



# *Sand Star E*

## *Do More with Electric*

The Sand Star E is the groomer of choice for golf course superintendents and grounds directors who are searching for an energy-efficient solution for smooth bunkers and sports fields. Equipped with superior traction and stability, the Sand Star E is built to last. Equipped with a 48V lithium ion battery, the Sand Star E delivers peak performance for up to 8 hours.

With over 25 accessories and industrial-grade components, the Sand Star E is adaptable to the unique needs of your course. As one of the latest addition to Smithco's star lineup of groomers, the Sand Star E is one you are going to love adding to your fleet.

### • BATTERY

The Sand Star E incorporates the Roy-Pow 160 amp lithium battery pack, with an onboard battery management system, supported by a five-year, non-prorated manufacturer's warranty.

### • ONBOARD DIAGNOSTICS

The Sand Star E's onboard diagnostic system allows you to quickly and easily identify solutions in various subsystems - saving you time and money.

### • DUAL-PEDAL TRACTION

The Sand Star E's exclusive dual-pedal traction gives the operator the ability to smoothly transition from forward to reverse, making for hands-free operation and allowing the operator the ability to focus on steering and plowing.

### • MOTOR

The Sand Star E is an engineered electric bunker rake utilizing state-of-the-art, industrial-grade motor and controller technology, while delivering superior and reliable power for even the toughest jobs.

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WE TAKE YOUR TURF SERIOUSLY

# Sand Star E 48V Lithium

## SPECIFICATIONS

# Smithco

United States | 877.833.7648  
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### WEIGHTS & DIMENSIONS

Length	68 in (173 cm)
Width	58 in (147 cm)
Height	52 in (132 cm)
Weight	735 lbs (333 kg) with batteries
Wheel Base	42 in (107 cm)
Ground Clearance	5.5-7 in (13-18 cm) under cultivator, depending on attachment

### MOTOR

Type	Mahle
Displacement	48 V (5 kw); continuous AC induction
Peak Torque	83 nm
Current	Sevcon Gen 4, Size 4, 450A 2min 540A Boost

### SPEED

Forward Speed	0-10 mph (0-16 kph)
Reverse Speed	0-5 mph (0-8 kph)

### BATTERIES

Type	Roy Pow 48V 160 Ah lithium battery pack <small>5-year, non-prorated warranty</small>
Nominal Voltage	51V
Nominal Capacity	160 Ah
Stored Energy (Wh/kg)	8.2 kWh
Dimension (LxWxH)	31.5 x 14.25 x 8.75 in (80 x 36 x 22.1 cm)
Weight	159 lbs (72 kg)

### OPTIONS

45-004-A	Certified ROPS with seat belts
851-100	Light Kit
85-006	Sand cultivator (straight blades)
85-007	Infield scarifier (gauge wheels, vertical blades)
85-008	Sand cultivator (with spring tine teeth)
85-013	Infield scarifier (with spring tine teeth, gauge wheels)
925-110	Actuator center-mount implement



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