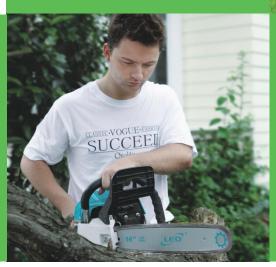


### **Garden life**



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**LEO** Product Catalog 2013 V01

# COMPANY PROFILE



## **CONTENTS**



#### ZHEJIANG LEO CO., LTD.

(Stock code: 002131)

Garden	Plant Protection	Domestic	Industry
Shredder	Hand Sprayer	Peripheral Pump	Split-Case Centrifugal Pump
Lawnmower	High Pressure Pump	Centrifugal Pump	Slurry Pump
Scarifier	High Pressure Washer	Self-Priming Jet Pump	Axial Flow Pump
Brush Cutter	Power Sprayer Pump	Pool & Spa Pump	Submersible Mixed Flow Pump
Chainsaw	Sprayer Unit	Domestic Lifting Station	Multistage Segmental Centrifugal Pum
Garden submersible	oump	Vertical Multistage Centrifugal Pump	Desulfurization Pump
Garden jet pump		Stainless Steel Borehole Pump	Vertical Long Shaft Pump
Fountain pump		Standard Centrifugal Pump	Hot Water Circulating Pump
		Stainless Steel Single-Stage Centrifugal Pump	Oil Transfer Pump
		Submersible Pump	

Gasoline Water Pump



Silent Shredder

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GS CE ETL CB EMC & EMF UL FFU ISO9001: 2000 ISO17025 QC080000 QC001002-5

















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**Power Lawnmower** 

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## Silent Shredder

#### Type Silent shredder Model LSG2514 Voltage/Frequency 230 V / 50 Hz Rated Power 2580 W Max. Cut Dia Φ45 mm Operational Mode S6/40% Motor Speed 22000 rpm (rated speed: 15000 rpm) Blade Speed 40 rpm Protection Class IPX4 Insulation Class Collector Volume 35 L Product Size 515 × 458 × 804 mm Packing Size 415 × 356 × 455 mm Loading Q'ty 835 PCS/40', 400 PCS/20'



#### **Product use**

It is used for cutting branch and household garbage.

#### **Features**

- ► High quality electric brush motor.
- ▶ Over-current protector can effectively protect the motor.
- ► Bigger cutting torque brings better cutting result.
- ▶ Double-edged blade. It can be replaced when one side is blunt.
- ► Large cutting diameter.
- ▶ With convenient collecting box.
- ► Higher safety performance. The collecting box has interlock switch.
- ▶ Easy to store. The main frame can be put into the collecting box.

LSG2505



#### **Features**

- ▶ High quality motor and reliable performance.
- ▶ With convenient collecting box.
- ▶ An interlock switch on the collecting box.
- High cutting diameter.
- Excellent in shape.
- ▶ Easy to store. The main frame can be put into the collecting box.







# Silent Shredder



The cutting material is drawn by the rotating cutting gear.



Blade adjusting button enables adjusting of the distance between blade and holder.



The Silent Power range features an additional switch which changes the direction of the motor, eliminating the possibility of clogging.



#### **Features**

► The shredders are low noise products with a cutting capacity for branches up to 40 mm diameter. They grind the material with a slowly rotating roller with sharp teeth. The mechanism pulls itself down the branches chipping them to rough compost.



Collecting bag: 64L

#### **Features**

Type

Model

Power/Voltage

Max. Cut Dia.

- ▶ The proved crushing/cutting technology makes the shredder one of the quietest and most pleasant tools you could have.
- ▶ The roller/blade system, which runs at only 40 rpm, reduces the wood into small pieces and crushed at the same time.
- ▶ Shredded material can be used as mulch for various applications such as shrubberies, rockeries and nutrients when composting.
- ► Automatic kickback-free feeder mechanism with shredder roller made in hardened steel crushes branches for accelerated composting.
- Automatic shutdown when branches are jammed due to anti-locking mechanism. Reverse rotation to remove jammed material.

Silent shredder

LSG2512

ф 40 mm

2500 W / 230 V



Transparent collecting compartment for refuse collecting.



Handle adjusting button enables adjustment for better operation.



