



THE GREEN MACHINE

400 series

The World's Most Versatile Sweepers



What makes the Green Machine the best-selling sweeper in its class, worldwide?

Is it the unique compacting impeller design that brings safety and capacity to your sweeping program?

Maybe it is the powerful yet quiet performance. Possibly, it's the beautiful and ergonomic design or the peerless reliability gained from years of product refinement.

We invite you to find out for yourself what makes Green Machines the world's most versatile sweepers...



40 years of success...

After 40 years of relentless product improvement, we are proud to present the latest versions of the Green Machine – engineered to be the most reliable and versatile sweepers in the world.

Powerful and Economical –

The 14-horsepower water-cooled diesel engine produces unequalled vacuum power, yet sips just 2 gallons of fuel per day.



Quiet and Clean –

Extremely quiet and virtually dust-free, the Green Machine is safe, maneuverable and people friendly.



Eats Almost Everything –

The Green Machines' unique compacting impeller devours almost anything, mulching debris down to one-third its original size. It easily picks up cans, cigarette butts, leaves, dirt and even glass bottles.



Operator Friendly –

Using standard plastic trash bags for convenient and hygienic disposal, and with easy to use controls and effortless maneuverability, the Green Machine guarantees operator comfort and efficiency.



All Season Versatility –

In fall, the Green Machine mulches over 200 gallons of leaves before emptying. In winter, just clip on the optional snowplow and de-icer sprayer for efficient snow clearing.



High Profile –

Choose custom body colors, graphics and audio messages – the sleek styling of the Green Machine gets your efforts noticed.

Three models to choose from...

414-S2D The walk-behind only Green Machine

The entry level 414-S2D walk-behind Green Machine is well suited to congested area sweeping and budget-minded users.

Simple, efficient and maneuverable, this workhorse is used around the world, providing functionality with economy. The Kubota diesel engine is quiet and fuel-efficient, and the compacting impeller pulverizes and compacts trash to one-third its original size. Designed for use in confined spaces, the 414-S2D continues to provide maximum sweeping performance and value.



People Friendly



Maneuverable



All-Season Versatility

414-RSA A ride-on that converts to a walk-behind in a matter of seconds

The original walk-or-ride Green Machine is in use with over 10,000 units in service worldwide. Now with a newly improved seating arrangement for added comfort and convenience, it is easy to see why the 414-RSA continues to be such a popular choice. The patented fold-and-stow seat enables the operator to switch from ride-on to walk-behind in seconds, allowing the 414-RSA to keep on working when ride-on only machines would stand idle.



Wanderhose



Easy to Empty



Comfortable

424-HS Higher Speed means more coverage in less time

Doubling the speed to 10 mph allows this top-of-the-line Green Machine to get more done, and brings premium operator comfort and efficiency too.

In travel mode, the entire sweeping head is lifted clear off the ground, and the chassis is locked to give a four-wheel center-steer vehicle of exceptional stability and maneuverability.

And with its spacious rear locker holding up to 3 filled trash bags, and its optional clip-on cab, the 424-HS can go farther in all climates in comfort.



Travel at 10 mph



Converts to Walk-Behind



All Weather



Model 414S2D



Model 414RSA



Model 424HS

SPECIFICATIONS

Vacuum System: Vacuum-sweeper with compacting / pulverizing impeller fan to give high collection capacity and safe pick-up of broken glass and other sharp objects.

Collection Capacity: Uses standard 30-gallon (110-liter) or 55-gallon (200-liter) disposable plastic trash bags, or high-capacity 75-gallon reusable burlap leafing bags. Shredding action of impeller gives a 3:1 compaction ratio resulting in a maximum capacity of 225-gallon (850-liter) during leaf pick-up.

Impeller Fan (with Lifetime warranty): 16.5" (420mm) diameter six-blade abrasion-resistant steel with Tungsten Carbide reinforced edges rated at 2,050 CFM (58 cmm) at 2,800 RPM.

Sweeping path: 46 in (1170mm)

Disinfectant / water system: Variable-flow electrically pumped dust suppression / spot-scrubbing system sprays water and/or disinfectant onto front brushes and in litter collector from a 14.5-gallon (55-liter) molded tank.

