

Model 400 Series Specifications

POWER AIR SWEEPER

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	Each Brush & at Vacuum Inlet
Side brush water spray dust control	14.5 gallon 55 liter
Water Control	Variable by Operator

OPERATOR ERGONOMICS

Quiet Operation	Ergonomic Control Handles
Easy to Use Whoosh Wander Hose	Simple daily maintenance
Manual Brush Raise/Lowering (414)	Power Brush Raise/Lower (424)
Large Oversized Zipper on Debris Bag	Weather Proof Storage Compartment
Sight Lines to Sidebrushes	Fold and Stow Seat (RS option)
No Tool Brush Change	Center Pivot Steering for Easy Maneuvering

SAFETY SYSTEM

Head and Tail Lights	Warning light
Rear View Mirrors (LH/RH)	Automatic Braking if Handles Released
Audible Warning System "Caution Sweeper Approaching"	Floating Suction Head

MACHINE DIMENSIONS

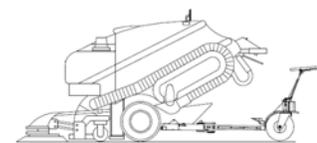
Width: All Versions	46-inch 1,140 mm
Length: Model 414 Walk Behind	99-inch 2,510 mm
Model 414 RS Option	121-inch 3,075 mm
Model 424 HS	142-inch 3,615 mm
Height: Model 414 Walk Behind	45-inch 1,120 mm
Model 414 RS Option	50-inch 1,270 mm
Model 424 HS	55-inch 1,400 mm
Model 424 HS (cab)	75-inch 1,905 mm
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

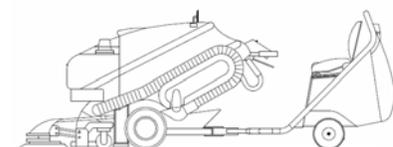
- Customized Coloring
- 75 Gal (284 L) Burlap Leafing Bag
- Clean & Safe Attachment (hygienic removal of Dog Waste)
- Snow Plow (not available on 424)
- Recycling Center (424 Only)
- All Weather Cab – No Tool Attachment (424 Only)
- Fold and Stow Seat (RS Seat Option - 414 only)

WARRANTY

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



Model 414 RS Seat Option



Model 424 HS