LSG2500



Туре	Silent shredder		
Model	LSG2100	LSG2500	
Power/Voltage	2100 W / 230~240 V	2500 W / 230 V	
Max. Cut Dia.	ф 35 mm	ф 40 mm	
Package	570x330x610 mm	570x330x610 mm	
N.W.	24.5 kgs	25 kgs	
Loading Q' ty (40' H)	600	600	

#### LSG2503



Туре	Silent shredder		
Model	LSG2103	LSG2503	
Power/Voltage	2100 W / 230~240 V	2500 W / 230 V	
Cut Dia	ф 35 mm	ф 40 mm	
Package	570x330x630 mm	570x330x630 mm	
N.W.	25 kgs	25.5 kgs	
Loading Q' ty (40' H)	580	580	

Collector Volume 60 L 60 L N.W. 30 kgs 31 kgs Package 585×425×520 mm 585×425×520 mm Loading Q' ty (40' H)

535

LSG2812

ф 45 mm

2800 W / 230~240 V

03 04

LSG2512



## Silent Shredder





# **Cutting Shredder**

#### **Product use**

It is used for cutting branch and household garbage.

#### **Features**

- ► This shredder is a blade shredder with collecting box.
- High cutting speed.
- Over-current protector can effectively protect the motor.
- ► High quality motor, reliable performance.
- Double-edged blade. It can be replaced when one side is blunt.
- Large cutting diameter.
- ► With convenient collecting box.
- ► Higher safety performance. The collecting box has interlock switch.
- ► Easy to store. The main frame can be put into the collecting box.

LSG2504







Туре	Cutting shredder	
Model	LSB2509	LSB2809
Power/Voltage	2500 W / 230 V	2800 W / 230~240 V
Cut Dia	ф 40 mm	ф 45 mm
Package	575x520x505 mm	575x520x505 mm
Collector Volume	60 L	60 L
N.W.	23 kgs	24 kgs
Loading Q' ty (40' H)	560	560



Overcurrent protector

Electromagnetic swi Rotary switch



Interlock device







Rotatable & openable



Tool place



D. .



### **Features**

▶ The cutting shredder features excellent self-feeding & fast working for fresh branches up to 40 mm diameter. The cutting system equips two long life blades, which are double-edged.

# **Cutting Shredder**



Collecting bag: 64L



Pusher





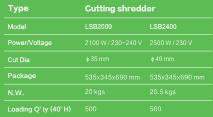




LSB2400







LSB2504



Туре	Cutting shredder	
Model	LSB2104	LSB2504
Power/Voltage	2100 W / 230~240 V	2500 W / 230 V
Cut Dia	ф 35 mm	ф 40 mm
Package	550x320x580 mm	550x320x580 mm
N.W.	18.5 kgs	19 kgs
Loading O' tv (40' H)	669	669

LSB2505



Туре	Cutting shredder		
Model	LSB2105	LSB2505	
Power/Voltage			
Cut Dia			
Package			
N.W.	17.5 kgs	18 kgs	
Loading Q' ty (40' H)			

## **Electric** Lawnmower

#### **Features**

The LEO electric lawnmower features the press & hold system for safety. The button must be pressed with one hand while the other pulls the lever, eliminating any possible risk.

Leo electric Lawnmower is a powerful lawnmower for large lawns up to 1000m2. It has a cutting width of 43cm, a 1,600 watt motor, a folding handle with switch and switch actuator, comfort wheels, central 6-position cutting height adjustment from 25-75mm, a 50 liter grass box bag with level indicator, and a weight of only 25kg. It comes completely assembled in a robust cardboard box.

LM-38E-3-1

Electric lawnmower
LM-38E-3-1
38 cm
1300 W / 230-240 V
Manual-Propelled
Center
Robust PP-plastic
40 L
500 m²
6-from 25 to 75 mm
735X455X325 mm
18.5 Kgs
640



The cutting height can be conveniently set centrally to 6 different heights from 25 to 75 mm.



It features a large capacity easily removed and emptied.



#### **Product use**

It is mainly used for lawn trimming in domestic garden and some public places.

