

*The model shown is equipped with optional features.

Specification



Model		FS900 (Type: Rubber tires)		
Dimensions	Total length	101.2 in	257 cm	
	Total width	69.7 in	177 cm	
	Total height	Bucket Frame	58.3 in	148 cm
		Bottom of discharge opening (when bucket raised to the highest level)	58.7 in	149 cm
Weight	Machine (empty fuel tank) without LED light	1552.1 lb	704 kg	
Minimum turning radius		108.3 in	275 cm	
Engine	Model	Vanguard 356447		
	Type	Air-cooled 4-cycle gasoline engine		
	Total displacement	34.78 cu.in.	570 cm ³ (0.57 L)	
	Maximum output	13.4 kW (18.2 PS)/3,600 rpm		
Fuel tank capacity	Gasoline 5.28 U.S.gal.	Gasoline 20.0 dm ³ (20.0 L)		
Operating width		31.9 in	81 cm	
Bucket capacity		109.3 U.S.gal.	414 dm ³ (414 L)	
Drive	Traveling	HST (2WD)		
	Sweeping section	Hydraulic, Mechanical		
Speed (HST)	Forward	0 - 9.9 mph		
	Reverse	0 - 3.1 mph		
Efficiency		1.28 ac/hr(4.97 mph x operating width x 0.8)	5,184 m ² /h(8.0 km/h x operating width x 0.8)	

※ The factory default maximum engine rpm is 3,000 rpm. [GB/US]

Option

LED Light

An optional LED light can be attached. It is useful when driving in the early morning, at dusk, or when visibility is poor due to fog.



⚠ Safety notes

- Read the Owner's Operating Manual and other training material carefully. Be familiar with the controls, safety signs and the proper use of equipment before operation.

♥ Assurance inspection

- Regular inspection of the machine ensures long-lasting superior performance and safety.
- There are parts of machine prone to wear and deterioration from long periods of use. Please consult with local dealer or distributor for proper inspection and maintenance schedule.

Your distributor or dealer

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BARONESS
Quality on Demand

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Quality on Demand

Riding Sweeper / Core Collector

FS900



BARONESS is the global brand of Kyoisha Co. Ltd.

A New & Efficient Tool for Core Removal

The FS900 is a revolutionary tool that efficiently and beautifully cleans up greens after coring. This lightweight and compact machine can be easily operated on narrow greens and tees.



Quality on Demand

Beautiful Finish



Brush Offset

The brush is mounted in an offset position in order to cleanly collect the core and reduce damage to the turf.



No Double Stepping on the Core

The front wheel is designed with two separated tires, which enables the front wheel to avoid rolling over and crushing the core twice. Thus, the machine can cleanly sweep up the cores. In addition, the front tires can avoid treading on the same paths that the rear tires had previously tread on. This effectively prevents ruts from forming.



The Down Pressure Function of the Roller

The FS900's compaction roller can exert a down pressure on the turf. While collecting cores, it can smooth out unevenness and make tire ruts less noticeable.

Lightweight Design

Lighter than a towed or large sweeper, it is designed to reduce ruts.

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Efficiency



Easy to turn

The three-wheel design with two separate front tires provides excellent turning performance and makes turning around the green easier.



Excellent Mobility

As a small riding type, the FS900 has excellent mobility and can move effortlessly between halls.



Brush Height Adjustment

The height of the brush can be adjusted without a tool. This allows the operator to easily and quickly adjust the height according to the operational conditions or degree of wear-and-tear.



High-Reaching Dump Hopper

The hopper can reach high to dump the cores. The operator doesn't need to get off the machine to discharge the cores into a dump truck, which improves work efficiency.

Workability

Maintainability

The Cover Fully Opens

The cover can be fully opened without using a tool. This makes maintenance easier and improves work efficiency.



Riding Sweeper / Core Collector **FS900**