## SWEEPING SYSTEM

**Type** Air Sweeper  
**Cleaning path:** Minimum 47-inch | 1,170 mm  
**Sweeping Brush diameter** 18-inch | 460 mm  
**Volume capacity (max)** 75 gal | 284 L  
**Disposable Bag Size** 30-55 Gal (110-200L) Standard Trash Bag  
**Vacuum Impeller Diameter** 16.6-inches | 420 mm  
**Vacuum Impeller Construction** 6 Blade Abrasion Resistant Steel with Hard Faced Edges  
**Vacuum Impeller Housing** Stainless Steel  
**Vacuum Impeller Speed** .25 inch (6mm) Replaceable Wear Plates up to 2,800 rpm  
**Debris Reduction** Pulverizing Impeller  
**Suction Head** Floating Aluminum w/Replaceable Skids  
**Vacuum Hose Diameter** 8-inch | 200 mm  
**Whoosh Wander Hose:** Length 8-foot | 2.6 m  
**Diameter** 4-inch | 100 mm  
**Brush Reach (Beyond Front of Unit)** 17-inch | 440 mm

## PROPELLING SYSTEM

**Engine-standard (liquid cooled-Tier 4)** Kubota Z482-E diesel 14 hp (10.4 kW)  
**Fuel Capacity** 2.5 gal | 9.5 liter  
**Fuel Consumption (estimate)** .25 gal/hr | 1 L/hr  
**Travel speed**  
- Model 414 Line 0-5.5 mph | 0-8.8 km/h  
- Model 424HS 0-10 mph | 0-16 km/h  
- Reverse 0-3 mph | 0-4.8 km/h  
**Sweeping speed** 0-5 mph | 0-8 km/h  
**Stopping Distance (25%/11° Grade)** 2 ft | 610 mm  
**Drive Tires (2), pneumatic, 6-ply - Tire Pressure** 47 psi | 3.2 bar  
**Rear Wheels - Construction**  
- Model 414 Walk Behind (2) Solid Rubber Caster  
- Model 414 w/RS option (2) Pneumatic  
- Model 424 HS (2) Pneumatic

## DUST CONTROL SYSTEM

**Dust Filtration System** Two Stage Filtration  
**Stage 1** Nylon Debris Screen  
**Stage 2** Synthetic Dual Material Washable Filter Bag  
**Dust Suppression System**  
- Spray Nozzles  
- Side brush water spray dust control 14.5 gallon | 55 liter  
**Water Control** Variable by Operator  
**OPERATOR ERGONOMICS**  
- Quiet Operation  
- Easy to Use Whoosh Wander Hose  
- Manual Brush Raise/Lowering (414) Power Brush Raise/Lower (424)  
- Large Oversized Zipper on Debris Bag Weather Proof Storage Compartment  
- Sight Lines to Sidebrushes  
- No Tool Brush Change Center Pivot Steering for Easy Maneuvering  
**SAFETY SYSTEM**  
- Head and Tail Lights Warning light  
- Rear View Mirrors (LH/RH)  
- Audible Warning System “Caution Sweeper Approaching”  
- Automatic Braking if Handles Released  
- Floating Suction Head  

## MACHINE DIMENSIONS

| Width: All Versions | 46-inch | 1,140 mm  
| Length: Model 414 Walk Behind | 99-inch | 2,510 mm  
| Model 414 RS Option | 121-inch | 3,075 mm  
| Model 424 HS | 142-inch | 3,615 mm  
| Height: Model 414 Walk Behind | 45-inch | 1,120 mm  
| Model 414 RS Option | 50-inch | 1,270 mm  
| Model 424 HS | 55-inch | 1,400 mm  
| Model 424 HS (cab) | 75-inch | 1,905 mm  
| Weight: Model 414 Walk Behind (net) | 926 lb | 420 kg  
| Model 414 RS (net) | 1,015 lb | 460 kg  
| Model 424 HS (net) | 1,150 lb | 520 kg  

**Turning Circle (Walk-Behind Mode):** 99-inch | 2510 mm

## OPTIONAL EQUIPMENT

- Customized Coloring  
- 75 Gal (284 L) Burlap Leafing Bag  
- Clean & Safe Attachment (hygienic removal of Dog Waste)  
- Snow Plow (not available on 424)  
- Recycling Center (424 Only)  
- All Weather Cab – No Tool Attachment (424 Only)  
- Fold and Slow Seat (RS Seat Option - 414 only)

## WARRANTY

Please refer to your local Tennant representative or Green Machine Dealer for information.

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![Model 414 RS Seat Option](image1)

![Model 424 HS](image2)