#### **Features**

- Manual height adjustment
- ► Low noise
- ► High quality induction motor
- ► Switch with interlock device
- ► Good mowing effect
- ► Durable PP chassis





Туре	Electric lawnmo	wer			
Model	LM-32E	LM-38E	LM-43E	LM-32E-2	LM-38E-2
Cutting Width		38 cm			38 cm
Power/Voltage	1000 W / 230-240 V	1300 W / 230-240 V	1500 W / 230-240 V	1000 W / 230-240 V	1300 W / 230-240 V
Drive System	Manual-Propelled	Manual-Propelled	Manual-Propelled	Manual-Propelled	Manual-Propelled
Height Adjustment	Manual	Manual	Center	Manual	Manual
Chassis Material	robust PP-plastic				
Collector Volume	30 L	45 L	50 L	26 L	42 L
Cutting Scope	250 m²	500 m²	1000 m²	250 m²	500 m²
Cutting Height Adjustment	3-from 30 to 65 mm	3-from 30 to 65 mm	5-from 25 to 75 mm	3-from 30 to 65 mm	3-from 30 to 65mm
Package	645X420X327 mm	745X475X385 mm	800X530X390 mm	620X380X285 mm	690X455X320 mm
N.W.					
Loading Q' ty (40' H)		438		1026	680



## Li-ion Lawnmower

#### **Features**

- Battery powered and cordless, offering ultimate freedom in the garden.
- ► Noiseless.
- ► Environmental-friendly, no CO₂ emission.
- ► Low running cost, long service by using lithium ion battery.
- ▶ Ideal for large area, up to 20% more than comparable models.



Туре	Electric lawnmower		
Model	LM-32E-6	LM-38E-6	
Cutting Width	32 cm	38 cm	
Power/Voltage	900 W / 230-240 V	1300 W / 230-240 V	
Drive System	Manual-Propelled	Manual-Propelled	
Height Adjustment	Manual	Manual	
Chassis Material	robust PP-plastic	robust PP-plastic	
Collector Volume	26 L	42 L	
Cutting Scope	250 m <sup>2</sup>	500 m²	
Cutting Height Adjustment	3-from 30 to 65mm	3-from 30 to 65mm	
Package	620X380X255 mm	690X455X320 mm	
N.W.	13.5 Kgs	16.5 Kgs	
Loading Q' ty (40' H)	1140	680	



Туре	Electric lawnmower	
Model	LM-48E	LM-48E-1
Cutting Width		
Power/Voltage		
Drive System	Manual-Propelled	Self-Propelled
Height Adjustment		
Chassis Material		
Collector Volume	55 L	55 L
Cutting Scope	1500 m²	1500 m²
Cutting Height Adjustment		
Package		
N.W.		28 Kgs
Loading Q' ty (40' H)		

Туре	Li-ion Lawnmower
Model	LM-38L
Battery Type	Li-lon
Voltage	36 V / 4.5 Ah
Cutting Width	38 cm
Drive System	Manual-Propelled
Height Adjustment	Separate height adjustment
Chassis Material	robust PP-plastic
Collector Volume	45 L
Cutting Scope	500 m²
Cutting Height Adjustment	3-from 30 to 65mm
Package	745X475X385 mm
N.W.	18 Kgs
Loading Q' ty (40' H)	438



One time standard charge provides energy for 45 minutes' operation. Two charging modes: Standard charge: 5 hours Fast charge: 2 hours



Simple to use: The battery can be removed easily and then connected to the supplied cord for recharging. A visible LED display shows the charging status of the battery.





Safety key

### **Electric Scarifier**

#### **Features**

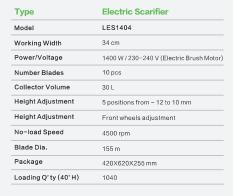
The horizontal installed motor after speed reduction by the belt drives the blade. One set of blades continuously smash the soil and makes it smooth. The centrifugal force created by the rotating blade takes the grass out of the discharge port, which realizing scarifying and grass weeding.



## Power Chainsaw

#### **Features**

- New unique design.
- Composite anti-vibration system reduces the operator's fatigue.
- Ergonomic handles design for easier operation.
- Automatic bar and chain oiler.
- ▶ Chain brake system can be activated within 0.12 second.
- Self-lock throttle trigger provides extra protection.











