



Sand Star E

Do More with Electric

The Sand Star E is the groomer of choice for golf course superintendents who are searching for an energy-efficient solution for smooth bunkers. 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 150 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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Sand Star E

SPECIFICATIONS

Smithco

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BATTERY

Type	Roy Pow 48V 150 Ah lithium battery pack 5-year, non-prorated warranty
Nominal Voltage	51V
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)

TRACTION DRIVE

Traction System	Dana transaxel, two wheel drive, forward/reverse drive pedals at operator's station
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ENGINE

Type	Mahle
Rated Horsepower	6 hp (4.47 kw)
Displacement	48 v; continuous AC induction
Current	Sevcon Gen 4, Size 4, 450A 2min 540A Boost
Peak Torque	83 nm

TIRES, BRAKES & STEERING

Service Brakes	Dynamic braking through electrical regen system
Tires	Front 20x10-turf10 tires; Rear 25x10-turf12 tires
Parking Brake	Push button
Steering	Manual chain drive front wheel steering

PRODUCT CONFIGURATION

Description	3-wheel tricycle design
Pedal	Dual foot pedal for forward and reverse operation
Levers	Electric engage/disengage switches for rear mounted and center mounted attachments

SPEED & SOUND

Reverse	0-5 mph (0-8 kph)
Forward	0-10 mph (0-16 kph)
Sound Level	0 dba

WEIGHTS & DIMENSIONS

Ground Clearance	5.5-7 in (13-18 cm) under cultivator, depending on attachment
Height	52 in (1.3 m)
Width	58 in (1.5 m)
Length	68 in (1.7 m)
Weight	735 lbs (333 kg) with batteries

revised 1/2024

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