

# Tennant - Green Machines 400 series Specifications



MODELS : 414 - 414RS - 424

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## SWEEPING SYSTEM

Type	Air Sweeper	
Cleaning path: Minimum	46 inch /	1170 mm
Sweeping Brush diameter	19 inch /	470 mm
Volume capacity (max)	75,0 Gal /	284 L
Disposable Bag Size 30 -55 Gal (110-200L) Standard Trash Bag		
Vacuum Impeller Diameter	16,5 inch /	420 mm
Vacuum Impeller Construction	6 Blade Abrasion Resistant Steel with Hard Faced Edges	
Vacuum Impeller Housing	Stainless Steel	
	.25 inch (6mm) Replaceable Wear Plates	
Vacuum Impeller Speed, up to	2800 rpm	
Debris Reduction Pulverizing Impeller		
Suction Head Floating Aluminum w/Replaceable Skids		
Vacuum Hose Diameter	7,9 inch /	200 mm
Wander Hose: Length	7,2 ft /	2,2 m
Diameter	3,9 inch /	100 mm
Brush Reach (Beyond Front of Unit)	17,3 inch /	440 mm

## PROPELLING SYSTEM

Engine-standard Kubota Z482-E diesel	12 hp	9 Kw
Fuel Capacity	2,5 Gal /	9,5 L
Fuel Consumption per hour (estimate)	0,3 Gal /	1 L
Travel speed		
Model 414 & 414RS, up to	5,5 mph /	8,8 km/h
Model 424, up to	10 mph /	16 km/h
Reverse, up to	3 mph /	4,8 km/h
Sweeping speed	5 mph /	8 km/h
Stopping Distance (25%/11° Grade)	24 inch /	610 mm
Drive Tires (2), pneumatic	6-ply	
Tire Pressure	46 PSI /	3,2 bar
Rear Wheels - Construction		
Model 414	Solid Rubber Caster	
Model 414RS	Pneumatic	
Model 424	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	18,5 Gal /	70 L
Water Control Variable by Operator		

## OPERATOR ERGONOMICS

- Quiet Operation
- Ergonomic Control Handles
- Easy to Use 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 Version)
- No Tool Brush Change
- Center Pivot Steering for Easy Maneuvering

## MACHINE DIMENSIONS

Width: All Versions	45 inch /	1140 mm
Length: Model 414	99 inch /	2510 mm
Length : Model 414 RS	118 inch /	2997 mm
Length : Model 424	140 inch /	3550 mm
Height : Model 414	45 inch /	1143 mm
Height : Model 414 RS	49 inch /	1243 mm
Height : Model 424	55 inch /	1397 mm
Height : Model 424 with Cab	77 inch /	1954 mm
Weight: Model 414	882 lb /	400 Kg
Weight : Model 414 RS	970 lb /	440 Kg
Weight : Model 424	1202 lb /	545 Kg
Turning Circle (between walls)		
414 / 414 RS	53 inch /	1350 mm
424	94 inch /	2400 mm

## SAFETY SYSTEM

- Head and Tail Lights
- Warning light
- Rear View Mirrors (LH/RH)
- Automatic Braking if Handles Released
- Floating Suction Head

## OPTIONAL EQUIPMENT

- Customized Coloring
- 75 Gal (284 L) Burlap Leafing Bag
- Brush lift 414 / 414RS
- DEA : Isolated Dog Excrement Vacuum
- Hydraulic preparation for Snow Plough
- Snow Plow
- Recycling Center (424 Only)
- All Weather Cab – No Tool Attachment (424 Only)
- Additional lighting
- Audible Warning System “Caution Sweeper Approaching”
- Wanderhose

## WARRANTY

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

