

ELECTRIC RODS

ELECTRIC ROD "PRO" CARBON POLE 4X4

DESCRIPTION:

The Urchin "PRO" 4X4 MINOS NIK electric rod is suitable for all types of olive trees due to the pulsating movement - vibration. It has 32 carbon fiber rods, as well as a carbon fiber outer tube that makes it the lightest sea urchin rod on the market 2.40 Kg with the motor for even more relaxing operation.

The action of the sea urchin on the tree is not rotary but pulsating. The rod head pulses at a speed determined by the new **Brushless** motor's speed controller depending on the variety of olive and the operator's requirements.

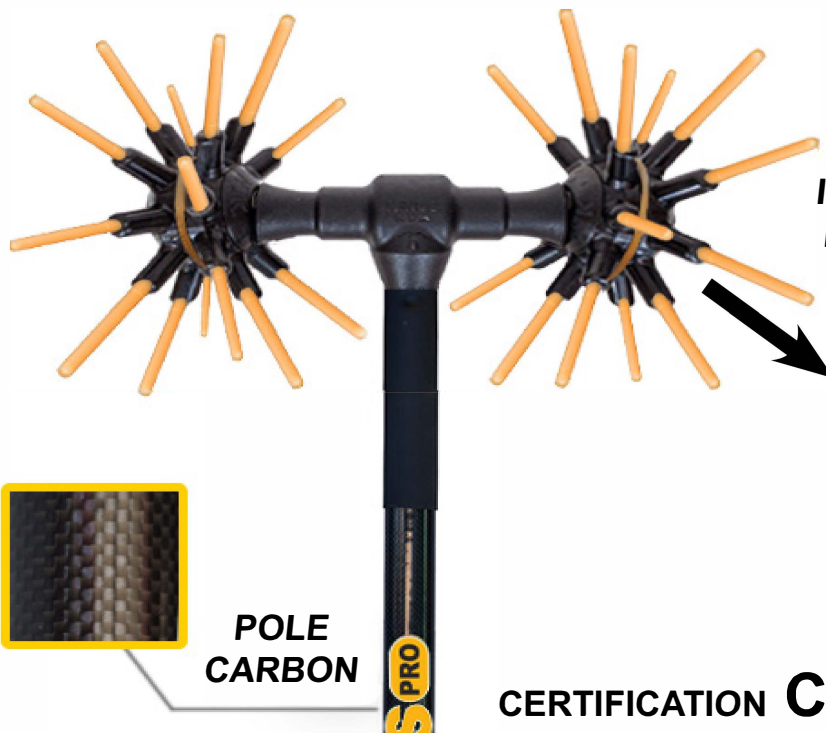
CAN BE BUILT TO ANY HEIGHT THE CUSTOMER DESIRES

SPECIFICATIONS:

Movement Type:	Pulsating
Number of sticks:	32 carbon sticks
Head:	With steel gears and grease gun
Operating voltage:	12 Volt, Dc 1000 watt
Cable:	15 meters flexible, 2X3mm silicone
Overall length machine:	Pole 2,15m = 2,45m with moter Pole 2,65m = 2,95m with moter



Pole Length 2.15m
Pole Length 2.65m

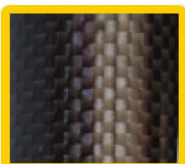


SYSTEM 4X4

INDEPENDENT MOVEMENT IN EACH HEMI-SPHERE



BRUSSLESS MOTER



**POLE
CARBON**

CERTIFICATION C E

ELECTRIC ROD " PRO " 4X4 WITH ALUMINIUM POLE

DESCRIPTION:

The Urchin "PRO" 4X4 MINOS NIK electric rod is suitable for all types of olive trees due to the pulsating movement - vibration. It has 32 carbon fiber rods, as well as a carbon fiber outer tube that makes it the lightest sea urchin rod on the market 2.40 Kg with the motor for even more relaxing operation.

The action of the sea urchin on the tree is not rotary but pulsating. The rod head pulses at a speed determined by the new **Brushless** motor's speed controller depending on the variety of olive and the operator's requirements.

