

AutoLawnMow

A New Auto Lawn Mower For 2010

The first Portable Lawnmower robot in the world
Able to detect the grass

Ambrogio 

Line 50

- Maximum safety
- Lightweight and Portable
- Easy controls
- Grass detection sensors
- No need to install a perimeter wire



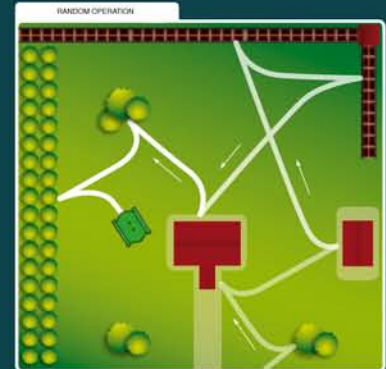
ZUCCHETTI
CENTRO SISTEMI
LE SOLUZIONI CHE CREANO SUCCESSO

ALM Preview
2010

YOUR GARDEN-FRIENDLY ROBOT

Random functioning

- It detects the grass, to know where and where not to cut
- It changes direction autonomously
- It needs no installation
- Maximum safety for persons and animals



Easy to use

- One-click control panel
- Dual handles and lightweight make L50 easy to move
- It can even mow at night!
- It can work on slopes up to 27°
- Environmentally friendly and safe, it maintains your lawn with precision



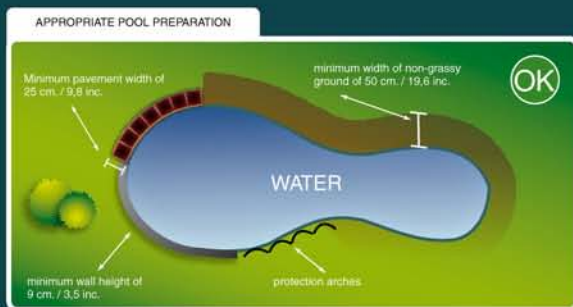
Easy to recharge

- HI-TECH Lithium battery
- Easy to recharge: simply attach 2 connectors to the L50
- Simply store and recharge in a dry and shaded area



Without perimeter

- ZGS - Zucchetti Grass Sensor (patented)
- No need to install a border wire; Ambrogio L50 can detect grass and non-grass areas
- Only some minor adjustments to border the area and the robot will work in your place



Safety devices

- Obstacles detection sensor
- Automatic shut-off if lifted
- Automatic shut-off if tipped over



TECHNICAL DATA

Description		Model L50EU
Maximum area to be mowed		
Daily working cycle	m2 (sq ft)	400 (4300 sq ft)
Specifications		
Size (B x A x P)	mm (in.)	409 x 199 x 335 (16,10 x 7,83 x 13,19 in)
Weight (battery included)	kg	7,9
Cutting height (Min-Max)	mm (in.)	34 - 40 (1,34 - 1,58 in) Adjustable with 1 6 mm. (0,24 in) spacer
4-pronged Blade diameter	mm (in.)	250 (9,84)
Drive System		4WD
Electrical motors	V	cc (25,2V)
Cutting blade speed	RPM	4000 cut 2200 Maintenance
Ground Speed	Meters/Min	16 (52,48 ft.)
Suggested maximum slope	°	27° according to lawn condition
Ambient working temperature		-10°(14 F.) (Min) +50° (122 F.) (Max)
Electrical features		
Charger (for lithium bt)		Type 2 (Vin 90 - 264Vac) AC current (typ.) 1.2A/115Vac 0.7A/230Vac Input Frequency range 47 - 63Hz
Battery type and recharging mode		
Rechargeable Li-Ion battery	V-A	25,2V – 6,9Ah
Charger	V-A	29,3 Vcc - 2,0 Ah
Min. recharging time and method		3 hours – Manual
Blade stop safety system		
Anti-tilting sensor		standard equipment
Lifting sensor		standard equipment
Equipments		
Grass detection sensors (patented)	N.	6
Blade modulation		standard equipment
Mowed lawn detection sensors (patented)		standard equipment
Border accessories		Optional
Average working time *	hours	3,5

* depending on grass and lawn conditions.

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