#### LCS45-A



**Power Chainsaw** 

1.8 kW / 8500 rpm

(3/8"); 0.058"

Recoil Starter

40:1

530 ml

260 ml

CDI

2-stroke, Single cylinder, Air-cooled

LCS45-A

45.6 cc

#### LCS52-A

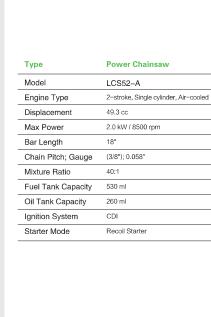


#### LCS58-A



## Power Chainsaw

**NEW** 





Туре	Power Chainsaw
Model	LCS58-A
Engine Type	2-stroke, Single cylinder, Air-cooled
Displacement	54 cc
Max Power	2.2 kW / 8500 rpm
Bar Length	20"
Chain Pitch; Gauge	(3/8"); 0.058"
Mixture Ratio	40:1
Fuel Tank Capacity	530 ml
Oil Tank Capacity	260 ml
Ignition System	CDI
Starter Mode	Recoil Starter

Type

Model

Engine Type

Displacement

Max Power

Bar Length

Mixture Ratio

Chain Pitch; Gauge

Fuel Tank Capacity

Oil Tank Capacity

Ignition System

Starter Mode



#### LCS45-B

# garanderes son Manacian Manaci

#### **Features**

- Unique European style design.
- ➤ 20% less gasoline consumption due to stratified scavenging construction.
- Composite anti–vibration system reduces the operator's fatigue.
- Ergonomic handles design for easier operation.
- Self-lock throttle trigger provides extra protection.

## Power Chainsaw

#### LCS40-B



Туре	Power Chainsaw
Model	LCS40-B
Engine Type	2-stroke, Single cylinder, Air-cooled
Displacement	40.2 cc
Max Power	1.5 kW / 9500 rpm
Bar Length	14"
Chain Pitch; Gauge	(3/8"); 0.058"
Mixture Ratio	40:1
Fuel Tank Capacity	520 ml
Oil Tank Capacity	200 ml
Ignition System	CDI
Starter Mode	Recoil Starter



Туре	Power Chainsaw
Model	LCS45-B
Engine Type	2-stroke, Single cylinder, Air-cooled
Displacement	45 cc
Max Power	1.8 kW / 8500 rpm
Bar Length	16"
Chain Pitch; Gauge	(3/8"); 0.058"
Mixture Ratio	40:1
Fuel Tank Capacity	520 ml
Oil Tank Capacity	260 ml
Ignition System	CDI
Starter Mode	Recoil Starter

#### LCS52-B





- New unique design
- Composite anti-vibration system reduces the operator's fatigue.
- Ergonomic handles design for easier operation
- Automatic bar and chain oiler.
- Chain brake system can be activated within 0.12 second
- Self-lock throttle trigger provides extra protection.



### Petrol Brush Cutter

#### **Features**

- New unique design.
- Easy-to-start system reduces 30% strength and effort to start the engine.
- Stable performance and long service life by using high-silicon aluminum piston and high strength needle bearing.
- ► Tool-free air filter access for easy maintenance.
- ▶ 30% less gasoline consumption.

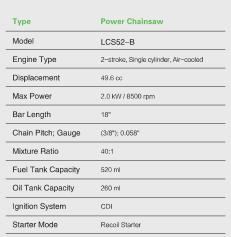






unique cover des

Agile grass cover







BC33	LBC43	LBC36
-stroke, Single cylinder	2-stroke, Single cylinder	4-stroke, OHC single, Air-cooled
2.6 cc	42.7 cc	35.8 cc
.9 kW / 7500 rpm	1.2 kW / 7500 rpm	1.0 kW / 7000 rpm
.6 L	1.0 L	0.65 L
I-type / D-type	U-type / D-type	U-type / D-type
mm	8 mm	8 mm
30 / Φ 2.5 mm	430 / Φ 2.5 mm	430 / Φ 2.5 mm
0:1	40:1	
	stroke, Single cylinder 2.6 cc 9 kW / 7500 rpm 6 L -type / D-type mm 80 / Φ 2.5 mm	2=stroke, Single cylinder 2-stroke, Single cylinder 2.6 cc 42.7 cc 9 kW / 7500 rpm 1.2 kW / 7500 rpm 6 L 1.0 L -type / D-type U-type / D-type mm 8 mm 430 / Φ 2.5 mm

19 20



## Power Lawnmower

#### **Features**

- ► Improved air channel to collect grass more efficiently.
- ► Ergonomic handle with 3-position adjustment.
- ▶ 9-position height adjustment for more convenient use.

Туре	Power Lawnmower
Model	LM40
Displacement	110 cc
Engine Type	LEO
Fuel Tank Volume	1.0 L
Cutting Scope	1400 m <sup>2</sup>
Cutting Width	40 cm
Drive System	Manual-Propelled
Height Adjustment	Manual
Cutting Height Adjustment	3~From 25 to 65 mm
Chassis Material	Plastic
Grass Collector Volume	45 L
Sound Level	94 dB (A)

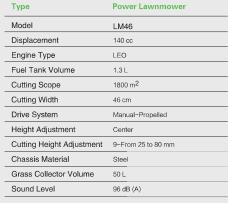


Manual height adjustment.