CAN BE BUILT TO ANY HEIGHT THE CUSTOMER DESIRES

SPECIFICATIONS:

Movement Type:	Pulsating
Number of sticks:	32 carbon sticks
Head:	With steel gears and grease gun
Operating voltage:	12 Volt, Dc 1000 watt
Cable:	15 meters flexible, 2X3mm silicone
Overall length machine:	Pole 2,15m = 2,45m with moter Pole 2,65m = 2,95m with moter

Pole Length 2.15m

Pole Length 2.65m



ELECTRIC RODS

ELECTRIC ROD "GOLD FULL CARBON" 4X4

DESCRIPTION:

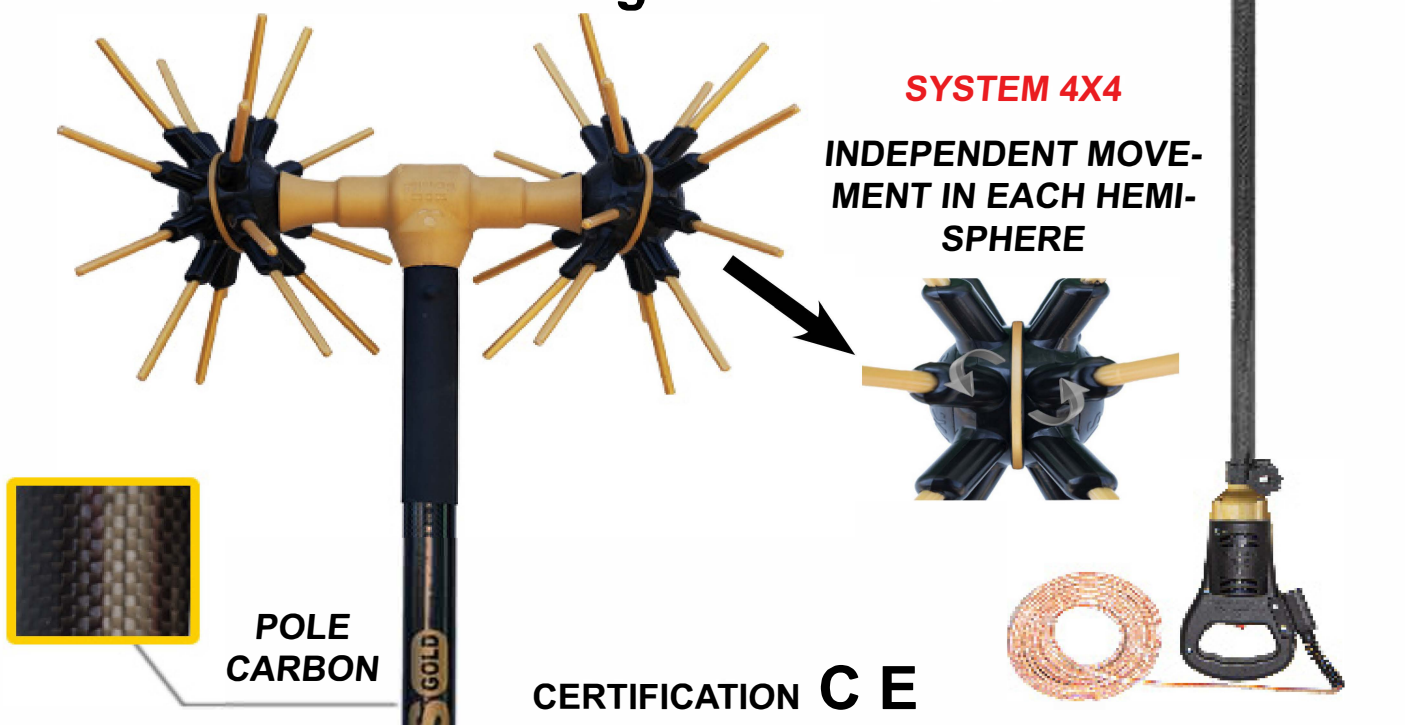
The Urchin "GOLD Full Carbon" 4X4 MINOS NIK electric rod is suitable for all types of olive trees due to the pulsating movement - vibration. It has 32 carbon fiber rods, as well as a carbon fiber outer tube that makes it the lightest urchin rod on the market 2.65 Kg with the motor for even more relaxing operation.