Brushes: Two floating 18" (460 mm) diameter variable speed polypropylene or heavy duty P.E.T. front brushes with cam-lock no-tools brush change.

Two-stage dust filtering system: First stage nylon screen filters dust and debris into disposable trash sack. Second stage heavy-duty washable filter bag lasts lifetime of machine avoiding drawbacks of panel filter systems and gives good wet-weather performance.

Wanderhose: 8 feet (2.4 m) long x 4 in (100 mm) diameter as standard.

Voice warning system: Standard "Caution, sweeper approaching" voice message. Customized message optional.

Engine: Low-emission Kubota Z482-E twin-cylinder, 479-cc liquid-cooled diesel engine producing 13.9 BHP (10.4 kw) meets California emissions standards.

Noise Levels: Extremely quiet 68.1 dB(A) at 10 m (33 ft)

Transmission: Infinitely variable hydrostatic drive in forward and reverse with "dead man's handle" automatic braking for safety. Secondary hand-operated automotive-type parking brakes on drive wheels.

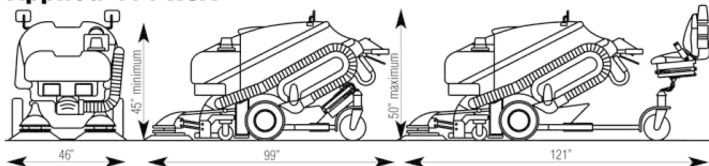
Fuel: 2.5 gallon (9.5 L) see-through diesel tank gives 10-hour endurance.

Electrical: 12-volt, 18-Amp alternator, 45 Amp-h battery, tachometer, hourmeter, temperature gauge, oil pressure, battery indicator, electric start and engine pre-heater.

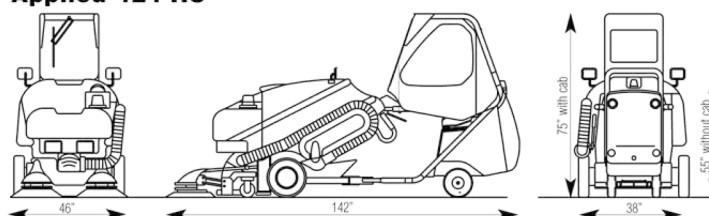
Warranty: One year parts and labor. Lifetime warranty on impeller fan.

	Model 414S2D	Model 414RSA	Model 424HS
Ground Speed:	0-5.5 mph (0-8.8 km/h)	0-5.5 mph (0-8.8 km/h)	0-10 mph (0-16 km/h)
Maximum coverage rate:	100,000 ft ² / h (9,300 m ² / h)	100,000 ft ² / h (9,300 m ² / h)	200,000 ft ² / h (18,700 m ² / h)
Seating Arrangement:	Walk-behind only.	Patented fold-and-stow tandem-wheeled seat converts from ride-on to walk-behind in seconds.	Two-wheeled tow-behind unit. Stainless steel construction. Independent rear suspension. Fully adjustable sprung-seat. Optional all-weather cab. Seat unit detaches for walk-behind use.
Suction Nozzle:	Floating aluminum head with replaceable skids & 8 in (200mm) diameter hose.	Floating aluminum head with replaceable skids & 8 in (200mm) diameter hose.	Hydraulically lifted aluminum head with replaceable skids and 8 in (200mm) diameter hose.
Lighting:	Headlights, front warning beacon, rear lights.	Headlights, front warning beacon, rear lights.	Headlights, direction indicators, front and rear warning beacons, sidelights, rear lights.
Weight:	926 lbs (420 kg) wet	1015 lbs (460 kg) wet	1150 lbs (520 kg) wet
OPTIONS:			
All-weather clip-on cab:	NO	NO	YES
Recycling Center:	NO	NO	YES
Customized color:	YES	YES	YES
Snowplow / de-icing kit:	YES	YES	NO

Applied 414-RSA



Applied 424-HS



The manufacturer reserves the right to modify the specifications of the product at any time without prior notice.

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