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Front handle for easy lifting.





LIVI40



Туре	Power Lawnmower
Model	LM46Z
Displacement	140 cc
Engine Type	LEO
Fuel Tank Volume	1.3 L
Cutting Scope	1800 m <sup>2</sup>
Cutting Width	46 cm
Drive System	Self-Propelled
Height Adjustment	Center
Cutting Height Adjustment	9~From 25 to 80 mm
Chassis Material	Steel
Grass Collector Volume	50 L
Sound Level	96 dB (A)



- ▶ OHV engine for easy starting and low emission.
- ► Separate height adjustment for front and rear wheels.
- ►7-position height adjustment.
- ► Comfort grip bail handle.

LM46Z

- ► Durable powder-coated paint.
- Ideal for hilly and uneven terrain.



Туре	Power Lawnmower
Model	 LM48
Displacement	
Engine Type	
Fuel Tank Volume	1.5 L
Cutting Scope	2000 m <sup>2</sup>
Cutting Width	48 cm
Drive System	Manual-Propelled
Height Adjustment	Manual
Cutting Height Adjustment	7~From 25 to 95 mm
Chassis Material	Steel
Grass Collector Volume	55 L
Sound Level	96 dB (A)



LM48





#### **Features**

- Ergonomic handle with 3-position adjustment
- Smooth self propelled drive system with variable speeds
- Spiral chassis design for better grass collection.

Туре	Power Lawnmower
Model	LM48Z
Displacement	173 cc
Engine Type	LEO
Fuel Tank Volume	1.5 L
Cutting Scope	2000 m <sup>2</sup>
Cutting Width	48 cm
Drive System	Self-Propelled
Height Adjustment	Manual
Cutting Height Adjustment	7~From 25 to 95 mm
Chassis Material	Steel
Grass Collector Volume	55 L
Sound Level	96 dB (A)

Lawnmower



**Power** 



25

203

Туре	Power Lawnmower
Model	LM51Z
Displacement	173 cc
Engine Type	LEO
Fuel Tank Volume	1.5 L
Cutting Scope	2000 m <sup>2</sup>
Cutting Width	51 cm
Drive System	Self-Propelled
Height Adjustment	Manual
Cutting Height Adjustment	7-From 25 to 75 mm
Chassis Material	Steel
Grass Collector Volume	55 L
Sound Level	96 dB (A)







-molded Throttle o

control Folding ha



LM48Z



## Gasoline Water **Pump**



#### **Features**

Туре	Power Lawnmower
Model	LM51Z-A
Displacement	173 cc
Engine Type	Kohler
Fuel Tank Volume	1.5 L
Cutting Scope	2000 m <sup>2</sup>
Cutting Width	51 cm
Drive System	Self-Propelled
Height Adjustment	Manual
Cutting Height Adjustment	7-From 25 to 75 mm
Chassis Material	Steel
Grass Collector Volume	55 L
Sound Level	96 dB (A)



- ► Strengthened pump body ensures more durable and reliable service.
- ▶ The temperature of engine oil is always in best condition due to 2-in-1 integrated design.
- ► Better sealing effect by using special mechanical seal.
- ► 5-direction outlet for convenient use.
- ▶ 20% Increased loading quantity thanks to very compact construction design.
- Less gasoline consumption.









#### LGP20A/LGP30A

Туре	Gasoline Water Pump
Model	LGP20A
Engine Type	Air-cooled, 4-stroke,Single cylinder
Power	5.5 HP
Displacement	163 ml
Inlet/outlet	50 mm (2")
Speed	3600 rpm
Qmax	30 m³/h
Hmax	30 m
Max. Suction	8 m
Fuel Tank Capacity	3.6 L

Туре	Gasoline Water Pump
Model	LGP30A
Engine Type	Air-cooled, 4-stroke,Single cylinder
Power	6.5 HP
Displacement	196 ml
Inlet/outlet	80 mm (3")
Speed	3600 rpm
Qmax	60 m³/h
Hmax	30 m
Max. Suction	8 m
Fuel Tank Capacity	3.6 L

LM51Z-A