The action of the sea urchin on the tree is not rotary but pulsating. The rod head pulses at a speed determined by the speed controller depending on the variety of olive and the operator's requirements.

CAN BE BUILT TO ANY HEIGHT THE CUSTOMER DESIRES

SPECIFICATIONS:

Movement Type:	Pulsating
Numbers of sticks	32 carbon sticks
Head:	With steel gears and grease gun
Operating voltage:	12 Volt, Dc 400 watt
Cable:	15 meters flexible, 2X3mm silicone
Overall length machine:	Pole 2,15m = 2,45m with moter Pole 2,65m = 2,95m with moter



ELECTRIC ROD "GOLD FULL CARBON"

DESCRIPTION:

The Urchin "GOLD Full Carbon" MINOS NIK electric rod is suitable for all types of olive trees due to the pulsating movement - vibration. It has 32 carbon fiber rods, as well as a carbon fiber outer tube that makes it the lightest urchin rod on the market 2.65 Kg with the motor for even more relaxing operation.

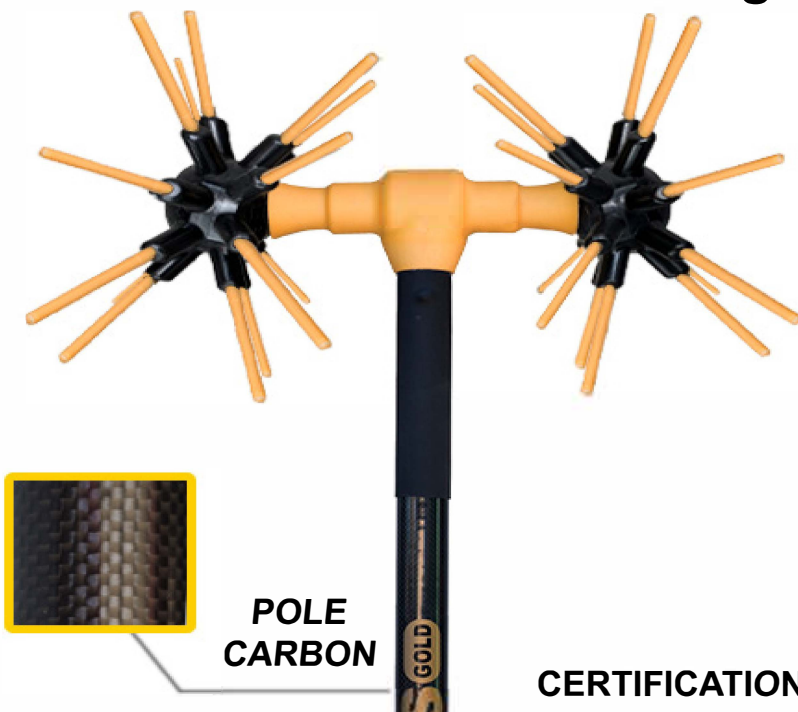
The action of the sea urchin on the tree is not rotary but pulsating. The rod head pulses at a speed determined by the speed controller depending on the variety of olive and the operator's requirements.

CAN BE BUILT TO ANY HEIGHT THE CUSTOMER DESIRES

SPECIFICATIONS:

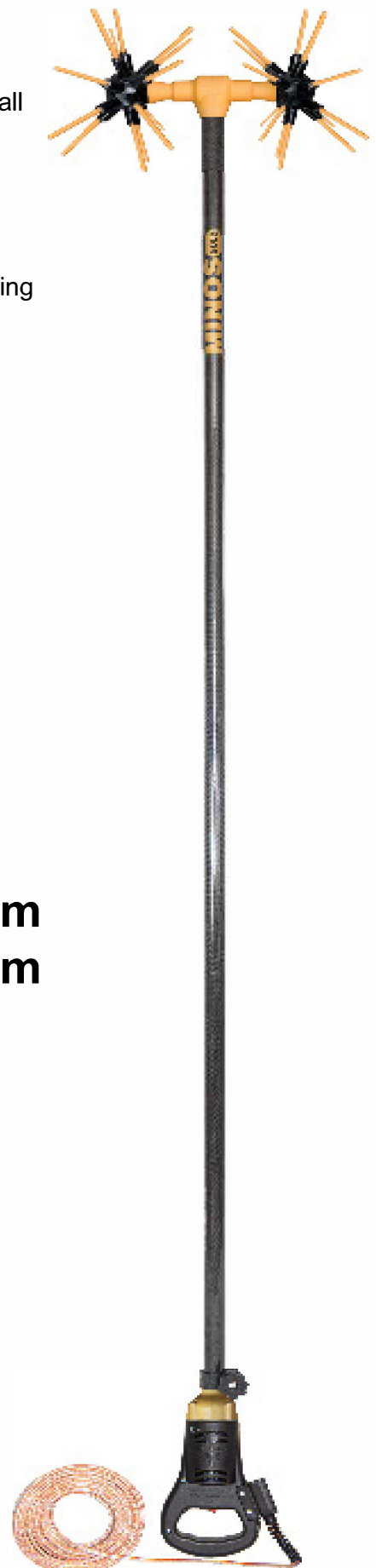
Movement Type:	Pulsating
Numbers of sticks	32 carbon sticks
Head:	With steel gears and grease gun
Operating voltage:	12 Volt, Dc 400 watt
Cable:	15 meters flexible, 2X3mm silicone
Overall length machine	Pole 2,15m = 2,45m with moter Pole 2,65m = 2,95m with moter

Pole Length 2.15m
Pole Length 2.65m



**POLE
CARBON**

CERTIFICATION C E



ELECTRIC RODS

ELECTRIC ROD "GOLD 4X4"

DESCRIPTION:

The Urchin "GOLD 4X4" MINOS NIK electric rod is suitable for all types of olive trees due to the pulsating movement - vibration. It has 32 carbon fiber rods, the lightest aluminum rod 2.85 Kgr together with the motor, durable and with low maintenance and spare parts costs.

The action of the sea urchin on the tree is not rotary but pulsating. The rod head pulses at a speed set by the speed controller depending on the variety of olive and the operator's requirements.

CAN BE BUILT TO ANY HEIGHT THE CUSTOMER DESIRES

SPECIFICATIONS:

Movement Type:	Pulsating
Numbers of sticks:	32 carbon sticks
Head:	With steel gears and grease gun
Operating voltage:	12 Volt, Dc 400 Volt
Cable:	15 meters flexible, 2X3mm silicone
Overall length machine:	Pole 2,15m = 2,45m with moter Pole 2,65m = 2,95m with moter

Pole Length 2.15m
Pole Length 2.65m



SYSTEM 4X4
**INDEPENDENT MOVE-
MENT IN EACH HEMI-
SPHERE**



CERTIFICATION C E



ELECTRIC ROD "GOLD"

DESCRIPTION:

The Urchin "GOLD" MINOS NIK electric rod is suitable for all types of olive trees due to the pulsating movement - vibration. It has 32 carbon fiber rods, the lightest aluminum rod 2.85 Kgr together with the motor, durable and with low maintenance and spare parts costs.

The action of the sea urchin on the tree is not rotary but pulsating. The rod head pulses at a speed set by the speed controller depending on the variety of olive and the operator's requirements

CAN BE BUILT TO ANY HEIGHT THE CUSTOMER DESIRES

SPECIFICATIONS:

Movement Type:	Pulsating
Numbers of sticks:	32 carbon sticks
Head:	With steel gears and grease gun
Operating Voltage:	12 Volt, Dc 400 watt
Cable:	15 meters flexible, 2X3mm silicone
Overall length machine:	Pole 2,15m = 2,45m with moter Pole 2,65m = 2,95m with moter

Pole Length 2.15m
Pole Length 2.65m



CERTIFICATION **C E**



ELECTRIC RODS

ELECTRIC ROD "S" FULL CARBON 4X4

DESCRIPTION:

The Electric Urchin "S Full Carbon 4X4" MINOS NIK electric rod is suitable for all types of olive trees due to the pulsating movement - vibration. It has 28 sticks that allow it to penetrate the tree easily and without getting tangled in the branches as well as a tube carbon fiber exterior.

The action of the sea urchin on the tree is not rotary but pulsating. The rod head pulses at a speed determined by the speed controller depending on the variety of olive and the operator's requirements.

CAN BE BUILT TO ANY HEIGHT THE CUSTOMER DESIRES

SPECIFICATIONS:

Movement Type	Pulsating
Numbers of sticks	28 polyurethane elastic sticks
Head:	With steel gears and grease gun
Operating:	12 Volt, Dc 400 watt
Cable:	15 meters flexible, 2X3mm silicone
Overall length machine:	Pole 2,15m = 2,45m with moter Pole 2,65m = 2,95m with moter

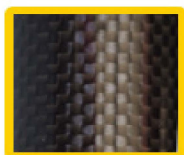
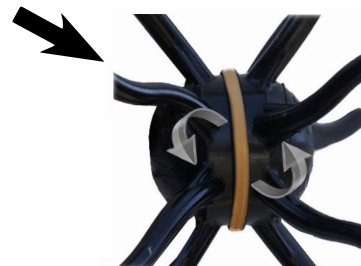


Pole Length 2.15m
Pole Length 2.65m



SYSTEM 4X4

INDEPENDENT MOVEMENT IN EACH HEMI-SPHERE



**POLE
CARBON**

CERTIFICATION C E

ELECTRIC ROD "S" 4X4

DESCRIPTION:

The Electric Urchin "S 4X4" MINOS NIK electric rod is suitable for all types of olive trees due to the pulsating movement - vibration. It has 28 sticks that allow it to penetrate the tree easily and without getting tangled in the branches as well as a tube carbon fiber exterior.

The action of the sea urchin on the tree is not rotary but pulsating. The rod head pulses at a speed determined by the speed controller depending on the variety of olive and the operator's requirements.

CAN BE BUILT TO ANY HEIGHT THE CUSTOMER DESIRES

SPECIFICATIONS:

Movement Type	Pulsating
Numbers of sticks	28 polyurethane elastic sticks
Head:	With steel gears and grease gun
Operating:	12 Volt, Dc 400 watt
Cable:	15 meters flexible, 2X3mm silicone
Overall length machine	Pole 2,15m = 2,45m with moter Pole 2,65m = 2,95m with moter

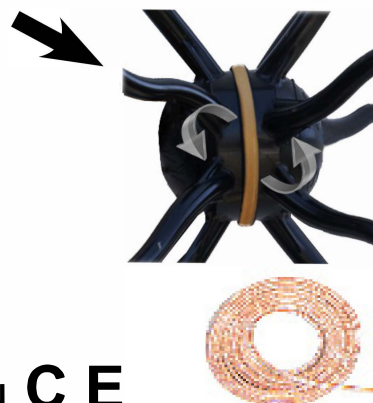


Pole Length 2.15m
Pole Length 2.65m



SYSTEM 4X4

INDEPENDENT MOVEMENT IN EACH HEMI-SPHERE



CERTIFICATION C E

ELECTRIC RODS

ELECTRIC ROD "Y" FULL CARBON

DESCRIPTION:

The MINOS NIK "Urchin Y Full Carbon" type electric rod is suitable for all types of olive trees due to the pulsating movement - vibration. It has 32 elastic sticks that allow it to penetrate the tree with ease and without getting tangled in the branches as well as a carbon fiber outer tube. The action of the sea urchin on the tree is not rotary but pulsating. The rod head pulses at a speed determined by the speed controller depending on the variety of olive and the operator's requirements.

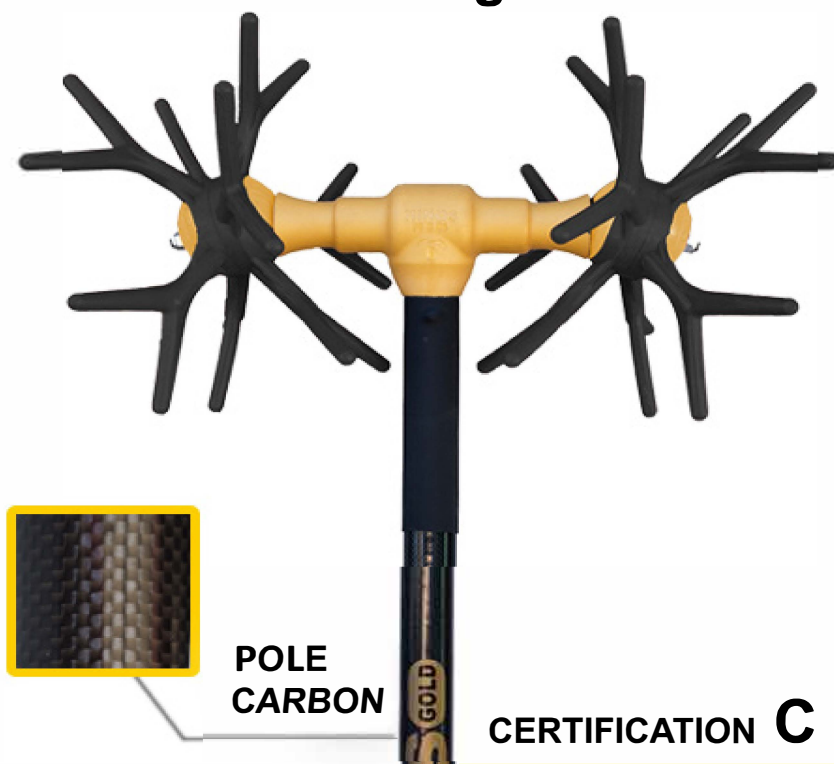
CAN BE BUILT TO ANY HEIGHT THE CUSTOMER DESIRES

SPECIFICATIONS:

Movement Type:	Pulsating
Numbers of sticks	32 polyurethane elastic sticks
Head:	With steel gears and grease gun
Operating:	12 Volt, Dc 400 watt
Cable:	15 meters flexible, 2X3mm silicone
Overall Length	Pole 2,15m = 2,45m
Machine:	with moter Pole 2,65m = 2,95m with moter

Pole Length 2.15m

Pole Length 2.65m



**POLE
CARBON**

CERTIFICATION C E



ELECTRIC ROD "Y"

DESCRIPTION:

The MINOS NIK "Urchin Y" type electric rod is suitable for all types of olive trees due to the pulsating movement - vibration. It has 32 elastic sticks that allow it to penetrate the tree with ease and without getting tangled in the branches as well as a carbon fiber outer tube.

The action of the sea urchin on the tree is not rotary but pulsating. The rod head pulses at a speed determined by the speed controller depending on the variety of olive and the operator's requirements.

CAN BE BUILT TO ANY HEIGHT THE CUSTOMER DESIRES

SPECIFICATIONS:

Movement Type:	Pulsating
Numbers of sticks:	32 polyurethane elastic sticks
Head:	With steel gears and grease gun
Operating	12 Volt, Dc 400 watt
Cable:	15 meters flexible, 2X3mm silicone
Overall Length Machine:	Pole 2,15m = 2,45m with moter Pole 2,65m = 2,95m with moter

Pole Length 2.15m
Pole Length 2.65m



CERTIFICATION C E



ELECTRIC RODS(WITHOUT MOTER)



**ELECTRIC ROD WITH TUBE
ALUMINUM 2M**



**ELECTRIC ROD GOLD 4X4 WITH
ALUMINUM TUBE 2M**



**ELECTRIC ROD GOLD WITH CARBON
TUBE 2M**



**ELECTRIC ROD GOLD 4X4 WITH
CARBON TUBE**

* With aluminum tube 2,5m
With carbon tube 2,5m

ELECTRIC RODS(WITHOUT MOTER)



ELECTRIC ROD "S" 4X4 WITH ALUMINUM
TUBE 2M



ELECTRIC ROD "S" 4X4 WITH CARBON
TUBE 2M



ELECTRIC ROD "Y" WITH ALUMINUM
TUBE 2M



ELECTRIC ROD "Y" WITH CARBON
TUBE 2M

* With aluminum tube 2,5m
With carbon tube 2,5m



ELECTRIC ROD MANIPULATOR

DESCRIPTION:

- Rod control
- Heat treated, multi-turn
- External charcoal
- Designed for maximum harvest performance.
- Possibility of operation with the use of 12 volts



**ELECTRIC ROD MANIPULATOR
FOR BATTERY**

DESCRIPTION:

- Rod control
- Heat treated, multi-turn
- External charcoal
- Designed for maximum harvest performance.
- Possibility of operation with the use of 12 volts